

StereoReview® Presents

STEREO

BUYER'S GUIDE 1996

8,000

Audio and A/V Components

FEATURES, SPECS, AND PRICES

System Building

How To Shop Smart

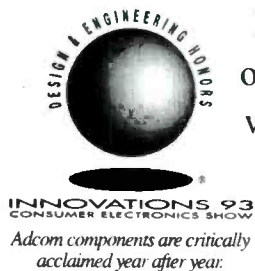


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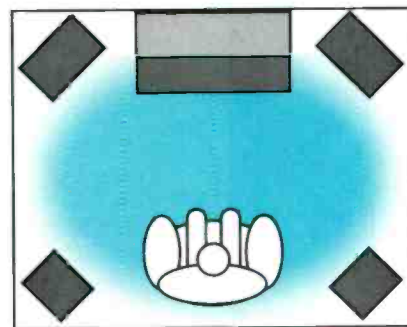
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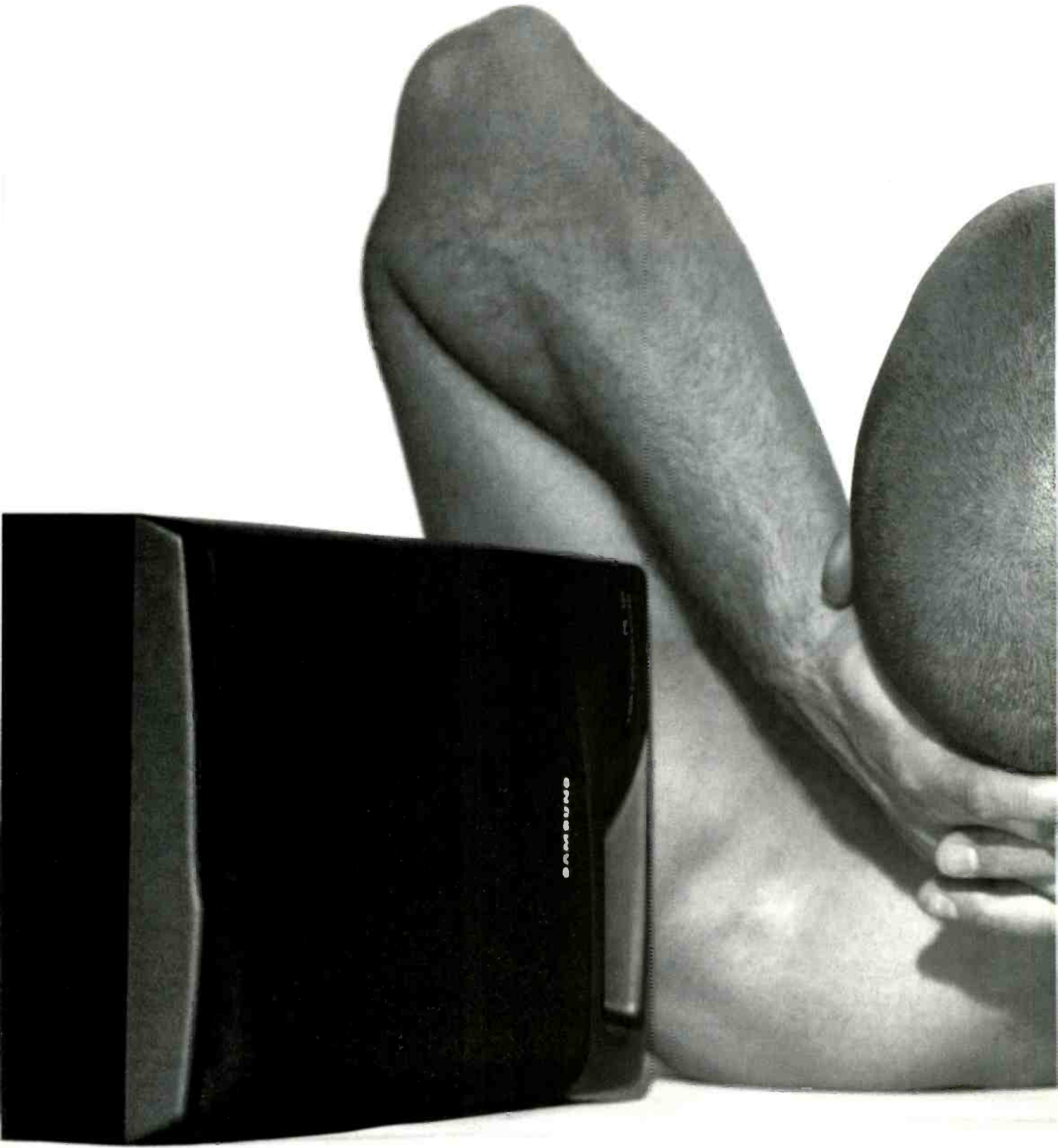
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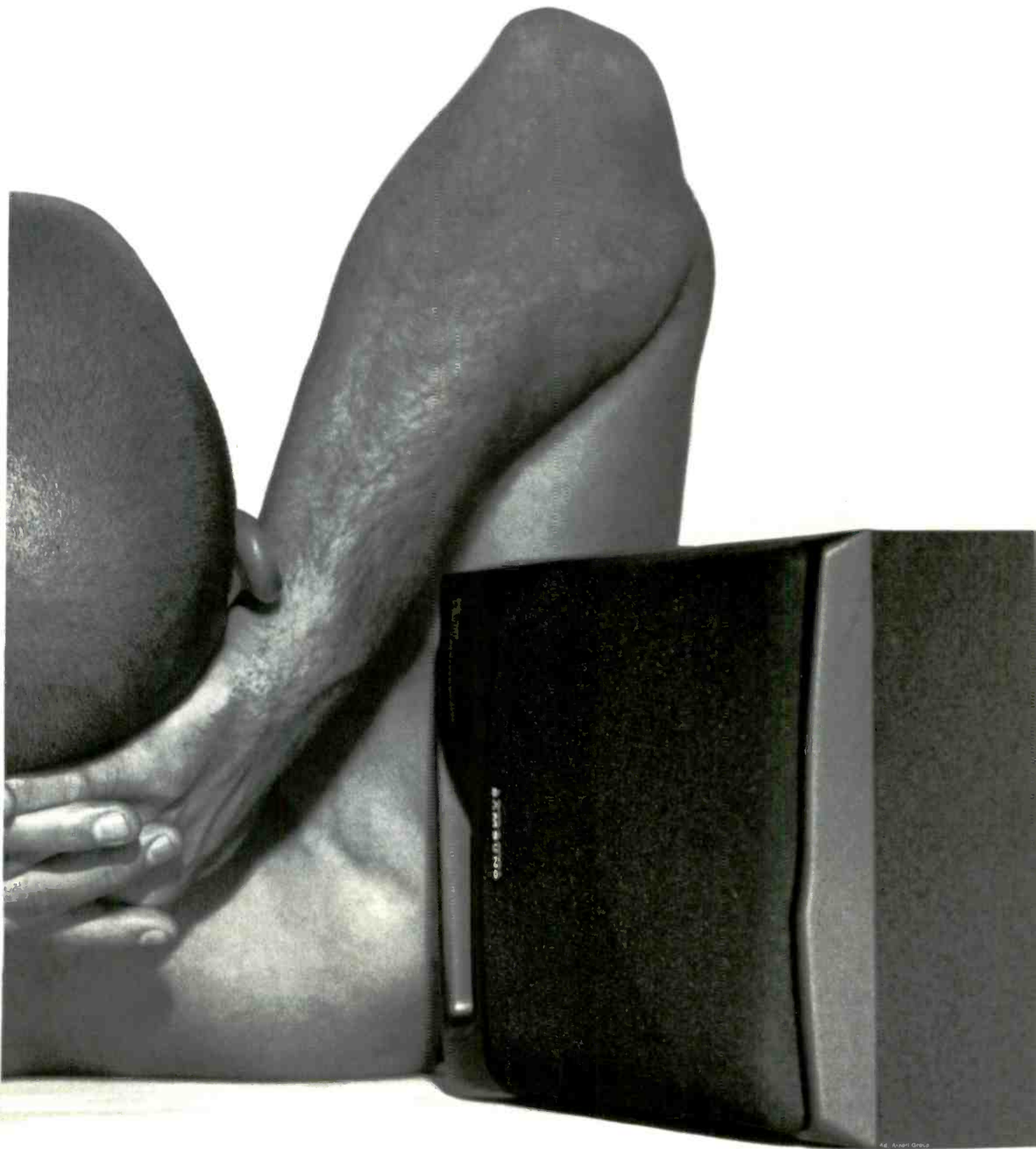
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TONY CATALANO

Vice President and Group Publisher

Consumer Electronics Group Advertising

VP/Advertising Director

Scott Constantine

Regional VP/Ad Director, East Coast:

Charles L. P. Watson, (212) 767-6038

Regional Account Managers, East Coast:

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Penry Price, (212) 767-6077

Midwest Advertising Manager:

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Regional VP/Ad Director, West Coast:

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Assistant to the Publisher: Aline J. Pulley

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Advertising Coordinator: Linda Neuweiler

Sales Assistant: Yvonne Telesford

Classified Advertising: (800) 445-6066

Production Manager: Vicki L. Feinmel

Production Director: Patti Burns

Business Manager: Christine Z. Maillet

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ON THE COVER: Clockwise from top right, Rock Solid HCM 1 minispeaker (with grille on), NHT VT-2 loudspeaker, Onkyo DX-C320 CD changer, Pioneer VSX-D3S A/V receiver, Nakamichi DR-2 cassette deck, Bryston 3B-ST THX power amplifier, and Rock Solid HCM 1 (grille off). Photo by Jook P. Leung.

SYSTEM

HOW TO CHOOSE THE RIGHT STUFF FROM THE START

Buying audio equipment is a little bit like getting married. You do lots of research to figure out exactly what you're getting into, you solicit the opinions of all your "expert" friends, and you go as far as you can in pre-commitment, hands-on (ahem!) trials. You then close your eyes and jump. A good choice will bring decades of domestic happiness; a poor decision will cause discontent and, quite possibly, considerable expense down the road.

There's another similarity: Mountains of advice have been written regarding both topics. Since I'm about to add my stone to one of these pyramids (I'll pass on the nuptial-bliss question), let me start out by saying that the key points in selecting the components of a stereo or home theater system are the ones that are most important to *you*. We experts may natter interminably about treble transparency, deep-bass "slam," and midrange detail, but if what matters most in your eyes is sleek cosmetics and simple controls, by all means put those considerations first. All the midrange detail in the world will be cold comfort if you silently loathe your system every time you walk by it.

SPEAKING OF SPEAKERS

Conventional wisdom holds that speakers are the most important link in any audio chain and should account for about half of your system budget, but I'm going to qualify both of these adages. First, common sense suggests that no chain can have a single, "most-important" link. Second, while spending more on speakers *may* improve the overall result, particularly in less expensive systems, there's no hard-and-

fast rule here. A lot depends on the size of your room as well as your musical tastes and listening habits; for example, a fan of chamber music might be best served by spending \$300 on a pair of bookshelf speakers and \$1,000 on a power amplifier and CD player.

Large, medium, or small? Speakers come in all sizes, of course, and the best advice I can give here is to base your decision on your room requirements, *your* taste (not the salesman's!), and your budget.

"Bookshelf" speakers, which are usually no more than a foot or two tall, often provide superb realism-per-dollar but tend to fall short in the bass department — something to consider if you listen to pipe organs, synth pop, or rap. Despite their name, most bookshelf speakers sound best on stands that have been moved a foot or two out into the room. Many of today's top-selling speakers, though, are medium-size "mini-tower" designs that occupy about a square foot of floor space and stand 3 to 4 feet tall. A properly designed mini-tower will perform admirably over the entire musical range, giving up just a bit in the bottom octave. The largest tower speakers, many of which deliver impressive full-range sound at a cost of several thousand dollars a pair, are usually best suited for high-end systems in big rooms. If you like the idea of small speakers but want decent bass, be sure to check out subwoofer/satellite systems that team a pair of compact speakers with a free-standing bass module that can be tucked into a corner or hidden behind a couch.

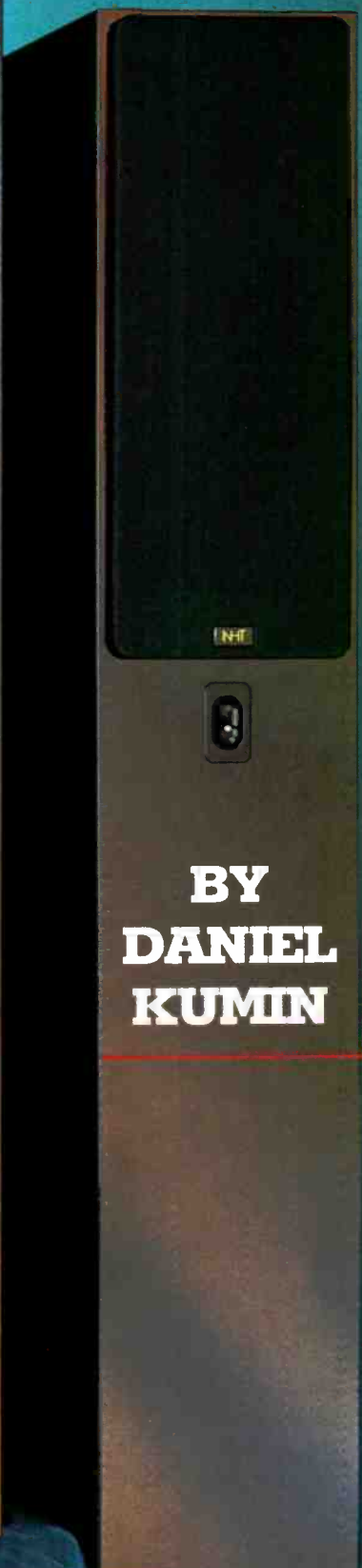
But don't choose speakers on size alone — especially if you're on a tight budget. For one thing, small speakers have an inherent advantage when it comes to imaging (a smaller front baf-

fle area helps preserve the stereo image); for another, big-and-cheap speakers almost always sound awful. Nor should you base your decision on the design principle behind a speaker or on how many drivers it has. Dozens of two-way (woofer and tweeter) speakers out-perform many comparably priced three-ways (woofer, midrange driver, and tweeter), mostly because simplicity of design tends to purify music reproduction. And be suspicious of impressive-looking four- and five-way speakers with bargain-basement price tags: These are usually designed to sell the eye, not the ear. Despite our twentieth-century penchant for high-tech inventions, "old-fashioned" dynamic (cones 'n' domes) speakers are still the most common variety; exotic planar and electrostatic panel speakers may be superb-sounding options, but you must be prepared to shell out big bucks (most models cost several thousand dollars a pair).

■ **HOME THEATER CONSIDERATIONS.** If you're selecting speakers for an A/V surround-sound system — a.k.a. home theater — the same general principles apply, except you'll be choosing five or six speakers instead of a single pair.

Surround systems employ three speakers in the front of the room (left, center, right) and two in the rear. A typical setup includes a horizontally oriented center speaker on top of the TV, flanked by a pair of floor-standing or bookshelf speakers, and two wall-mounted surround (or "rear") speakers. The center speaker conveys dialogue and other important center-screen sounds, while the surround speakers reproduce the ambience and sound effects that help create the illusion of "being there." Many dedicated surround speakers — models designed specifically for surround-channel use

BUILDING



BY
DANIEL
KUMIN

SYSTEM BUILDING



Polk's RM3000II system (\$849) comprises two 7-inch-tall satellite speakers and a small bass module that's rated down to 40 Hz.



PSB's Stratus Silver (\$1,650 a pair in black) combines two 6½-inch woofers and a tweeter in a 39-inch-tall ported cabinet.

— are dipole designs that use opposite-facing drivers (or sets of drivers) in order to produce an enveloping sound field.

Buying a five-piece home theater speaker package from a single manufacturer has some real advantages beyond the obvious allure of congruent cosmetics. The best of such groupings are designed to deliver tonal consistency as sounds pan laterally across the front and, to a lesser degree, from front to back. (Beware: Some cheap "home theater" suites are relatively slap-dash affairs that exhibit distracting timbral shifts between the left/right and center speakers.) Even if you're not going the home theater route from the outset, it pays to plan ahead and choose main speakers for which tonally matched center and surround speakers are available.

Your home theater system may seem incomplete without a subwoofer — especially if you crave the full, bone-rattling impact of today's digitally produced action-blockbuster films. There's a slew of stand-alone subwoofers to choose from, including those offered as part of a home theater package. Fortunately, most of today's subwoofers are "powered," meaning that they have their own built-in amplifier and crossover, which sends deep bass to the sub and everything else to the front speaker trio (this is important); a typical subwoofer is an 18-inch black cube with a 12-inch woofer that's designed to rumble way down into the 30-Hz range. A quick word of advice here: If floor-shaking bass is what you really want, be sure the subwoofer you're looking at is capable of delivering the goods — some models only play down to 40 or 50 Hz, hardly sub-bass territory.

ALL FOR ONE OR ONE FOR ALL?

The heart of most systems these days is the receiver, a multipurpose component that packs a power amplifier, preamplifier, and AM/FM tuner into one box. Dollar for dollar, receivers represent an excellent value, and they greatly simplify the task of setting up a system: Hook up a CD player and a pair of speakers and you've got a basic system. But receivers aren't for everyone. Hi-fi buffs in particular tend to favor discrete components — separate tuner, amp, and preamp — over the all-in-one receiver. Although it's a more costly approach, buying separates allows for a lot more flexibility



Velodyne's VA-1215X powered subwoofer (\$999) rumbles way down to 22 Hz. It has a built-in 200-watt amp and a crossover.



JBL's THX-certified HT Series (\$3,000) has three front speakers, two subwoofers, and two surrounds (one of each shown).



Measuring 10 x 6 x 6½ inches, the Bose Model 141 bookshelf speaker (\$139 a pair) can also be used as a surround speaker.



Acoustic Research's 25-inch-tall Model 303 bookshelf speaker (\$1,200 a pair) is a three-way system with a 12-inch woofer.

in making performance- and feature-related decisions.

Strange as it may seem, separate preamps usually have *fewer* features and controls than receivers; multicolored displays or built-in equalizers are all but unknown, and many models even omit tone controls. Manufacturers of high-end preamps tend to focus on simple circuit paths and top-quality internal components in an effort to deliver a pure audio signal. Many separate tuners are also simple designs with little more than a tuning knob and a power switch. While the tuner performance of today's best receivers is very good, topnotch component tuners still deliver the very best radio performance available.

The main reason for following a separates path, however, is power. Building a system with discrete power amps lets you select a power source that matches your needs rather than settling for an amplifier that's built into a receiver or integrated amplifier (an amp/preamp combo), which may not deliver enough power to fill a really big room, for example. From the most basic \$350 power amp to the genuinely high-end four-figure behemoth, there is a staggering array of choices in power ratings, ranging from a few dozen watts per channel to several hundred.

■ HOME THEATER CONSIDERATIONS.

Whether you decide to build your system around a receiver, an integrated amplifier, or a stack of separates, there are now home theater, or "A/V,"

music, and even some broadcast and cable TV programs: it does so by creating a discrete center channel, which enhances dialogue intelligibility, and a surround channel, which adds depth (and sound effects in the case of movie soundtracks) to the sonic presentation. Most A/V receivers also include at least a few additional surround modes for music and non-surround-encoded video programs, and many also have an unamplified (line-level) output that can be used to feed a subwoofer. If you're the type of person who doesn't like fussing with system hookup, an A/V receiver is the ticket: Add speakers and a video source component and you're in the home theater game.

Remove the AM/FM tuner from an A/V receiver and you have an A/V integrated amplifier, which is perfect for folks who plan to use their home the-

ater systems purely for movies and television, or for those who simply don't need a radio. Delete the power-amp (and tuner) section, and you have an A/V preamp, which maintains the combination of preamp and surround processor in one convenient unit; there are also several A/V preamp/tuners on the market for those who want a built-in AM/FM radio. You can take the separates theme even further, of course, and divide the electronics side of an A/V system into preamp, surround processor, tuner, and multiple (or mul-

A QUESTION OF POWER

When it comes to power, the question is always the same: How much do I need? That depends on the kind of music you listen to (and at what volume), the size of your listening room, and how sensitive your speakers are. The larger the room, the more power you'll need — especially if you're a rock-and-roller who likes it loud or even a classical-music fan who wants to listen to symphonies at live-concert levels. But if you have a small to average-size room and prefer listening at moderate volumes, you won't need as



B&K's AVP1000 A/V preamp/tuner (\$998) sports a Dolby Pro Logic decoder (which can be upgraded to Dolby Surround AC-3 Digital), eight surround modes, and an AM/FM tuner.



In addition to Dolby Pro Logic, Adcom's GTP-600 A/V preamp/tuner (\$1,100) provides three other surround modes, including Five Channel Stereo, as well as an AM/FM tuner and four audio and four A/V inputs.

equivalents for all of these. In fact, among today's receivers, the plain-vanilla, two-channel stereo model is becoming rather rare.

The centerpiece of most home theater systems is the A/V receiver, which adds to the amp/preamp/tuner combo a Dolby Pro Logic surround-sound decoder and the additional amplifiers needed to power center and surround speakers. Pro Logic circuitry is designed to produce an enveloping aural experience with movie soundtracks (on videotape, laserdisc, or cable TV),

much power — 40 or 50 watts per channel should suit you just fine.

The other factor that will help you get a handle on your power requirements is speaker sensitivity, a specification listed in the literature accompanying most speakers. It's simply a measure of how much acoustic energy (in decibels, or dB) the speaker produces at a specified distance (usually 1 meter) with a specified input (usually 1 watt); the higher the number, the louder the speaker will play (all else being equal). A typical figure is 88 dB

SYSTEM BUILDING

SPL (sound-pressure level), and many speakers are a few decibels more sensitive than that. When sensitivity goes up (or down) by 3 dB it takes half (or twice) as much power to achieve the same volume. In other words, a speaker rated at 91 dB SPL/W/m — not at all unusual — will play as loudly with a 25-watt amp as a speaker rated at 88 dB SPL/W/m sensitivity would play with a 50-watt amp. It's not worth getting too hung up over sensitivity specs, but if you like your music loud and are stuck with a low-power amplifier, focus on speakers that are rated in the high eighties or low nineties.

As far as speaker power-ratings go, they should be used only as a rough guide. "Minimum recommended" power figures tend to be understated — manufacturers don't want to narrow their field of prospective buyers too much, so oft-quoted figures like "15-20 watts per channel" should be well salted. "Maximum recommended" power ratings are also only approximations. Driving speakers rated for 100 watts with a 150-watt-per-channel amplifier won't hurt a thing — unless,

of course, you leave your system cranked up to an absurdly loud level for long periods, which will eventually damage the drivers.

The reason you don't have to worry about having too much power is because music is highly dynamic: While five watts per channel may be ample to produce a satisfying *average* volume level, the dynamic peaks of snare-drum hits, bass slaps, or tympani crescendos frequently demand ten, twenty, or even fifty times as much power, but only for a few fractions of a second at a time.

■ **HOME THEATER CONSIDERATIONS.** Power needs for a home theater are automatically accounted for by an A/V receiver, which provides the requisite five channels, usually with the surround ("rear") channels apportioned one-third or so the wattage of the front left-center-right outputs. Since a home theater system exploits five channels of power instead of two in surround mode, its per-channel power needs are somewhat less than what you might

demand from a two-channel setup. Remember, though, that most theater systems double as audio systems, which means they spend lots of time playing music in standard, two-channel stereo, in which case the front left and right channels work alone.

There are a few ways to approach the power side of a separates-based home theater system. You can use multiple two-channel (stereo) amplifiers, a single multichannel power amp to power the whole shebang, or some combination of the two. Many manufacturers now offer multichannel amps configured specifically for surround-sound systems. These come in three-, four-, five-, and even six-channel formats, so finding one to suit your needs won't be a problem. Usually, five channels will suffice (left, center, right plus two surround channels), since most subwoofers are powered by their own internal amplifiers. The front three channels should be assigned *equal* power. The center speaker is at least as important as its left and right mates, and often somewhat *less* sensitive. Surround-channel power is all too often underbudgeted. There's no hard-and-fast rule, but high-end system designers usually prefer to feed at least half the power of the main channels to the surrounds, and if you have the budget, by all means go for equal power all around.

THE CONTROL ROOM

Every system needs at least a few knobs and switches so you can turn it on and off, adjust the volume, and select sources. While high-end gear tends to have a minimal number of controls — sometimes literally just a volume knob and an on/off switch — mainstream components offer a plethora of user-interface options.

In the case of A/V receivers, the most common audio-system centerpiece, these can approach overwhelming proportions. Some models use graphical menus and "icons" that appear on your TV screen in an effort to guide you through system operation. This type of interface can help mitigate the intimidation factor (or, possibly, increase it in the case of prospective users to whom these computer-derived crib-sheets are entirely foreign), but the organization, layout, and functioning of front-panel and, especially, remote-control handsets will be crucial in everyday use. The best advice is to "test drive" the controls of any serious candidates: If you can't figure out how

Sony's STR-GX900ES A/V receiver (\$850) packs a digital Dolby Pro Logic decoder, a versatile surround processor, and power for five speakers in one box.



Conrad-Johnson's Sonographe SC25 preamplifier (top, \$995 with phono stage, \$795 without) matches the 125-watt-per-channel SA250 power amplifier (\$995).



Worker ants spend their entire lives bringing home sustenance to the queen and her young.

(We apologize if this sounds familiar.)



Work, work, work. And what do you have to show for it? We'd like to suggest the most thrilling home entertainment experience ever. A Pioneer® Dolby® Surround AC-3™ Audio/Video Receiver and LaserDisc Player. The first in the industry, our VSX-D3S receiver with



advanced AC-3 technology gives you the distinct pleasure of hearing six independent digital channels for true surround sound. Plus, all the power you demand from an advanced home theater system. The result? With our AC-3 receivers and AC-3 compatible LaserDisc players, your home theater can deliver



exciting digital surround sound, which until now was heard only in top theaters. Call us at 1-800-PIONEER to find out more about our complete range of home theater equipment and for a dealer near you. After all, worker ants don't get much time off. So you might as well make the most of it.

A D V A N C E D H O M E T H E A T E R



SYSTEM BUILDING

to operate basic functions like volume adjustment or input selection without consulting the manual, think twice before buying.

The same goes for remote controls. A handset populated by dozens of tiny, identically sized, shaped, and colored keys, one that does not somehow clearly distinguish primary functions like volume up/down, source selection, and mute, for example, could lead to aggravation down the road.

User-friendliness is also important in the choice of other home theater components, such as surround processors and A/V preamp/processors. But perhaps even more important is making sure you get enough inputs and outputs, both audio and video, to accommodate your needs.

Most A/V receivers and A/V preamp/processors offer at least three audio/video input positions — that is, three sets of video-plus-stereo-audio jacks — and many provide four or more. That might sound like a lot, but if you have a VCR, a laserdisc player, and a cable-TV feed there will be no room for a second VCR, a camcorder, a video-game console, or a satellite system. On the output side, if you'll want to use two VCR's and to copy from either one to the other, make sure the receiver or preamp provides two full sets of audio/video ins and outs, including record outputs of both audio and video signals; not all models do. Another feature that may be worth looking for is the ability to select audio and video sources independently.

CONSIDER THE SOURCE

The CD player is *the* staple source component of today's audio systems. Even if you have a significant existing collection of cassettes or LP records, you should consider CD's as a major music source. The digital disc's sonic advantages and random-access convenience simply brook no argument.

But many audiophiles argue that high-end CD players — say, \$500 and up (potentially, way up) — sound better than the entry-level \$200 variety, thanks to more stringent engineering, costlier parts, and carefully optimized digital-to-analog converters. Be that as it may, almost everyone agrees that even between widely disparate models the audible differences are slight — nowhere near the difference between, say, a \$2,500 pair of speakers and a \$250 pair.

While there's nothing wrong with heading up your system with a single-

CRACKING THE CODES

While there are many types of signal-processing components that can be incorporated into an audio system, surround-sound processors are by far the most common.

Surround sound can be produced in three basic ways. The most common way is via Dolby Surround, which is an encode/decode system. Most movies, whether on videotape or laserdisc (or broadcast over the air or via cable TV), and even some TV programs are Dolby Surround-encoded — look for the double-D logo on the package and at the end of the credits. Such programs squeeze four separate audio channels (left, center, right, and a single surround channel) into a stereo soundtrack. During playback, a Dolby Pro Logic decoder extracts the four channels and directs them to the appropriate speakers; though the surround channel is monaural, it is almost always reproduced by a pair of speakers located toward the rear of the listening area.

Most A/V surround-sound components also offer additional surround modes, many of which are designed to enhance music playback. With names like Concert Hall, Nightclub, and Stadium, such ambience-enhancement modes do not require encoded software. Rather, acoustic environments are created using combinations of delay and reverberation; some processors accomplish this via digital signal processing (DSP). The effectiveness of these modes is influenced greatly by the recording (and how much preproduction processing it contains), the listening room, the speakers, and (of course) personal taste.

Finally comes the newest surround format, Dolby Surround AC-3 Digital, which uses six entirely

independent channels: left, center, right, separate left and right surrounds, and a dedicated bass-only channel for a subwoofer. The primary distinction between regular Dolby Surround and its digital counterpart is that AC-3 has five full-range channels (the bass and treble in Dolby Surround's single surround channel is severely limited), two of which are dedicated to producing surround information in stereo.

Currently, the only way to bring AC-3 home is via a very short list of laserdisc titles that carry an AC-3 soundtrack (look for the AC-3 logo). Fortunately, these discs also contain a Dolby Surround soundtrack, so you don't have to worry about your Dolby Pro Logic decoder becoming obsolete. To play the disc in AC-3 mode you'll need both an AC-3 decoder (either stand-alone or built into an A/V preamp or A/V receiver) and an AC-3-ready laserdisc player, which incorporates a special AC-3 output (several models are available).

Although only a handful of AC-3-equipped components are now on the market, you can expect to see many more becoming available in 1996. It's a little early to make sweeping generalizations, but the all-digital AC-3 seems to have a clear edge over Dolby Surround Pro Logic in terms of clarity, low-end impact, and openness of surround effects; additionally, the new format is capable of delivering whiz-bang surround effects that Dolby Surround's mono surround channel simply cannot match. Down the road, AC-3 may be incorporated into small-dish satellite systems like DSS or Primestar, and it is likely to be introduced in digital VCR's in coming years. AC-3 is also part of the U.S. high-definition television system, which is expected to come on line within a year or two. —D.K.

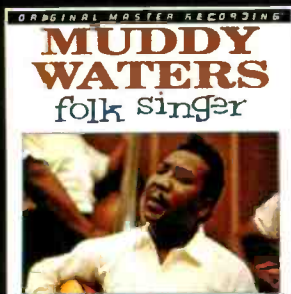
disc player, most people are buying CD changers these days, especially top-loading or drawer-loading "carousel" models that put a tray with five or six discs at your fingertips. Choosing a changer should mean no sacrifice in performance or sonic quality, but it will entail a price premium of at least 20 percent compared with equivalent-performance single-disc models.

Changers tend to offer more pro-

gramming features, too, including library facilities that display titles (after you've laboriously entered them the first time around) or remember a pre-programmed track sequence for an individual CD or a disc grouping. Such facilities are especially common among the high-capacity (50- or 100-disc) changers that have hit store shelves over the past couple of years.

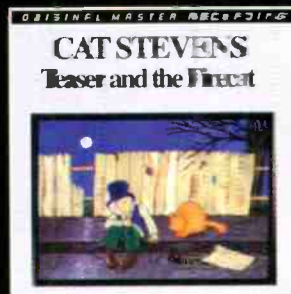
If you need to make recordings (or

ORIGINAL MASTER RECORDING™

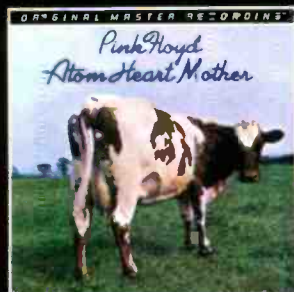


UDCD 593

ULTRADISC II™
— The GAIN System —



UDCD 649



UDCD 595



UDCD 543

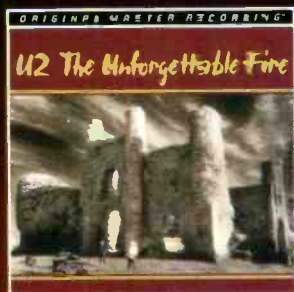


UDCD 2-608

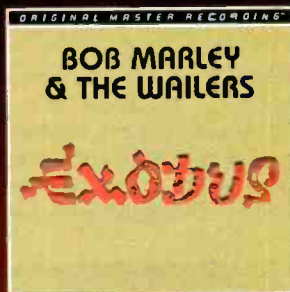
Nature's Encore



UDCD 642



UDCD 624



UDCD 628



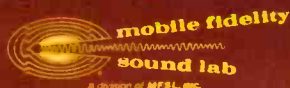
UDCD 634

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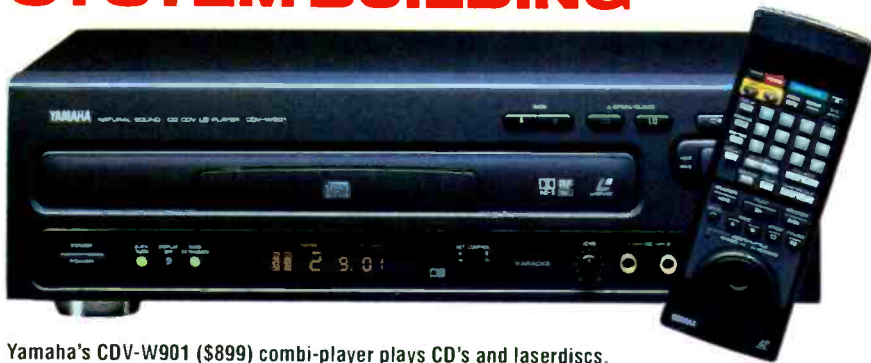
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In Canada call 800-257-1216

SYSTEM BUILDING



Yamaha's CDV-W901 (\$899) combi-player plays CD's and laserdiscs, making it a natural for home theater. It also plays the new Dolby Surround AC-3 laserdiscs.

combi-player in place of an audio-only CD player or changer. Sure, the cost will be 50 to 100 percent more than that of an equivalent audio-only player, but the payoff in home theater sound-and-image quality will be immeasurable.

A videocassette recorder is a necessity in most home theater systems, both for time-shifting off-air/cable programming and for playing videos, and it is important to choose a hi-fi model: The VHS Hi-Fi designation on a VCR means it will deliver (and record from stereo broadcasts) high-

JVC's XLV261TN (\$220) is a no-frills CD player offering random-access programming of up to thirty-two tracks and a remote control.



quality stereo audio, which in the case of Dolby Surround-encoded programs (including almost all movies) will in turn deliver full surround sound on playback. While you may come across a few non-hi-fi stereo VCR's, the quality of their linear audio tracks isn't much better than AM radio — certainly not good enough for home theater. Fortunately, the price premium for VHS HiFi VCR's isn't all that much — perhaps as little as \$50 above that of mono models with comparable non-audio features.



The Technics SL-PD1010 five-disc carousel CD changer (\$300) has a 4-megabit Memory Reserve to reduce access time between selections on different discs.

play a library of tapes you already own), many of today's analog cassette decks offer remarkable value. Even a basic, \$199 model can produce surprisingly good sound for casual listening or made-for-the-car compilation tapes. Jumping up to the \$500 price range will give you the ability to make CD dubs that are all but indistinguishable from the originals almost all the time. Top-end decks equipped with Dolby S — the latest evolution of the tape noise-reduction system from Dolby Laboratories — can rival digital tapes in terms of clarity, detail, and absence of noise.

And for cutting-edge types, the MiniDisc (MD) format lets you make digital recordings on a small optical disc that's about half the size of a CD and housed in a computer-diskette-like caddy. You can dub CD's digitally to create near-perfect copies, rerecord es-

entially infinitely, and edit recordings with speed and precision. It's a remarkable format, but the hardware is not cheap (at least \$400 for a portable recorder), nor are the discs, whether prerecorded (CD-length) or recordable blanks.

■ **HOME THEATER CONSIDERATIONS.** For delivery of high-quality audio and video, there is simply no substitute for the laser videodisc. Laserdiscs offer both the best video quality and the best audio quality currently available at home. True, laserdiscs are costlier than prerecorded videocassettes (about \$25 to \$50 each), and rental copies are usually harder to find. On the other hand, you don't need to buy a separate laserdisc player: Most of today's laserdisc machines are "combi-players" that accept both CD's and laserdiscs. If you're assembling a home theater system, you should seriously consider a

There are a thousand more nuggets of advice that I could pass on. But since this mountain of prose is now approaching Andean proportions, I'll limit them to two. First, trust your own judgment. Only you can decide which components, features, and performance attributes are most important to your lifestyle and listening preferences. Second, be patient: Just as great marriages are not made the minute you say "I do," great hi-fi and home theater systems are rarely assembled in one fell swoop (though it can certainly be done, especially when money's no object). So contemplate a long-term plan that maps out future upgrades of individual components or, possibly, a conversion from stereo to A/V surround-sound status. In the long run, you'll build a better marriage . . . er, system. □



(Actual size 18")



The new Digital Satellite System (DSS) is a miracle of modern technology. With a tiny 18" satellite dish, you not only receive crystal-clear picture and sound, you can also receive USSB, television's very best entertainment. In your home. On your TV.

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news and so much more, we can't possibly list it all here. In fact, between USSB and DirecTV, you have over 150 channels of outstanding entertainment to choose from, all navigated by an easy-to-use on-screen programming guide.

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Hall of Fame...

KCAG The defacto Reference standard in analog interconnects. This hyper-pure silver cable has earned a worldwide reputation amongst reviewers, consumers and manufacturers alike for its uncanny ability to resolve minute details and *throw* a proper soundstage. KCAG is continually selected as the cable of choice by more manufacturers and reviewers than any other we are aware of—a true honor indeed!

PBJ A direct descendant of KCAG, this highly acclaimed cable has literally “taken the industry by storm.” Since its introduction last year PBJ has literally outsold all other competing interconnects combined—even those costing hundreds more! PBJ has been quoted as being “close on the heels” to our KCAG. At the modest asking price now everyone can afford to have true *high end* performance at a *peanuts* price.

PR, VS, and TC LOUDSPEAKER CABLES represent the foundation of our business. Designed to substance, not to fad, these legendary cables deliver the same exacting performance today as they did almost a decade ago! Hear for yourself why more reviewers call these *neutral performers* the best values in loudspeaker cable today.

PostMaster™ Keeping the audio chain equally strong requires connectors that properly match cables to connectors. Our patented PostMaster™ spade connectors are simply the best choice for terminating loudspeaker cable—what more can we say? Patent #5108320

This picture tells the story: It provides greater insight to our design philosophy, to our code of ethics, and describes our vast range of cables and accessories (even our brochure has been recognized by MARCOM for excellence in print media). Request your copy today! But to *hear* the full story, simply take some favorite music to your nearest full line Kimber Kable dealer and listen, listen, **LISTEN!**

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SHOPPING SMART

A low-stress guide to buying better

BY BERNARD R. KINGSLEY

You've looked at brochures, talked with friends, read articles in STEREO REVIEW, and drooled over advertisements. Now you are ready to shop for that new piece of hi-fi equipment. Your biggest fear, at this point, is the salesperson. The fact is, a large number of customers are anxious and unhappy about dealing with sales staff, and the stores know it.

Salespeople are, in the minds of many, slick pitchmen who will push merchandise you don't want so that they can earn big commissions. But unless you plan to shop through a catalog (more and more of us do), you are likely to end up dealing with salespeople, and the experience can be surprisingly helpful as long as you (and they) follow some simple guidelines.

Greeting and Qualifying

Sales staff will begin contact with you by trying to establish a good basis for communication. Only the most inexperienced will ask, "Can I help you?" because the knee-jerk reaction is almost always, "No, I'm just looking." True, you may believe that the sales staff will keep you from exploring the merchandise, but good salespeople will offer to guide you to a range of products you might be interested in. One salesman I met had the perfect answer to "just looking." He

said, "Great. You can *touch* these, too, and really get a feel for what the product can do."

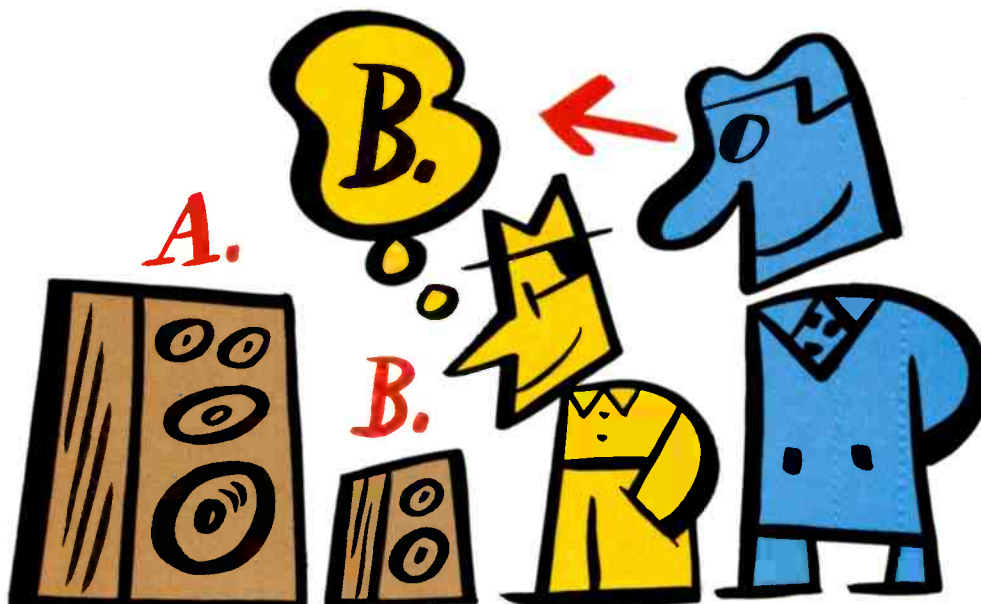
You should know that you were selected by the salesperson in a very unscientific manner. Most stores have an "up" system, meaning that salespeople take turns approaching new customers. Only the busiest stores will allow contact with anybody who happens to be available.

The fact that you have wound up paired with a particular salesperson does not mean you must deal with him, however. If you feel that you and the salesperson just don't hit it off, "shop around" for a different one. You might even ask the manager to assign a salesperson to you after a brief discussion of your needs. That would later offer you the advantage of being recognized as a serious customer.

Successful salespeople try to find out what the customer wants, and you are therefore likely to be asked some questions. The process is called qualifying the customer, and you can help yourself if you are willing to open up a little and disclose certain things.

You might be asked about the kind of music you listen to, the components you have in your system now, and the size of room you listen in. That information reveals both what you need and what you want. Price is tricky. Most customers don't want to disclose their budgets, but you can

ILLUSTRATIONS BY TIM CARROLL



Successful salespeople try to find out what the customer wants.

SHOPPING SMART



If a component has many more features than similarly priced models, ask where compromises were made.

save a lot of time if you give a range and ask to see several models within that range.

Features, Features

Many electronic components are priced according to features (not necessarily quality), and it will help if you give some indication of what your preferences are. The fact is, manufacturers are able to build almost any product to sell at almost any price. An autoreverse cassette recorder with plenty of bells and whistles can be priced at \$49. There is certainly a market for such a deck, but not among people who are serious about sound and construction quality.

Perhaps the biggest frustration salespeople have is that many customers forget quality and concentrate almost entirely on features. Remember to think about both. The whole purpose of buying a high-fidelity component is to get good sound. If a product is loaded with features while competing models at the same price have far fewer frills, you should wonder where compromises were made. There are few secrets to building audio components, and no one manufacturer has a lock on efficient production.

Your listening session should be with music you typically listen to. If the salesperson has done a good job, he or she will already have prepared for that. It's best, of course, to bring your own CD's.

Objections

Most customers don't buy anything, and usually the salesperson doesn't have a clue as to why. Much of a sales presentation involves finding out just what a customer is objecting to. "I want to look around some more" doesn't tell the salesperson where he failed. Be direct. If you are looking for other brands, different features, or a better price, say so. Such feedback not only helps you focus on your product choice, but it also informs the sales staff, the retailer, and ultimately the manufacturers about what the public's preferences are.

Negotiating

Negotiating price is more common in other countries, so it comes as no surprise that foreign nationals in the United States tend to haggle as they do in their own countries. What

might surprise you is that they are often quite successful. Don't assume that the price quoted is the final price. Even mass-market stores will discount at times if the purchase is significant (they won't discount that \$49 deck). Stores will discount to keep a customer, to meet a sales budget, or to clear out remaining inventory.

Discounts are more likely to be available at the end of a month (to meet a sales budget), and usually only managers are allowed to reduce price. Discounts can range from 10 to 25 percent on most items. Accessories and speakers may be discounted even more, since they tend to have higher profit margins. Accessories can come into the sale as a bonus, too. If the dealer won't budge on the price, try to get some accessories included. Throwing in a free case of tapes with a tape deck or a set of stands with speakers can improve the value to the customer and thus make a sale.

The key to negotiating is to make it clear that you are ready to buy *now*. Few managers will bargain unless it is certain that you are willing to put money on the table if you are presented with a meaningful discount.

Making It Long-Term

Electronic equipment has become highly reliable, but everything built by man is bound to break sooner or later. At the time of sale, make yourself familiar with the warranty and the service facilities. If there isn't a service department you should definitely inquire as to how the store plans to



The key to negotiating is to make it clear that you are willing to buy now.

handle future problems. Stores with lots of service may not always have the lowest prices, but they may nonetheless offer the best value.

Building relationships with dealers and salespeople can make buying hi-fi equipment much more rewarding. The most successful sales counselor I have ever known was a guy named Frank who seldom looked for customers on the sales floor. It never ceased to amaze me that so many customers came in asking for Frank. Customers knew that they could rely on him to direct

them to good products and to help them later with service problems. Frank was not only successful, he was happy in his job. I bet his customers were happy, too. □

Bernard R. Kingsley has worked as a sales counselor and sales manager for a number of consumer-electronics retailers.



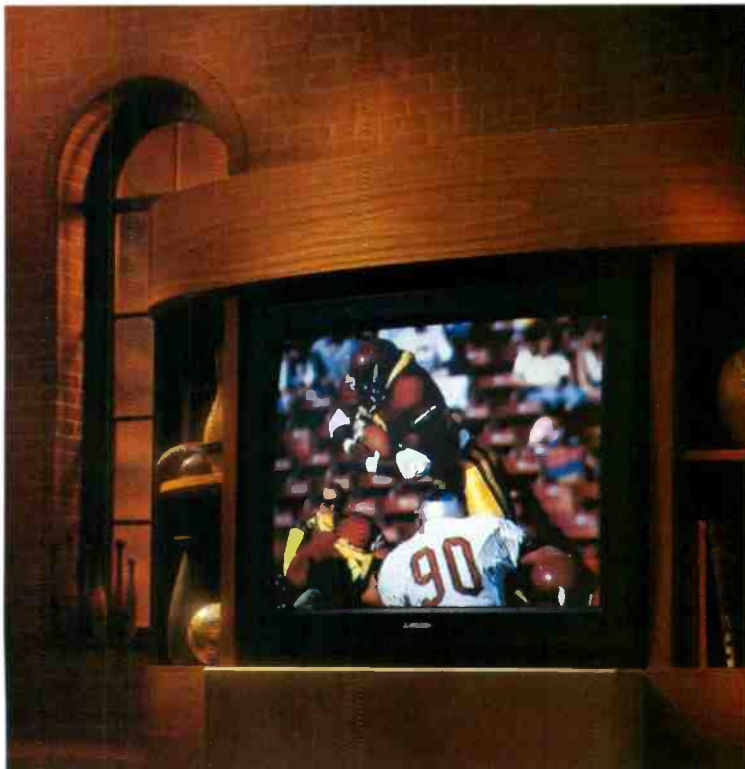
Our 1452-sq. ft. Diamond Vision® Stadium Screen.

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Like its big brother, our 40-inch tube TV is the only one of its kind, and the largest tube TV you can buy, made exclusively by Mitsubishi. With a screen size of 768 square inches—a full 31% bigger than a 35-inch and an overwhelming 120% bigger than a 27-inch—it brings the action from the stadium right into your living room.

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But size is just part of the story. Our 40-inch television also has a brighter picture, higher contrast, and a longer life than just about anything else out there.

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The only place you can buy our remarkable 40-inch TV is at an authorized Mitsubishi dealer. For the location of one in your area, please call 1-800-937-0000, Ext. 852.

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Quality....

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The Dynaco Compact Disc Player brings audio's most proven, high quality technology to your CD collection.



The Dynaco Compact Disc Player combines the dynamic range and sophistication of vacuum-tube technology with cutting-edge digital electronics. The listener's the winner. Bring a few of your favorite CDs to your Dynaco dealer, then sit back and let your ears convince you. Dynaco continues to define audio quality after more than four decades of leadership.

dynaco....The Definition of Quality



Cambridge SoundWorks Ensemble IV speaker system

Welcome to the world's most comprehensive guide to stereo and audio-for-video equipment. In the following 212 pages, you'll find summary descriptions of more than 8,000 components and accessories — that's right, 8,000!

The listings are divided into component categories and ordered alphabetically by manufacturer (or brand name in some cases). Within each manufacturer's section, components appear in descending price order, from most to least expensive.

All of the product descriptions are based on information provided by the manufacturers and include key features, performance specifications, and suggested retail prices (actual selling prices may vary). Note that specs have *not* been verified by *Stereo Review* lab tests. Terms and abbreviations in the listings are explained in the Glossary beginning on page 243.

For more details on any of the products in the guide, contact an authorized dealer or the manufacturer. Manufacturers' addresses and telephone numbers are listed in the Directory beginning on page 234.

Whether you're in the market for a CD changer, an A/V receiver, a power amplifier, or a speaker stand, *Stereo Buyer's Guide 1996* will help you get a handle on your options. Happy shopping!



Infinity Compositions speaker

Definitive Technology PowerFielo 15 subwoofer and BPT satellite/surrounds

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243	GLOSSARY

Denon AVR-900 A/V receiver



Sherwood DD-4050C double cassette deck



Kenwood DP-R5070 CD changer



McIntosh MC7100 power amp



ACCUPHASE

DP-75 CD Player

20-bit D/A converter. Features double-heterodyne-diode laser pickup; 3-pole discrete analog filter; balanced drive circuitry for servo motors; digital CD-mechanism control. HPC and Toslink fiber-optic digital inputs; HPC coaxial BNC digital input; unbalanced output; Toslink and coaxial digital outputs. Digital level control; track search; track/time displays; remote control. FR 4-20,000 Hz ± 3 dB; THD 0.0024% from 20-20,000 Hz; S/N 120 dB; dynamic range 98 dB; ch sep 110 dB. 18 $\frac{1}{4}$ x 5 $\frac{1}{8}$ x 15 $\frac{1}{2}$ in; 42.6 lb\$9,995

DP-90 CD Transport

Features double-heterodyne-diode laser pickup. HPC and Toslink fiber-optic digital outputs; balanced digital output; coaxial output. Track search; track/time displays; remote control. 18 $\frac{1}{4}$ x 5 $\frac{1}{8}$ x 15 in; 45.2 lb\$8,995

DP-65 CD Player

20-bit D/A converter. Features double-heterodyne-diode laser pickup. Toslink fiber-optic and coaxial digital outputs; balanced and unbalanced outputs. Track search; track/time displays; remote control. THD 0.0025% from 20-20,000 Hz; S/N 118 dB; dynamic range 98 dB; ch sep 106 dB. 18 $\frac{1}{4}$ x 5 $\frac{1}{8}$ x 15 $\frac{1}{4}$ in; 34.4 lb\$6,695

ACURUS

ACD11 CD Player

1-bit D/A converter. Features glass optics to focus laser; chassis suspended on air cushion; steel form chassis; arm suspension utilizing 3 layers of micro-cellular elastomer in constrained form. Coaxial digital output. Random/repeat play; defeatable display lighting; programmable remote control. 19-in front panel optional. FR 5-20,000 Hz ± 0.3 dB; THD 0.005%; dynamic range 92 dB; S/N 100 dBA; ch sep 88 dB. 17 x 5 x 11 in; 20 lb\$899

ADCOM

GCD-700 5-Disc CD Changer

Dual 20-bit Burr-Brown ladder-type D/A converters, 5-disc carousel. Features dual-transformer power supply; Class A analog output circuitry. Fixed- and variable-level RCA outputs; coaxial digital output. Selectable digital-domain phase reverse; remote control. FR 20-20,000 Hz -0.5 dB; THD 0.005%; S/N 100 dBA. 17 x 4 $\frac{1}{4}$ x 16 $\frac{1}{4}$ in; 15 lb\$700

AIWA

DC-C100M 100-Disc CD Changer

Dual 1-bit D/A converters. Fiber-optic digital output; AUX input. 99-track programming; direct track/disc access; random play; 4 repeat modes; 20-track music calendar; remote control. 8 $\frac{1}{4}$ x 13 $\frac{1}{4}$ x 14 $\frac{1}{2}$ in; 14.1 lb\$650

AMC

CD6 CD Player

1-bit D/A conversion. Features metal-oxide resistors; Philips transport and laser assembly. Coaxial and fiber-optic digital outputs. Remote control\$599

CDM7 CD Transport

Features Philips-based design. Fiber-optic digital output. Remote control\$499
MD5403. Bitstream vacuum-tube D/A-converter module with balanced output\$399
MD5401. Bitstream D/A-converter module\$179
MD5402. Digital output module\$179

ARCAM

Delta 270 CD Player

Hybrid multiple/1-bit PCM69 Burr-Brown D/A converter. Features Philips CDM-9 single-beam mechanism; direct coupling of D/A converter from output stages; polymer-based antivibration suspension. 2 coaxial digital outputs. Upgradable D/A converter and output



Technics SL-PD887 five-disc CD changer

circuit board; repeat; skip; 20-track programming; defeatable display; remote control with level control for Arcam amplifiers. FR 10-20,000 Hz -0.5 dB; S/N 103 dB; dynamic range 96 dB\$1,600

Delta 250 CD Transport

Features separately powered digital output module. Two coaxial, one BNC, and one Toslink fiber-optic digital outputs. Optical receiver for synchro operation with Arcam Delta Black Box 50 D/A converter or Delta Black Box 500 D/A converter. AT&T fiber-optic output optional\$1,500

Alpha 5+ CD Player

Dual 16-bit D/A converters. Features Philips CDM-9 single-beam mechanism. Coaxial digital output. Upgradable D/A-converter board; track search; 3 search speeds; 20-track programming; defeatable display; direct track access; random play; intro scan; repeat; remote control with level control for Arcam amplifiers. FR 20-20,000 Hz -0.5 dB; S/N 105 dB; dynamic range 96 dB\$899

Alpha 6. As above, with 1-bit D/A converter on plug-in digital filter/D/A-converter board\$1,200

Alpha One CD Player

Multiple-level Delta-Sigma D/A converter. Features Sony CD mechanism; separately powered master clock and audio output stages. Coaxial digital output. Random play; repeat; intro scan; 22-track programming; remote control\$599

AUDIO ALCHEMY

DDS Pro CD Transport

Features Pioneer Stable Platter mechanism; inverted disc position to reduce resonance; mechanism, controller, and display interfaces enclosed in their own shielded environments; resonance-damped mechanical enclosure; isolated shielded multiple-layer printed circuit board; power supply with 12 separately regulated regulator/buffers; detachable AC cord with integrated line filtering. I²S digital output for Audio Alchemy devices; SPDIF BNC-coaxial and XLR-balanced outputs. Remote control. ST glass output optional\$1,395

DDS III CD Player

1-bit D/A conversion. Features Sony-based engine; concentric-chassis design to isolate mechanism and controller mechanically and electrically; digital tracking servo; 18-bit D/A-converter resolution; detachable AC cord with integrated line filtering. Analog outputs; buffered digital output. Remote control\$699

AUDIOLAB

Model 8000CDM CD Transport

Features Philips CDM-9 mechanism; 10 independent power supplies. Coaxial and balanced AES/EBU outputs. Remote control. 17 $\frac{1}{2}$ x 3 x 13 in; 16 lb\$2,175

AUDIOMECA

Mephisto CD Transport

Top loading. RCA and BNC outputs. Features cover, platter, and laser assembly suspended and decoupled from main cabinet. Programmable remote control. AT&T ST or balanced-XLR output optional. Black polished metacrylate and gold\$3,095

Kreatura 2 CD Player

18-bit D/A converter. Features 3-beam laser pickup; rigid vibration-damped 3-point laser-mechanism suspension; decoupled and damped servo and decoder board; polypropylene output condensers. Toslink fiber-optic digital output; 2 gold-plated RCA connectors with Teflon insulation. Track programming; remote control. Coaxial digital output optional. Glossy black metacrylate and polished stainless steel. 10 x 5 $\frac{1}{2}$ x 15 $\frac{1}{2}$ in; 17.6 lb\$2,095
Kreatura 1. Transport version of the above. Teflon-insulated coaxial RCA and BNC digital outputs; Toslink fiber-optic digital output. AES/EBU balanced-XLR output or AT&T ST fiber-optic digital output optional\$1,795

Damnation CD Transport

Top loading. Features Philips CDM-12 laser mechanism; special decoupling and mechanical grounding; high-frequency shielding; separate power supply for digital display. Gold-plated Teflon-insulated RCA and BNC coaxial digital outputs. AT&T and AES/EBU balanced-XLR digital outputs optional. Glossy black metacrylate. 10 lb\$1,195

AUDIO RESEARCH

CD1 CD Player

Features Philips CDM-12.1 drive; 3-beam laser pickup; servo/control and signal-data microprocessors; electronic digital-jitter elimination; regulated power supply. AT&T ST glass fiber-optic, BNC coaxial, AES/EBU XLR, and Toslink digital outputs; balanced-XLR and unbalanced-RCA fixed-level analog outputs. Track skip/scan; random play; repeat; vacuum-FL display; remote control. FR 0.1-20,000 Hz ± 0.2 dB; S/N 95 dBA; ch sep 94 dB at 1,000 Hz. 2-yr warranty. 19 x 5 $\frac{1}{2}$ x 11 $\frac{1}{4}$ in; 16 lb\$2,995
CDT1. Transport version of the above\$2,495

BANG & OLUFSEN

Beogram CD7000 CD Player

Dual 16-bit D/A converters. Integrates with Beosystem 7000. Features digital Bessel/elliptical analog filter. Track-time, elapsed-playing-time, remaining-time, and track-number displays; track programming. FR 3-20,000 Hz ± 0.3 dB; S/N 110 dB. 16 $\frac{1}{2}$ x 3 x 12 $\frac{1}{4}$ in; 18.4 lb\$1,250

BITWISE AUDIO TECHNOLOGIES

Musik System CDT-One CD Transport

Balanced AES, coaxial-BNC, and glass-ST digital outputs. Features synchronous operation mode; inverted-platter operation; 8 digital power supplies; separate motor and servo power supplies; distributed jitter-reduction reclocking and noise-reduction circuits; electrical digital-output isolation; mechanical chassis tuning and isolation. Track/disc remaining-time displays; 3 repeat modes; 24-track programming; remote control. 19 x 13 x 5 $\frac{1}{2}$ in; 20 lb\$2,450

BOSE

Lifestyle 5 CD Music System

All-in-one system featuring CD player, AM/FM tuner with 30 presets, amp rated at 100 W x 1 (subwoofer) + 50 x 2 (satellites), subwoofer with 8-in driver, and

two magnetically shielded satellites, each comprising 2½-in driver in each of 2 attached rotating cubes. Features Dynamic Equalization; RF remote control. Black-veneer subwoofer; black or white satellites. Subwoofer 12½ x 21½ x 10 in. Each satellite 3 x 6½ x 4¾ in \$1,499
Lifestyle 3. As above, amp rated at 50 W x 1 (subwoofer) + 20 x 2 (satellites); subwoofer with 5¼-in driver; single-cube satellite speakers. Subwoofer 18½ x 7½ x 8½ in. Each satellite 3 x 3 x 4¾ in \$1,099

CALIFORNIA AUDIO LABS

Master Series CD Transport

Meets AES/EBU professional and broadcast standards. Features digital-servo control; custom output clock; jitter-reduction circuitry; 24-karat gold with black nickel chassis; printed circuit board construction. Coaxial, XLR, AT&T, and Toslink digital outputs. 11.5 lb \$4,500

Icon MkII CD Player

18-bit hand-trimmed D/A conversion. Features digital-servo control; discrete FET analog stage. Coaxial digital output. Remote control. Fiber-optic digital output optional. FR 10-20,000 Hz -0.2 dB; THD 0.002%; S/N 102 dB; dynamic range 105 dB; ch sep 91 dB \$995

DX-10 5-Disc CD Changer

20-bit D/A conversion, 5-disc carousel. HDCD compatible. Features discrete analog stage. Coaxial digital output. Track programming; remote control. 18 lb \$995

Delta CD Transport

Meets AES/EBU Professional and Broadcast standards for jitter and clock-error rate. Features digital-servo control; custom output clock; jitter-reduction circuitry. AES/EBU balanced-XLR, Toslink fiber-optic, and coaxial digital outputs. Remote control. AT&T fiber-optic digital output optional \$895

DX-1 CD Player

1-bit Delta-Sigma D/A conversion. Features digital-servo transport; discrete FET analog stage. Coaxial digital output. Remote control. FR 10-20,000 Hz ±0.2 dB; THD 0.007%; S/N 91 dB; dynamic range 90 dB; ch sep 86 dB \$595

CAMELOT TECHNOLOGY

Merlin CD Transport

Features closed-loop digital-servo control; separate power supplies for servo control and digital transmission. Coaxial digital output; AES/EBU output. AT&T ST fiber-optic digital output optional \$1,195

CARVER

SD/A-360 5-Disc CD Changer

Dual 1-bit D/A converters. Features 3-beam laser pickup. Fiber-optic digital output. Tape edit; 3 random-play and 4 repeat modes; 30-track programming; removable rack handles; remote control. FR 20-20,000 Hz ±0.5 dB; THD 0.004%; S/N 100 dB. 17 x 4 x 16¾ in; 15 lb \$599

CARY AUDIO DESIGN

CD-300 Tube CD Player

Dual 20-bit D/A converters. Features Pioneer Stable Platter drive; three 12AU7 triode vacuum tubes in low-pass filter network, analog-gain stage, and output buffer. FR 4-20,000 ±0.1 dB; S/N 105 dB. Aluminum chassis in wrinkle-black finish with black anodized aluminum faceplate; 24-karat gold-plated faceplate optional. 17 x 4 x 11 in; 15 lb \$1,995

CEC

TL-0 CD Transport

Features belt-drive design; 3-tower transport mechanism; 30-mm sandwiched brass and aluminum construction; external isolated power supply; 1-lb disc clamp/flywheel; 35-lb chassis. Coaxial digital output; AT&T ST fiber-optic digital output; AES/EBU balanced

digital output. Remote control. Satin-black finish with chrome accents \$17,500

TL-1 CD Transport

Features separate belt-driven pickup motor; precision-machined bearing; low-torque drive motor; 1-lb disc clamp/flywheel; 37-lb chassis. 2 coaxial digital outputs; AES/EBU XLR output; AT&T ST fiber-optic output. Remote control. Satin-black anodized aluminum finish; available in gold through special order \$4,950

TL-2 CD Transport

Features separate belt-driven pickup motor; disc clamp/flywheel; 28-lb chassis. Coaxial digital output; AT&T ST fiber-optic digital output; AES/EBU balanced digital output. Remote control. Powder-coated black epoxy finish \$2,995

COUNTERPOINT

DA11.5A CD Transport

Front loading. Features regulated power supply for each digital IC. 1 Toslink fiber-optic and two BNC digital outputs \$1,895
 AT&T ST glass fiber-optic input for above \$200
 AES/EBU balanced output for DA11.5A \$200

CREEK

CD42 CD Player

1-bit Delta-Sigma D/A converter. Features 3-beam linear laser and loader assemblies; separate power supplies for transport and D/A-converter sections; grain-oriented steel transformer with separate windings; digital control circuitry; modular upgradable design. AES/EBU digital output. Gold-plated analog RCA outputs. Pause; track skip; backlit LCD; remote control. FR 4-20,000 Hz ±0.5 dB; THD 0.03% at 0 dB; S/N 90 dB; dynamic range 100 dB; ch sep 100 dB at 1,000 Hz. 16¾ x 3¾ x 11¼ in; 9 lb \$1,095

DENON

DP-S1 CD Transport

Top loading. Features 32K anti-jitter buffer; air-tight shield; sand-cast chassis frame; triple floating suspension; linear motor drive floating along 2 parallel guide shafts via magnetic colls; die-cast aluminum door; disc stabilizer. AT&T ST, Toslink, AES/EBU balanced-XLR, unbalanced-RCA, and BNC outputs; ST Gen-Lock connector for synchronization with D/A converter \$8,000

DCD-S1 CD Player

Four 20-bit D/A converters. Features top loading; disc stabilizer; Alpha processor for 20-bit resolution; linear slide motor; aluminum sand-cast frame; brushless DC spindle motor. AES/EBU digital output; coaxial and fiber-optic digital outputs; balanced and unbalanced analog outputs. Remote with volume control \$5,000

DCD-S10 CD Player

Four 20-bit D/A converters. Features Alpha processor for 20-bit resolution; linear slide motor, motor-driven volume control. Coaxial and fiber-optic digital inputs and outputs; balanced and unbalanced analog outputs. Remote with volume control \$1,500

DCD-3000 CD Player

Four 20-bit D/A converters. Features Alpha processor for 20-bit resolution; linear slide motor; center-mount transport; motor-driven volume control. Coaxial and fiber-optic digital inputs and outputs; balanced-XLR and unbalanced-RCA outputs. Peak search; tape edit; programmable fade in/out; random play; repeat; index search; 20-track programming; display with 3 brightness settings; remote with volume control \$1,200

DCD-1015 CD Player

Two 20-bit D/A converters. Features Alpha processor for 20-bit resolution; center-mount transport. Coaxial and fiber-optic digital outputs. ±12% digital pitch control in 0.1% steps; peak search; tape edit; program-

mable fade in/out; random play; repeat; index search; 20-track programming; display with 3 brightness settings; remote with volume control \$500

DCD-815 CD Player

Two 18-bit D/A converters. Features zero-cross-distortion elimination; noise shaping. Coaxial digital output. ±12% pitch control; A/B repeat; synchro play with compatible cassette decks; tape edit; repeat; 20-track programming; 12-step digital attenuator in 1.5-dB steps; direct track access; 20-track music calendar; defeatable display; remote control \$300
DCD-615. Above without digital output, pitch control, or A/B repeat \$250

CD Changers

The following, except DN-1200F/C and DN-1400F, feature the ability to change four discs while one disc plays.

DN-1400F 200-Disc CD Changer

Two 100 disc transports. RS-232C, RS-422A, and SCSI-2 computer interfaces; RCA and XLR outputs for each drive; AES/EBU digital outputs for each drive. Ability to play 2 CD's simultaneously; ability to segue music from one disc in one transport to next disc in 2nd transport. Includes Windows and Macintosh computer control programs. 17¾ x 9¾ x 18¼ in; 51 lb \$4,000

DN-1200F/C 200-Disc CD Changer

Dual 20-bit D/A converters, two 100-disc trays. Comprises DN-1200F 200-disc changer and DN-1200C controller. Features 20-bit digital filter; zero-cross-distortion elimination; switchable RS-232C/RS-422A computer-control interface with 9-pin D-sub connectors. Balanced-AES/EBU and unbalanced-RCA outputs. Ability to create and label custom programs; memory for six 100-track programs; memory for CD grouping with naming; multiple DN-1200F control; random play; repeat; alphanumeric display; remote control. FR 2-20,000 Hz; THD 0.0025%; S/N 110 dB; dynamic range 100 dB; ch sep 105 dB. Changer 17¾ x 9¾ x 18½ in. Controller 17¾ x 3¼ x 10½ in \$4,000

DCM-560 5-Disc CD Changer

Two 20-bit D/A converters, 5-disc carousel. Features Alpha processor for 20-bit resolution; D/A converters hand tuned to eliminate zero-cross errors; motor-driven volume control; vibration-resistant chassis. Coaxial digital output. Bidirectional carousel rotation; favorite-track memory for 100 discs; synchro play with compatible cassette decks; 3 random-play modes; 5 repeat modes; 20-track programming; direct track access from front panel or remote; remote control \$600
DCM-460. Above without motor-driven volume control or chassis vibration resistance \$430

DCM-340 5-Disc CD Changer

Two 18-bit D/A converters, 5-disc carousel. Bidirectional carousel rotation; 3 random-play modes; 5 repeat modes; 20-track programming; direct track access from remote; remote control \$300

Combi-Players

LA-3500 Combi-Player

20-bit D/A converter. Plays CD's and videodiscs. Features 8-bit digital field memory for still images; 3-line-correlation digital Y/C separation; digital time-base correction; brushless direct-drive motor; digital servo processor; glass lens laser. Dual-side play \$2,000

LA-2300 Combi-Player

Plays CD's and videodiscs. Features independent CD-playback tray; CD-direct switch to disable video circuitry. Dolby Surround AC-3 RF output; S-video output; fiber-optic digital output. On-screen displays \$700

DUAL

CD5150 CD Player

16-bit D/A converter. 20-track programming; remote control. FR 2-20,000 Hz; S/N 100 dB \$555

CD1070 CD Player

Dual 18-bit D/A converters. 16-track programming; remote control. FR 20-20,000 Hz; S/N 90 dB\$345

DYNACO

CDV-1 Tube CD Player

Philips 1-bit Bitstream D/A conversion. Features two 6DJ8 vacuum tubes in output stage; Philips loading and 3-beam-pickup mechanisms. Variable output level. 1-yr warranty. FR 20-20,000 Hz ± 0.5 dB; THD 0.01%; S/N 96 dB; dynamic range 90 dB; ch sep 85 dB at 1,000 Hz. 17 1/2 x 3 3/4 x 13 in; 17 lb\$699

EMERSON

HD6825 Portable CD Player

1-bit D/A converter. Features 3-beam laser pick-up. 21-track programming; random play; repeat; bass boost; built-in Ni-Cd battery recharger. Operates on 4 AA batteries. Includes carrying case, patch cords, and headphones. FR 20-20,000 Hz; THD 0.1%; S/N 78 dB; ch sep 60 dB. 5 1/4 x 6 3/4 x 1 1/2 in; 0.7 lb\$110

HD6925. Above with car-cassette adaptor and cigarette-lighter plug\$120

ENLIGHTENED AUDIO DESIGNS

T-8000 Combi-Player Transport

Dolby Surround AC-3 RF output; coaxial, AT&T ST, Toslink, and AES/EBU-balanced digital outputs. Track/disc remaining-time displays; 24-track programming; random play; 4 repeat modes; remote control\$4,395

CD-1000 Series III CD Player

20-bit D/A conversion. HDCD compatible. Features dual-differential D/A conversion; Stable Platter mechanism. Fixed analog output; coaxial digital output. Upgradable design; track remaining-time display; 24-track programming; random play; remote control. FR 0-20,000 Hz ± 0.1 dB; THD 0.001%; S/N 100 dBA. 2-yr warranty\$1,995

T-1000 CD Transport

Features relocking circuitry. AT&T ST fiber-optic digital output; coaxial digital output. 24-track programming; random play; remote control\$1,195

ENSEMBLE

Dichrono Drive CD Transport

Features Teac CMK-3 disc-clamping system; brushless Hall motor; floating suspension system; linear-tracking laser pickup; servo-controlled tracking; remote control. Includes Honeyplate resonance-control platform, 1-m Digiflux 75 coaxial digital cable, and 2-m Powerflux cable. 10 x 6 x 16 in; 28.6 lb\$8,995

ENTEK

Number Server 180 CD Transport

Features belt drive. Remote control. Silver finish. 36 lb\$4,750
Power cord. Goldstein\$375
Power cord. Reference\$150
Custom Canare connect set\$90

ESOTERIC

P2s CD Transport

Features overhead turntable with double-layer construction comprised of brass and aluminum layers; concave turntable surface; green turntable tint to absorb stray laser light; servo system with low-pass filter to eliminate servo-signal destabilizing elements and minimize pickup vibration; 1.6-mm sheet-steel chassis with die-cast base and aluminum front panel; disc tray machined from 8-mm-thick aluminum with support of 6 ball bearings; PC-OCG internal wiring; glass-epoxy gold-plated printed circuit board. AT&T ST fiber-optic, balanced-XLR, coaxial BNC and RCA, and Toslink fiber-optic digital outputs. Track/index select; search keys; time search; 40-track conventional/delete programming; 4 repeat modes; FL display with dimmer; remote control with controls for D-2 D/A converter\$7,000

X1 CD Player

Four 20-bit D/A converters. Features center-mounted mechanism to separate digital and analog circuitry; floating subchassis; zero-cross-distortion reduction circuitry; bipolar transformer; balanced signal path between digital and analog circuits; 18-dB/oct analog filter. Coaxial and fiber-optic digital outputs; balanced and unbalanced outputs. FL display with brightness control; remote control. FR 0-20,000 Hz ± 0.3 dB unbalanced; S/N and ch sep 110 dB at 1,000 Hz; dynamic range 102 dB at 1,000 Hz. 18 x 5 1/2 x 16 in; 37.5 lb\$5,000

P2 CD Transport

Die-cast zinc turntable; 8-mm-thick machined-aluminum disc tray with Nextel coating and 24-karat gold-plated front; sheet-steel and aluminum chassis with die-case base; aluminum front panel; floating subchassis suspension; 3-beam laser pickup; van den Hul matched-crystal silver-coated copper wiring in signal path. 2 coaxial and 2 fiber-optic digital outputs. Adjustable disc-tray open and close speeds; 40-track programming; 4 repeat modes; track/index/time search; defeatable display with brightness control; remote control. 8 3/4 x 5 1/4 x 19 1/2 in; 28.2 lb\$4,000

P10 CD Transport

Features die-cast aluminum turntable; aluminum disc tray with Nextel coating; floating subchassis suspension; antivibration double-construction chassis with die-cast base. Coaxial and fiber-optic digital outputs. 20-track programming; 3 repeat modes; track/index/time search; remote control. 8 3/4 x 5 1/4 x 17 1/4 in; 21.2 lb\$2,000

P700 CD Transport

Features die-cast aluminum overhead turntable; concave turntable surface with laser pickup at matching angle; 1.6-mm sheet-steel chassis with die-cast base and aluminum front panel. Coaxial-RCA and Toslink-fiber-optic digital outputs. 20-track conventional/delete programming; 4 repeat modes; track/time displays; remote control\$1,500

FISHER

CD changers can be controlled through the remote control supplied with any Fisher receiver.

Studio 60 DAC-6015 60-Disc CD Changer

Dual 1-bit D/A converters, 60-disc bidirectional vertical carousel. Features two bowed rollers to carry disc into mechanism that touches a disc only on its edges; 3-beam laser pickup. Toslink fiber-optic digital output; headphone jack with volume control. 60 user-programmable categories; 7 preset categories; 48-track programming; intro scan; all-disc/one-disc/category random play; 5 repeat modes; FL display; remote control with shuttle. FR 20-20,000 Hz; THD 0.03% at 1,000 Hz; S/N 100 dB; dynamic range 90 dB; ch sep 80 dB at 1,000 Hz. 1-yr parts-and-labor warranty. 16 1/2 x 7 1/4 x 17 1/2 in; 17.8 lb\$500

Studio 24 DAC-2415 24-Disc CD Changer

1-bit D/A conversion, bidirectional 24-disc carousel holding discs vertically. 7 factory and 24 user-definable disc categories; 48-track programming; intro scan; repeat; 2 random-play modes; scrolling 8-character alphanumeric display; remote control. 16 1/2 x 7 1/4 x 15 1/2 in; 15.4 lb\$350

DAC-503 5-Disc CD Changer

1-bit D/A conversion, front-loading 5-disc carousel. Tape edit; fader; 32-track programming; intro scan; random play; repeat; remote control\$250

PCD-60 Portable CD Player

1-bit D/A conversion. Features 10-second antishock buffer. Line-level output. Rock, Classical, and Jazz preset EQ curves with control of high and low frequencies; auto turn-off; 22-track programming; 3 repeat modes; search; backlit LCD. Operates on 2 AA batteries. Includes AC adaptor, rechargeable Ni-Cd battery, and car cassette adaptor. 5 1/2 x 1 1/2 x 6 1/2 in; 11.3 oz without battery\$220

PCD-5700 Portable CD Player

1-bit D/A conversion. Features 10-second antishock buffer. Line-level output. Defeatable DSP/EQ settings to boost bass and increase ambience; 22-track programming; 3 repeat modes; search; backlit LCD. Operates on 2 AA batteries. Includes AC adaptor, rechargeable Ni-Cd battery, car cassette adaptor. \$220

GOLDSTAR

FH-R20R 5-Disc CD Changer

Dual D/A converters, 5-disc carousel. Ability to change 4 discs while one disc plays; 32-track programming; random play; 4 repeat modes; remote control. 14 lb\$230

GPX

C3860 Portable CD Player

Line-level output; headphone jack. 16-track programming; repeat; skip/search; 6-digit LCD; bass boost. Operates on 2 AA batteries. Includes headphones\$72

C3865. Above with car-cassette adaptor and cigarette-lighter plug\$90

HARMAN KARDON

HD7525 CD Player

RLS D/A converter. Features discrete analog-output section; 4 separate power supplies for analog, digital, transport, and display sections; 3-beam optical laser pickup; spring-loaded disc-tray clamp. Coaxial digital output. 30-track programming; index search; audible 2-speed cue/review; intro scan; auto search; A/B repeat; display switch; music calendar; remote control\$569

FL8450 5-Disc CD Changer

Bitstream D/A converter, front-loading 5-disc carousel. Features 20-bit digital filter; dual-differential analog-output section with discrete circuitry. Fiber-optic digital output. Ability to change 4 discs while one disc plays; 3 repeat modes; 32-track programming; random play; intro scan; music calendar; remote control\$379

FL8400 5-Disc CD Changer

Bitstream D/A converter, front-loading 5-disc carousel. Ability to change 4 discs while one disc plays; 3 repeat modes; 32-track programming; random play; intro scan; music calendar; remote control\$349

HD7325 CD Player

3D Bitstream D/A converter. Features discrete analog-output section; balanced D/A interface; separate power supplies for analog, digital, transport, and display sections; 3-beam laser pickup. Coaxial digital output. Audible 2-speed cue/review; intro scan; auto search; A/B repeat; display switch; remote control\$319

JVC

The following feature a 1-year carry-in service-and-parts warranty.

XMD1 Portable MD Recorder

1-bit A/D and D/A conversion. Features 10-second antishock buffer. Analog and fiber-optic digital inputs and outputs; mic input. 32-character track labeling; SCMS copy-protection system; 4 editing modes; direct track access; auto disc loading; jog dial for audible search and scanning; synchro record with JVC CD players; intro scan; skip play; timer record/play; random play; track programming; repeat; mic-input attenuator; auto/manual track search; dot-matrix LCD panel with backlight; CompuLink remote-control compatibility; remote control. Operates via AC, rechargeable batteries, or car adaptor\$1,300

XLXCM301 101-Disc CD Changer

1-bit PEM D/A conversion, 100-disc transport, single-disc controller. Features 4th-order noise shaping; 3-beam laser pick-up. Daisy-chain connection for play and control of two XLXCM1 add-on transports; 10 user files; delete file; remote disc-title index and search; 300-disc random play; 4 repeat modes; di-

rect access; resume function; security door lock; delete play; 32-track programming; Intro scan; 300-disc title memory; continuous play; 20-track music calendar; FL display; CompuLink remote-control compatibility; remote control with LCD. THD 0.002%; S/N 107 dB; dynamic range 99 dB\$1,000
XLMM1. Add-on 100-disc transport for above. Features 3-beam laser pickup. Security door lock\$630

XLGM800TN 7-Disc Karaoke CD Changer

6-disc magazine, single-disc tray. Features CD+G graphics decoder; RF converter. 2 mic inputs; video input and output; audio output. Lyric-superimpose, digital-echo, digital key control, vocal replacement, repeat-practice, digital concert effect, and one-song-play karaoke functions; 32-track programming; 10-key direct track/disc access; remote control with key-control buttons\$850

XL317TN 7-Disc CD Changer

1-bit PEM D/A conversion, 6-disc magazine, single-disc tray. Features 4th-order noise shaping; independent suspension system; servo system. 32-track programming; auto/manual search; auto power-on/off eject; 4 repeat modes; 48-disc title memory; title-input jog dial; front-panel direct disc access; resume function; continuous play; 20-track program chart; FL display; CompuLink remote-control compatibility. THD 0.002%; S/N 107 dB; dynamic range 99 dB\$320
XL317TN. As above, with intro scan and remote control\$330
XCM75. 6-disc magazine for either of the above\$20

XL115TN 5-Disc CD Changer

1-bit PEM D/A conversion, front-loading 5-disc carousel. Features 4th-order noise shaping; independent suspension system; servo system; disc-stabilizing clasper. Headphone jack with volume control. Ability to change 4 discs while one disc plays; auto/manual search; front-panel direct disc access; continuous play; random play; 4 repeat modes; 32-track programming; FL display; CompuLink remote-control compatibility. S/N 107 dB; dynamic range 98 dB\$270
XL115TN. As above, with front-panel direct track access and remote control\$280

XLV261TN CD Player

1-bit PEM D/A conversion. Features 4th-order noise shaping; independent suspension system; servo system; disc-stabilizing clasper. Headphone jack with volume control. Front-panel direct track access; 4 repeat modes; auto and programmed edit functions; auto power-on/off eject; 32-track programming; auto/manual search; 15-track music calendar; CompuLink remote-control compatibility; remote control with direct access. THD 0.0025%; S/N 106 dB; dynamic range 98 dB\$220
XLV161TN. As above, without remote\$200

Portable CD Players

XL-P81CR Portable CD Player

1-bit D/A conversion. Features antishock memory; zero-cross distortion elimination; rubber dampening shock absorber held by upper and lower springs. Switchable bass boost; 20-track programming; intro scan; random play; repeat; track skip/search; key and LCD illumination when powered through car or AC. Includes car-mount accessories\$250
XL-P61CR. As above, no antishock memory\$200

XL-P41 Portable CD Player

1-bit D/A conversion. Features zero-cross distortion elimination; rubber dampening shock absorber held by upper and lower springs. Line-level and headphone outputs. Switchable bass boost. 20-track programming; intro scan; random play; repeat; track skip/search. Operates on 4 AA batteries. Includes headphones, rechargeable batteries, and AC adaptor. 5 1/4 x 1 1/4 x 6 3/8 in; 9.5 oz without batteries\$150
XL-P31. As above, without headphones or rechargeable batteries\$NA

KENWOOD

DP-J2070 100-Disc Changer

Dual 1-bit D/A converters, two 50-disc vertical-load

trays. Features switchable 16-megabyte buffer for continuous play; 3rd-order noise shaping. Computer keyboard input for creating title and artist disc-name file; first-letter disc-name search; 7 factory and 3 user music-type files; 30-track best-selection memory from any combination of discs; interface with DP-R6070 CD changer; 32-track programming; 3 random-play modes; 20-track music calendar; 12-character dot-matrix display; remote control. Video CD adaptor optional\$650

DP-J1070 100-Disc Changer

Dual 1-bit D/A converters, two 50-disc vertical-load trays. Features 3rd-order noise shaping. Ability to change discs in one 50-disc tray while disc in second tray plays; interfaces with DP-R6070 CD changer; 3 random-play modes; one-touch recording with compatible cassette decks; ability to link up to 3 units; time edit; 32-track programming; 20-track music calendar; remote control\$450

DP-R6070 5-Disc CD Changer

Dual 1-bit D/A converters, 5-disc carousel. Plays CD's and CD+G's. Features 3rd-order noise shaping. Gold-plated headphone jack with volume control. Ability to change 4 discs while one disc plays; 100-disc program memory; one-touch record with compatible cassette decks; random play; 32-track programming; audible track search; timer play; 20-track music calendar; remote control\$300
DP-R5070. As above, does not play CD+G's\$230
DP-R4070. As DP-R5070, without 100-disc program memory\$220
DP-R3070. As DP-R4070, without headphone jack or remote control\$160

DP-M5570 7-Disc CD Changer

Dual 1-bit D/A converters, 6-disc magazine, single-disc tray. Features 3rd-order noise shaping. Ability to change magazine or disc in single tray while other plays; one-touch record with compatible cassette decks; high-speed CD-to-tape dubbing; direct track access; 20-track programming; audible track search; timer play; 20-track music calendar; remote control\$250
DP-M3370. As above, without remote control\$199
CDM-600. 6-disc magazine for either model\$16.99

DP-2080 CD Player

Dual 1-bit D/A converters. Features 2nd-order noise shaping. Gold-plated headphone jack. One-touch record with compatible cassette decks; direct track access; random play; repeat; 20-track programming; audible track search; 20-track music calendar; remote control\$140

Portable CD Players

DPC-951 Portable CD Player

Dual 1-bit D/A converters. Features 4-megabyte antishock buffer; DSP for Live Presence, Bass Boost, and Pops, Rock, and Fusion EQ curves; 3-point disc locking; rubber damping. Audible scan; random play; repeat; highlight scan; last-position memory; key lock; 20-track programming; backlit LCD; remote control. Operates for 2 hrs on included rechargeable batteries or 6 hrs with rechargeable batteries and 2-AA battery extender. Includes headphones with remote control, battery-extender case, carrying case, rechargeable batteries, AC adaptor, interconnect cable, and car accessories\$280

DPC-551 Portable CD Player

Dual 1-bit D/A converters. Features 4-megabyte antishock buffer; DSP for Live Presence, Bass Boost, and Pops, Rock, and Fusion EQ curves; 3-point disc locking; rubber damping. Audible scan; random play; repeat; highlight scan; last-position memory; key lock; 20-track programming; backlit LCD. Operates for 2 hrs on included rechargeable batteries or 6 hrs with rechargeable batteries and 2-AA battery extender. Includes rechargeable batteries, AC adaptor, battery-extender case, and remote-control headphones\$180

DPC-451 Portable CD Player

Dual 1-bit D/A converters. Features DSP for Live Pres-

ence, Bass Boost, and Pops, Rock, and Fusion EQ curves; 3-point disc locking; rubber damping. Audible scan; random play; repeat; highlight scan; last-position memory; key lock; 20-track programming; backlit LCD. Operates for 2 hrs on included rechargeable batteries or 6 hrs with rechargeable batteries and 2-AA battery extender. Includes remote control, rechargeable batteries, AC adaptor, battery-extender case, and remote-control headphones\$160

DPC-351 Portable CD Player

Dual 1-bit D/A converters. Features DSP for Live Presence, Bass Boost, and Pops, Rock, and Fusion EQ curves; 3-point disc locking; rubber damping. Audible scan; random play; repeat; highlight scan; last-position memory; key lock; 20-track programming. Operates for 2 hrs on included rechargeable batteries. Includes headphones, rechargeable batteries, and AC adaptor. Remote-control headphone adaptor optional\$130

DPC-151 Portable CD Player

Dual 1-bit D/A converters. Features 3-point disc locking; rubber damping. Line-level output. Bass boost; audible scan; random play; repeat; highlight scan; last-position memory; key lock; 20-track programming. Operates on 4 AA batteries for 4 hrs. Includes AC adaptor. Remote-control headphone adaptor optional\$100

LINN

Karik CD Player

1-bit Delta-Sigma D/A conversion. Features servo transport control; screened circuitry; replaceable laser pickup. 2 RCA output pairs; BNC and fiber-optic digital outputs; remote-control jack for switching of other Linn products or multiroom use; diagnostic output. Software upgrading\$3,595

Mimik CD Player

1-bit Delta-Sigma D/A conversion. Features replaceable laser pickup. 2 RCA output pairs; BNC digital output; remote-control jack for switching of other Linn products or multiroom use\$1,595

LUXMAN

D-500X's CD Player

16-bit resistance-ladder-type D/A conversion. Features top loading; CDM-3 pickup mounted on swing arm; 5 independent power supplies; antiresonance/antivibration design with aluminum top panel and wooden side panels; separate mechanical, electronic, electric, and signal-handling sections; motor-driven volume control. Fixed- and variable-level outputs. FR 5-20,000 Hz ±0.5 dB; THD 0.004% at 1,000 Hz; S/N 105 dB; dynamic range 103 dB; ch sep 114 dB\$7,000
D-X500. As above, 18-bit D/A converter. Volume control not motor driven. Features coaxial digital output. Dynamic range 102 dB; ch sep 110 dB\$5,000

D-373 CD Player

18-bit resistance-ladder-type D/A converter. Features motor-driven volume control; line-phase sensor; Star circuitry. Fiber-optic digital output; system bus connection. Digital fade out; tape edit; 24-track programming; synchro play with compatible cassette decks; random play; repeat; auto scan; 20-track music calendar; timer play; FL display with 3 brightness levels; remote control. FR 5-20,000 Hz ±1 dB; THD 0.006% at 1,000 Hz; S/N 105 dB; dynamic range 97 dB; ch sep 100 dB. Black or champagne\$795

D-322 CD Player

18-bit D/A converter. Features floating pickup suspension; metal chassis and front panel; Star circuitry. 20-track programming; auto edit/space; random play; repeat; remote control. FR 5-20,000 Hz ±1 dB; THD 0.003% at 1,000 Hz; S/N 105 dB; dynamic range 100 dB; ch sep 103 dB. 17 1/2 x 4 x 11 in; 8.6 lb\$449

MAGNAVOX

CDC74517 5-Disc CD Changer

1-bit Bitstream D/A converter, 5-disc carousel. Fea-

tures motor-driven drawer. Ability to change 3 discs while one disc plays; 30-track programming; tape edit; auto space; cue and review; intro scan; random play; repeat; remote control. FR 20-20,000 Hz; THD 0.02%; S/N 84 dB; dynamic range 86 dB; ch sep 65 dB. 17 1/4 x 4 1/4 x 15 in; 13.9 lb\$170

CDC74817 5-Disc CD Changer

1-bit D/A conversion, 5-disc carousel. Features motor-driven drawer. Gold-plated headphone jack with volume control. Ability to change 3 discs while one disc plays; 30-track programming; tape edit; auto space; timed edit; cue and review; intro scan; random play; repeat; peak search; auto fader; remote control. 17 1/4 x 14 1/4 x 15 in; 13.9 lb\$160

Portable CD Players

The following feature random play and a hold switch, include headphones and an AC adaptor, and operate on 4 AA batteries.

AZ6848MX Portable CD Player

Dual 1-bit D/A converters. Features 4-megabyte antishock buffer memory; antishock mechanism. Digital sound control; 20-track programming; repeat play; resume play; LCD. Includes cigarette-lighter cord and car-cassette adaptor. 5 1/4 x 1 1/2 x 6 1/4 in; 0.6 lb ...\$200

AZ684317 Portable CD Player

1-bit D/A converter. Features 1-megabyte antishock buffer memory; antishock design. 6-digit multiple-function LCD display; resume play; bass boost. 5 1/4 x 1 1/2 x 6 1/4 in; 0.62 lb\$160

AZ684417. As above, with 3-position bass boost. Includes cigarette-lighter cord and car-cassette adaptor\$170

AZ683317 Portable CD Player

Dual 16-bit D/A converters. Features antishock design with 3 rubber dampers and 3 integrated springs. LCD; auto power-off; bass boost. Includes powered mini speakers and car-cassette adaptor. 5 1/4 x 1 1/2 x 6 in; 0.67 lb\$150

AZ6841MX Portable CD Player

Dual D/A converters. Bass boost; LCD. Includes car-cassette adaptor, cigarette-lighter cord, and car base plate. 5 1/4 x 1 1/2 x 6 1/4 in; 2.6 lb\$140

AZ683617 Portable CD Player

Dual 16-bit D/A converters. Features antishock design; heat-resistant top. 20-track programming; bass boost; LCD. Includes car-cassette adaptor and cigarette-lighter cord. 5 1/4 x 1 1/2 x 6 1/4 in; 0.64 lb\$130

AZ683117 Portable CD Player

16-bit D/A converters. Features antishock design. Bass boost; LCD. 5 1/4 x 1 1/2 x 12 1/2 in; 0.67 lb ...\$120
AZ683217. As above, dual 16-bit converters. Includes car-cassette adaptor and cigarette-lighter plug\$130

MARANTZ

CD-23 CD Player

4 Philips differential Bitstream D/A converters. Features 20-bit digital filter; Philips CDM-9 single-beam laser mechanism; 3rd-order noise shaping; Philips SAA-7310 decoder; solid alloy front panel and chassis casing. Analog outputs; coaxial digital output. Track scan; repeat; index play; remote control. FR 20-20,000 Hz ±0.1 dB unbalanced; THD 0.00135%; S/N 108 dB; dynamic range 96 dB; ch sep 100 dB. 9 3/4 x 5 1/2 x 11 in; 13 1/2 lb\$2,500

CD-17 CD Player

Dual differential 1-bit Bitstream D/A converters. Features CDM-12.1 3-beam holographic mechanism; Philips integrated digital servo controller with demodulator/decoder. Analog outputs; Toslink fiber-optic and coaxial digital outputs. Track scan; repeat; index play; display dimmer; tape edit; peak search; remote control. FR 5-20,000 Hz ±0.2 dB; THD 0.002%; S/N 104 dB; dynamic range 97 dB; ch sep 98 dB. 18 x 3 1/2 x 12 in; 13 lb\$1,200

EC-500 CD Player/Preamp/Tuner

Features CDM-12 3-beam laser mechanism. Line-level outputs for left, center, right, 2 surround, and mono/stereo-subwoofer channels; composite- and S-video inputs and outputs; coaxial digital output; signal-processor loop; line-level multiroom outputs. Dolby Pro Logic decoder with adjustable digital delay; auto input balance; 30 AM/FM presets; synchro play with compatible cassette decks; record-out selector; clock/timer; on-screen displays; display with dimmer; remote control. 16 1/2 x 4 x 13 1/4 in\$1,099

AC-500. As above, without video or Dolby Pro Logic functions\$699

LV-520 Combi-Player

1-bit Bitstream D/A conversion. Plays CD's and videodiscs. Features CD-direct mode with separate CD tray in center of videodisc drawer; 3-line Y/C separator with digital time-base corrector. Dolby Surround AC-3 RF output; 1 S-video and 2 composite-video outputs; 2 audio-outputs pairs. Dual-side play; 6-speed variable forward/reverse; last-position video memory with preceding-video scan; 7 repeat modes; theater mode defeating on-screen displays; override of videodisc stop codes; defeatable FL display; remote control with shuttle. FR 20-20,000 Hz ±0.1 dB; THD 0.002%; S/N 114 dB; dynamic range 98 dB. 17 x 5 1/2 x 17 1/2 in; 18 lb\$800

LV-510 Combi-Player

1-bit Bitstream D/A conversion. Plays CD's and videodiscs. Features separate CD tray in center of videodisc drawer; digital time-base corrector; color drop-out compensator; digital 3-line comb filter; 3-beam laser pickup. S-video output. Dual-side videodisc play; clear CAV/CLV scan; color scan; random play; 24-chapter/track programming; repeat; last-position memory; tape edit; intro chapter/track scan; variable output level; remote control with shuttle. FR 20-20,000 Hz ±0.1 dB; THD 0.002%; S/N 114 dB; dynamic range 98 dB. 17 x 5 1/2 x 17 1/4 in\$799

CD-63 Mk II CD Player

Dual 1-bit Delta-Sigma Bitstream D/A converters. Features CDM-12 laser mechanism with 3-beam laser and photo-diode pickup; proprietary analog-stage op amp combining discrete output circuit in integrated package; 4th-order noise shaping; digital de-emphasis and muting; digital drive servo; main power transformer with OFC copper primary and secondary windings. Gold-plated analog output; coaxial and fiber-optic digital outputs. Tape edit; peak search; 30-track programming; display with dimmer; remote with volume control. FR 5-20,000 Hz ±0.5 dB; THD 0.0025%; S/N 104 dB; dynamic range 96 dB; ch sep 102 dB. 16 1/2 x 4 x 12 in\$400

CD-63SE. As above, with OFC power-supply windings and stronger chassis\$499

CD-53. As CD-63, without proprietary analog-stage op amp or fiber-optic output. Ch sep 100 dB ...\$349

CC-65 5-Disc CD Changer

1-bit Bitstream D/A conversion, 5-disc carousel. CDM-12 laser mechanism; 2nd-order noise shaping. Coaxial digital output; analog output. Ability to change 3 discs while one plays; 32-track programming; random play; repeat; peak search; tape edit; variable output level; remote control. FR 5-20,000 Hz ±0.5 dB; THD 0.0025%; S/N 110 dB; dynamic range 96 dB; ch sep 100 dB. 17 1/4 x 4 1/4 x 15 in\$399

CC-65SE. As above, with upgraded analog output section, higher-grade capacitors, and solid metal bottom plate added to chassis foundation\$500

Slim Series CD-1020 CD Player

1-bit Delta-Sigma Bitstream D/A conversion. One of three Slim Series components featuring compact chassis and hinged titanium front panels that conceal all controls. Features 4th-order noise shaping. Analog and Toslink-digital outputs. Normal/delete track programming; tape edit with fading; auto peak-level search; track scan; 3 repeat modes; random play; remote control. Can also be operated by system remote supplied with SR-1020 receiver. FR 5-20,000 Hz: THD 0.005%; S/N 102 dB; dynamic range 96 dB; ch sep 100 dB. 16 1/2 x 3 x 12 1/4 in; 9 lb\$399

CC-45 5-Disc CD Changer

1-bit Bitstream D/A conversion, 5-disc carousel. Features CDM-12 laser mechanism; 2nd-order noise shaping. Coaxial digital output. Ability to change 3 discs while one disc plays; 32-track programming; random play; repeat; tape edit; peak search; variable output level; remote control. FR 5-20,000 Hz ±0.5 dB; THD 0.0025%; S/N 106 dB; dynamic range 96 dB; ch sep 100 dB. 17 1/4 x 4 1/4 x 15 in\$299

CD-46 CD Player

16-bit D/A conversion. Features Philips CDM-12.1 holographic 3-beam transport mechanism; decoder/error correction; noise shaping; Philips digital servo control; 30-track programming. Headphone jack. Remote level control; digital peak search; random play; 2 repeat modes; music scan; fader; remote control. FR 10-20,000 Hz ±0.5 dB; THD 0.004%; S/N 100 dB; dynamic range 94 dB; ch sep 92 dB. 17 1/4 x 3 1/2 x 11 in; 7 lb\$250

MARK LEVINSON

No. 31 CD Transport

Top loading. Features towers containing power supplies for control and signal-path circuits; upgradable design. AES/EBU, SPDIF, ST fiber-optic, and EIAJ fiber-optic digital outputs\$8,495

No. 39 CD Player

20-bit D/A conversion. HDCD compatible. Features all-metal drawer mechanism. Variable balanced and unbalanced analog outputs; digital input and output. Remote control\$6,500

No. 37 CD Transport

Front loading. AES/EBU, SPDIF RCA, SPDIF BNC, and ST fiber-optic digital outputs. Features all-metal drawer mechanism\$3,995

McCORMACK

SST-1 CD Transport

Features jitter-elimination circuits. 2 coaxial outputs. Remote control. AES/EBU and ST fiber-optic outputs optional\$1,495



McIntosh MCD7009 CD player

McINTOSH

MLD7020 Combi-Player

Dual 1-bit Bitstream D/A converters. Plays CD's and videodiscs. Features digital noise reduction; digital video processing. Dual-side play; remote control\$3,200

MCD7009 CD Player

Two 1-bit dual-differential Bitstream D/A converters. Features 20-bit digital filter; vibration-free rigid disc clamping; CD-size die-cast-aluminum disc turntable. Remote control\$2,750

MELOS

CD-T Bit Tube CD Player

Features 2-chassis design with one for drive and one for analog section\$1,895

CD-D CD Transport

Fiber-optic and coaxial digital outputs\$1,295

CD-D Gold. As above, with AT&T and AES/EBU digital outputs. Features jitter filter\$1,795

MERIDIAN

Model 508 CD Player

Features precision re-clocked digital outputs for reduced jitter. 1 SPDIF-coaxial and 1 fiber-optic digital outputs; unbalanced and balanced-XLR analog outputs. Pause; 8-character alphanumeric display; remote control. 12 1/2 x 3 1/2 x 13 in\$2,495

Model 500 CD Transport

1 coaxial-SPDIF digital output; 1 AES/EBU XLR digital output; 1 EIAJ fiber-optic digital output. Pause; track skip; 8-character alphanumeric display; remote control. 12 1/2 x 3 1/2 x 13 in\$1,795

Model 506 CD Player

1 coaxial-SPDIF digital output; 1 EIAJ fiber-optic digital output; 1 unbalanced analog output. Pause; 8-character alphanumeric display; remote control. 12 1/2 x 3 1/2 x 13 in\$1,495

MICROMEGA

Stage 3 CD Player

Time-aligned differential 1-bit Bitstream D/A conversion. Features tray loading; CDM-12.4 laser mechanism; jitter-reduction circuitry; upgradable design. Coaxial digital output; headphone jack. Double-speed play for double-speed recorder; selectable display brightness and defeat; auto turn-off; remote control. FR 20-20,000 Hz ±0.5 dB. 17 x 3 1/2 x 11 1/2 in; 11 lb\$1,395

Stage 2. Above with additional power transformer, power supplies, and upgraded components for each audio channel\$995

Stage 1 CD Player

1-bit D/A conversion. Upgradable to Stage 2 or Stage 3. Features tray loading; CDM-12.4 laser mechanism; jitter-reduction circuitry. Coaxial digital output; headphone jack. Selectable display brightness and defeat; auto turn-off; remote control. FR 20-20,000 Hz ±0.5 dB. 17 x 3 1/2 x 11 1/2 in; 10 lb\$795

CD Transports

Duo CD 2.1 CD Transport

Top loading. Features CDM-9 laser mechanism on 3 isolated columns; carbon-fiber disc stabilizer; jitter-reduction circuitry; granite within base to increase rigidity. AES/EBU, coaxial, and Toslink digital outputs. Clear lid. 13 1/4 x 3 1/2 x 12 1/2 in; 20 lb\$3,495

Trio 3 CD Transport

Top loading. Requires Trio AL-2 external power supply or Trio 3 BS D/A converter for power. Features CDM-9 laser mechanism on 3 isolated columns; no power transformers or AC supplied within unit to minimize interactions; carbon-fiber disc stabilizer; jitter-reduction circuitry; granite within base for stability. AES/EBU, coaxial, and Toslink outputs. Clear lid. 13 1/4 x 3 1/2 x 12 1/2 in; 20 lb\$3,395

Duo CD 3.1 CD Transport

Top loading. Features CDM-9 mechanism; carbon-fiber disc stabilizer; floating suspension; jitter-reduction circuitry. AES/EBU, coaxial, and Toslink digital outputs. Clear lid. 13 1/4 x 3 1/2 x 12 1/2 in; 15 lb\$1,995

T Drive 2 CD Transport

Tray loading. Features CDM-12.4 laser mechanism; jitter-reduction circuitry; metal chassis and case. Coaxial, AES/EBU, and Toslink digital outputs. 8 1/2 x 3 1/2 x 12 1/2 in; 10 lb\$1,695

Microdrive CD Transport

Top loading. Features CDM-9 laser mechanism. Coaxial and Toslink digital outputs. 2 displays; auto top-display turn-off; remote control. 8 1/2 x 2 1/4 x 6 in; 4 lb\$1,195

Drive 1 CD Transport

Tray loading. Upgradable to Drive 2. Features CDM-

12.4 laser mechanism; jitter-reduction circuitry. Coaxial, AES/EBU, and Toslink digital outputs. Selectable display brightness and defeat; auto turn-off. 17 x 3 1/2 x 11 1/2 in; 10 lb\$995

Drive 2. As above with improved jitter-reduction circuitry\$1,395

MSB TECHNOLOGY

Platinum LS-1 Combi-Player Transport

Features time-base correction. RCA-composite and S-video outputs; AT&T glass, XLR, RCA, and Toslink digital outputs. Remote control with shuttle. 18 1/2 x 16 1/2 x 5 1/2 in; 68 lb\$5,495

Gold LS-1 Combi-Player Transport

Features time-base correction. RCA composite and S-video outputs; AT&T glass, RCA coaxial, and Toslink digital outputs. Auto turn-off; remote control with shuttle. 18 1/2 x 16 1/2 x 5 1/2 in; 68 lb\$3,395
Internal D/A converter for above\$995
Balanced-XLR outputs with reclocking for Gold LS-1 transport\$440

Silver CC5DA 5-Disc CD Changer

1-bit D/A converter. Plays CD's and Photo CD's. Features EMA isolation base. Composite Y/C and RGB video outputs. Remote control. 18 1/2 x 16 1/2 x 5 1/2 in; 51 lb\$2,795
Balanced-XLR analog outputs for above\$200
Silver CC5. Transport version of Silver CC5DA with RCA-coaxial, AT&T-glass, and balanced-XLR digital outputs\$2,295
Internal D/A converter for Silver CC5\$995

MUSEATEX

CDD1 CD Transport

Features anti-jitter circuitry. RCA and Toslink outputs. Track programming; remote control\$1,749

MUSICAL CONCEPTS

Epoch VII CD Player

Features aluminum platter with damping pad; separate power supplies and circuit boards for analog and digital sections; DSP to recreate frequencies above 20,000 Hz. Analog output; coaxial and fiber-optic digital outputs; gold-plated Teflon-insulated RCA connectors. Pause; defeatable display\$995
Enigma VII. As above but with lower-grade components\$695
CDT-4. Transport-only version of Epoch VII. Features chassis and transport damping. Coaxial digital output\$695

MUSICAL DESIGN

CD-2 CD Player

Features aluminum platter with rubber damper; 2nd-order noise shaping; chassis and transport damping pads; anodized-aluminum front and side panels; separate power supplies and circuit boards for analog and digital sections. Remote control\$1,495
CD-2 Signature. As above, features digital filter with DSP for frequencies above 20,000 Hz\$1,995

NAD

Model 517 5-Disc CD Changer

1-bit D/A converter, 5-disc carousel. Features multiple-stage filtering; all-DC-coupled output stage. Coaxial digital output; digital output for upgrading. Ability to change 2 discs while one disc plays; random play; remote direct track/disc access; 32-track programming; tape edit; remote control. FR 5-20,000 Hz ±0.5 dB; THD 0.003%; dynamic range 98 dB. 17 1/2 x 4 1/4 x 15 1/4 in; 15 lb\$599

Model 513 3-Disc CD Changer

1-bit MASH D/A converter, 3-disc carousel. Features balanced filtering; linear-phase digital filter; 5-pole active analog filter. Ability to change 2 discs while one disc plays; random play; 3 repeat modes; 32-track programming; remote direct access; tape edit function; remote control. FR 10-20,000 Hz ±0.5

dB; THD 0.003%; S/N 105 dBA; dynamic range 96 dB; ch sep 95 dB at 1,000 Hz. 17 1/2 x 3 1/4 x 13 1/2 in; 15.2 lb\$399

Model 502 CD Player

1-bit MASH D/A converter. Features DC coupling. Digital output; NAD-Link multiroom jacks. 21-track programming; direct track access; remote control. S/N 105 dB; dynamic range 98 dB; ch sep 100 dB at 1,000 Hz. 16 1/2 x 3 3/8 x 11 1/2 in; 13.3 lb\$299

NAIM

NA-CDS CD Player

Philips 16-bit D/A conversion. Separate transport and power supply; top loading. Remote control. FR 10-18,000 Hz ±0.1 dB; S/N 0.1%\$7,000

NA-CDI CD Player

Philips 16-bit D/A conversion. Features top loading. Remote control\$3,850

NA-CD3 CD Player

Features front loading. Remote control\$1,850

NAKAMICHI

The following feature Nakamichi's MusicBank 7-disc internal stocking mechanism.

Dragon CD 7-Disc CD Changer

20-bit D/A converter. Features air-tight chassis; floating 3-D viscous suspension; physical separation of transport, D/A converter, and power supply/controller; extruded-aluminum main chassis suspended on each side from wood blocks. Gold-plated coaxial digital and analog outputs. Remote control\$9,700

MB-1s 7-Disc CD Changer

Dual hand-selected 20-bit D/A converters. Features change to adjacent disc in 2.1 seconds; 18-dB/oct Bessel analog low-pass filter. Gold-plated analog outputs; coaxial digital output; headphone jack with volume control; system remote jack. Direct access; 50-track programming; random play; repeat; track, remaining-time, and total-time displays; music calendar; system remote-control compatibility. FR 5-20,000 Hz ±0.5 dB; THD 0.0035% at 1,000 Hz; S/N 100 dB; dynamic range and ch sep 100 dB. 17 x 3 1/4 x 10 1/2 in\$800
MB-2s. As above, dual hand-selected 18-bit D/A converters. THD 0.004% at 1,000 Hz; S/N 96 dBA; dynamic range 92 dB; ch sep 90 dB\$600

MB-3s 7-Disc CD Changer

Dual 18-bit D/A converters. Features change to adjacent disc in 2.1 seconds; 18-dB/oct Bessel analog low-pass filter. Direct access; 50-track programming; random play; repeat; track, remaining-time, and total-time displays; music calendar; system remote-control compatibility; remote control. FR 5-20,000 Hz ±0.5 dB; THD 0.006% at 1,000 Hz; S/N 96 dBA; dynamic range and ch sep 90 dB. 17 x 3 1/4 x 10 1/2 in\$500

MB-4s 7-Disc CD Changer

Dual 16-bit D/A converters. Features change to adjacent disc in 2.1 seconds; 18-dB/oct Bessel analog low-pass filter. Direct access; 50-track programming; random play; repeat; music calendar; track and total-time displays; system remote-control compatibility; remote control. FR 10-20,000 Hz ±0.5 dB; THD 0.035% at 1,000 Hz; S/N 87 dBA; dynamic range 87 dB; ch sep 78 dB. 16 1/2 x 3 1/4 x 10 1/2 in\$400

NIKKO

NCD915R CD Player

16-bit D/A converter. 21-track programming; intro scan; repeat; remote control. FR 20-20,000 Hz ±1 dB; THD 0.08%; S/N 80 dB\$139

NSM

Model 3101AC 100-Disc CD Changer

Two 50-disc magazines. Features Philips CDM-4 laser mechanism; commercial-grade robotics; 5-sec-

ond average disc-change time. RS-232 interface for control via PC; analog, coaxial-digital, and Toslink fiber-optic-digital outputs. NSM remote-control capability. FR 20-20,000 Hz; S/N 95 dBA; dynamic range 92 dB; ch sep 90 dB at 1,000 Hz. 2-yr parts-and-labor warranty. 18 1/2 x 14 1/2 x 8 1/2 in \$3,000
STCPU-03. Wireless controller for above. Up to 8 units can be used in parallel. Backlit display; direct-disc/track access; jukebox mode; library and disc-range functions; 256-track delete memory; 35 programmable playlists of 50 tracks each; playlist linking \$1,250
STCPU-02. As STCPU-03, designed specifically to allow Model 3101AC to integrate with Bang & Olufsen system with control through Bang & Olufsen remote control. No programmable playlists \$1,250

STUM-4 Expansion Module

Allows control of four Model 3101AC CD changers with STCPU-03 and STCPU-02 control interfaces. Features ability to daisy-chain to allow for connection of up to 32 changers \$500

ONKYO

Next-selection function refers to the ability to select the next track to play without interrupting the currently playing track. All models are compatible with Onkyo's RI-system control.

Integra DX-788F CD Player

Dual 1-bit D/A converters. Features separate analog and digital transformers designed to prohibit electromagnetic interference; aluminum chassis. Balanced output; fiber-optic digital output; fixed and variable analog outputs. 20-track programming. FR 2-20,000 Hz; THD 0.0015%; S/N 110 dB; dynamic range 100 dB; ch sep 102 dB at 1,000 Hz. 18 x 5 1/2 x 14 1/4 in; 19.6 lb \$1,249

DX-F71 Portable CD Player

Features digital antishock buffer; suspension system. Includes accessories for home and car use \$239

DX-7210 CD Player

Dual 1-bit D/A converters. Headphone jack with volume control. Synchro play with compatible cassette decks; 20-track programming; 3 repeat modes; 20-track music calendar. FR 5-20,000 Hz; THD 0.004%; S/N 100 dB; dynamic range 96 dB; ch sep 90 dB at 1,000 Hz. 18 x 4 3/4 x 12 in; 10.8 lb \$219

CD Changers

Integra DX-C909 6-Disc CD Changer

Dual 1-bit D/A converters, 6-disc carousel. Features transformer designed to prohibit electromagnetic interference; copper-plated chassis; motor-driven volume control. Fixed and variable analog outputs; fiber-optic digital output; headphone jack with volume control. Ability to change 3 discs while one disc plays; program reverse; synchro play with compatible cassette decks; peak search; 40-track programming; random play; 6 repeat modes; next-selection function; direct track/disc access; 20-track music calendar; RI-system cassette-deck compatibility; remote control. FR 2-20,000 Hz; THD 0.0028%; S/N 106 dB; dynamic range 98 dB; ch sep 92 dB at 1,000 Hz. 18 x 5 1/2 x 17 in; 19.8 lb \$689

Integra DX-C606 6-Disc CD Changer

Dual 1-bit D/A converters, 6-disc carousel. Fiber-optic digital output; headphone jack with volume control. Ability to change 3 discs while one disc plays; program reverse; synchro play with compatible cassette decks; peak search; 40-track programming; random play; 6 repeat modes; next-selection function; direct track/disc access; 20-track music calendar; RI-system cassette-deck compatibility; remote control. FR 2-20,000 Hz; THD 0.0028%; S/N 106 dB; dynamic range 98 dB; ch sep 92 dB at 1,000 Hz. 18 x 5 1/2 x 17 in; 19.8 lb \$489

DX-M505 6-Disc CD Changer

Dual 1-bit D/A converters, 6-disc magazine. 40-track programming; direct track/disc access; 5 repeat modes. FR 5-20,000 Hz; THD 0.004%; S/N 100 dB. 18

x 4 3/4 x 16 3/4 in; 12.5 lb \$440

DX-C320 6-Disc CD Changer

Dual 1-bit D/A converters, 6-disc carousel. Ability to change 3 discs while one disc plays; random play; 40-track programming; next-selection function; 5 repeat modes; 20-track music calendar; FL display; RI-system cassette-deck compatibility; remote control. FR 2-20,000 Hz; THD 0.004%; S/N 96 dB; dynamic range 96 dB; ch sep 90 dB at 1,000 Hz. 18 x 4 3/4 x 16 3/4 in; 17 lb \$329

DX-C220 6-Disc CD Changer

Dual 1-bit D/A converters, 6-disc carousel. Headphone jack. Ability to change 3 discs while one disc plays; synchro play with compatible cassette decks; 40-track programming; random play; 5 repeat modes; next-selection function; 20-track music calendar; RI-system cassette-deck compatibility; remote control. FR 2-20,000 Hz; THD 0.004%; S/N 96 dB; dynamic range 96 dB; ch sep 90 dB at 1,000 Hz. 18 x 4 3/4 x 16 3/4 in; 17 lb \$299

OPTIMUS BY RADIO SHACK

CD-100 100-Disc CD Changer

1-bit D/A converter, four vertical 25-disc carousels. Disc grouping; auto digital level control; ability to remove 3 racks without interrupting play of disc in 4th rack; direct track access; 32-track programming; synchro play with compatible cassette decks; random play; track, disc, and program repeat; last-disc memory; remote control through select Optimus receivers; remote control. Includes folder for liner notes. 16 1/2 x 7 1/2 x 16 1/2 in \$500

CD-6600 60-Disc CD Changer

1-bit D/A converter, vertical disc carousel. Features bidirectional radial transport. Headphone jack with volume control. 7 disc groups; auto edit to fit tracks to a tape length; 48-track programming; intro scan; one/all-disc random play; 3 repeat modes; remote control with shuttle. 16 1/2 x 7 1/4 x 17 1/2 in \$400

CD-6500 24-Disc CD Changer

1-bit D/A converter, vertical disc carousel. Features bidirectional radial transport. Headphone jack with volume control. 7 disc groups; auto edit to fit tracks to a tape length; 48-track programming; intro scan; one/all-disc random play; 3 repeat modes; remote direct access; remote control. 16 1/2 x 7 1/4 x 16 1/2 in \$300

CD-7300 6-Disc CD Changer

6-disc magazine. Headphone jack with volume control. Auto digital level control; magazine labeling with one of 6 style names for up to 10 magazines; 32-track programming; memory for programmed/deleted tracks nonvolatile while magazine is in changer; highlight scan; 3 repeat modes; random play; delete play; last-disc memory; tape edit; digital fader; direct track access; synchro play with compatible cassette decks; FL display; remote control through select Optimus receivers \$250

CD-7250 6-Disc CD Changer

6-disc magazine. Delete play; 32-track programming; highlight scan; 3 repeat mode; random play; last-disc memory; FL display; remote control through select Optimus receivers; remote control \$230

CD-7200 6-Disc CD Changer

6-disc magazine. Highlight scan; random play; 3 repeat modes; 32-track programming; last-disc memory; auto turn-on/off upon magazine insert/eject; FL display; remote control through select Optimus receivers \$200

CD-6400 5-Disc CD Changer

5-disc front-loading carousel. Ability to change 2 discs while one plays; 32-track programming; random play; 3 repeat modes; FL display \$200

CD-3490 Portable CD Player

Features digital antishock protection. 3 DSP sound-enhancement modes; Ni-Cd battery-charging circuit. Operates on 2 AA batteries \$200

CD-3480 Portable CD Player

Features digital antishock protection. Backlit display; Ni-Cd battery-charging circuit. Operates on 2 AA batteries \$180

CD-3470 Portable CD Player

Features viscous damping; shock-absorbing spring. Bass-enhancement circuitry; 20-track programming; intro scan; random play; repeat; skip search; audible search; pause/cue; Ni-Cd battery-charging circuit. Operates on 4 AA batteries \$150

CD-3460 Portable CD Player

Bass boost; 20-track programming; intro scan; random play; repeat; skip search; audible search; pause/cue; Ni-Cd battery-charging circuit. Operates on 4 AA batteries \$130

CD-3450 Portable CD Player

1-bit D/A converter. Features 3-beam laser pickup. Headphone jack; line-level output. Rechargeable-battery charging circuit; intro scan; 20-track programming; random play; 3 repeat modes; switchable bass boost. Operates on 4 AA batteries \$120

CD-3445 Portable CD Player

Switchable bass boost; 21-track programming; intro scan; random play; repeat. Operates on 2 AA batteries \$110

CD-3440 Portable CD Player

16-track programming; skip search; high-speed audible search; pause/cue; repeat; Ni-Cd battery-charging circuit. Operates on 2 AA batteries \$100

PANASONIC

LX-900 Combi-Player

1-bit MASH D/A conversion. Plays CD's and video-discs. Features one-spindle brushless direct-drive motor; digital time-base corrector; 8-bit digital field memory for CLV/CAV/CDV special effects; digital comb filter; digital servo control; digital noise canceling; digital field-noise reduction; aspheric glass-lens pickup. Fiber-optic digital output; S-video output; headphone jack with volume control. Dual-side videodisc play; 7 repeat modes; on-screen displays; jog/shuttle control; remote control. FR 4-20,000 Hz; THD 0.0023%; S/N 115 dB; dynamic range 96 dB. 17 x 5 x 16 1/2 in; 20.5 lb \$1,050

LX-K770 Karaoke Combi-Player

4 multiple-stage 1-bit D/A converters. Plays CD's and videodiscs. Features digital time-base corrector; digital servo; noise shaping. 2 A/V outputs; headphone jack; 2 mic inputs; S-video output. Dual-side videodisc play; Stage, Echo, and Theater acoustical karaoke modes; digital remote karaoke key control; auto karaoke vocal-track boost upon singer pause; one-touch karaoke; chapter/track search; CLV-videodisc elapsed-time search; CAV-videodisc frame-number search; 20-key direct chapter/track access; CD random play; videodisc chapter skip; chapter/track repeat; videodisc side repeat; programmed repeat; Ideal-pitch on-screen display available with most multiple-audio karaoke discs; karaoke key-track on-screen display rising or falling with singer's voice; bar-graph karaoke display to track number of off-key notes; on-screen displays; FL display; remote control. FR 4-20,000 Hz; THD 0.005% and S/N 102 dB at 1,000 Hz \$999

LX-K570 Karaoke Combi-Player

4 multiple-stage 1-bit D/A converters. Plays CD's and videodiscs. Features digital time-base corrector; noise shaping. Headphone jack; 2 mic inputs; 2 A/V outputs. Stage, Echo, and Theater acoustical karaoke modes; digital remote karaoke key control; auto karaoke vocal-track boost upon singer pause; one-touch karaoke; chapter/track search; CLV-videodisc elapsed-time search; CAV-videodisc frame-number search; 20-key direct chapter/track access; CD random play; videodisc chapter skip; chapter/track repeat; videodisc side repeat; programmed repeat; on-screen displays; FL display; remote control. FR 4-20,000 Hz; THD 0.005% and S/N 102 dB at 1,000 Hz \$699

LX-H670 Combi-Player

4x oversampling, four D/A converters. Plays CD's and videodiscs. Features digital time-base corrector; digital servo; aspheric glass-lens pickup. S-video output; headphone jack with volume control. Dual-side play; videodisc direct chapter access; CLV-videodisc elapsed-time search; CAV-videodisc frame-number search; CD track-number access; random play; conventional/custom repeat; intro scan; 20-track programming; shuttle-knob disc scan; on-screen displays; defeatable FL display; remote control. FR 4-20,000 Hz; THD 0.003% and S/N 115 dB at 1,000 Hz\$549

LX-H170 Combi-Player

4x oversampling, four D/A converters. Plays CD's and videodiscs. Features digital time-base corrector; digital servo control; glass-lens pickup. Composite-video output; headphone jack with volume control. Videodisc direct chapter access; CLV-videodisc elapsed-time search; CAV-videodisc frame-number search; CD track-number access; random play; conventional/custom repeat; intro scan; 20-track programming; on-screen displays; defeatable FL display; shuttle-knob disc scan; remote control. FR 4-20,000 Hz; THD 0.003% and S/N 115 dB at 1,000 Hz\$450

Portable CD Players

SL-S491C Portable CD Player

1-bit MASH D/A conversion. Features 10-second antishock buffer memory; proprietary bass enhancement; heat-resistant outer casing; one-piece aspheric glass lens. High-cut filter; 24-track programming; random play; track/disc repeat; last-track memory; sliding key/door lock switch; track/disc elapsed-time displays; backlit LCD; wireless remote control. Operates for 9 hrs on two AA batteries. Includes headphones, AC adaptor, car cigarette-lighter cord, and car-cassette adaptor\$300

SL-S490 Portable CD Player

1-bit MASH D/A conversion. Features 10-second antishock buffer memory; proprietary bass enhancement; heat-resistant outer casing; one-piece aspheric glass lens. 24-track programming; random play; track/disc repeat; last-track memory; sliding key/door lock switch; track/disc elapsed-time displays; backlit LCD. Operates for 9 hrs on two AA batteries. Includes headphones and AC adaptor\$220

SL-S290 Portable CD Player

1-bit MASH D/A converter. Features 3-second antishock buffer memory; proprietary bass enhancement; heat-resistant outer casing; one-piece aspheric glass lens. High-cut filter; 24-track programming; random play; track/disc repeat; last-track memory; track/disc elapsed-time display; backlit LCD. Operates for 9 hrs on two AA batteries. Includes AC adaptor. Mounting plate optional\$150
SL-S291C. As above, with car cigarette-lighter plug and car-cassette adaptor\$200

SL-S165 Portable CD Player

1-bit MASH D/A converter. Features proprietary bass enhancement; heat-resistant outer casing. High-cut filter; 24-track programming; random play; track/disc repeat; last-track memory; key-hold switch; track/disc elapsed-time display; LCD. Operates for 8 hrs on 2 AA batteries. Includes AC adaptor and rechargeable batteries\$110
SL-S160. As above, no rechargeable batteries\$100
SL-S255C. As SL-S160, with double-floating mechanism and LCD backlight. Includes car cigarette-lighter plug and car-cassette adaptor\$160

PARASOUND

C/DC-1500 5-Disc CD Changer

Hybrid 1-bit/18-bit Burr-Brown PCM-67P ladder D/A converter, 5-disc carousel. Features mechanically damped chassis. Coaxial digital output; gold-plated connectors; external remote-control connector. Ability to change 2 discs while one plays; music calendar; remote control\$650

C/DP-1000 CD Player

Hybrid 1-bit/18-bit Burr-Brown PCM-67P ladder D/A

converter. Features mechanically damped chassis. Coaxial digital output; gold-plated connectors; external remote-control connector. Ability to change 2 discs while one plays; remote control\$495

ADAM. Upgrades C/DP-1000 or C/DC-1500 to add AT&T ST fiber-optic and balanced AES/EBU XLR outputs\$225

PHILIPS

CDC936 5-Disc CD Changer

1-bit Bitstream D/A conversion, 5-disc carousel. Features digital servo IC; CDM-12 linear-tracking laser mechanism. Digital output; gold-plated headphone jack with volume control. Ability to change 3 discs while one disc plays; favorite-track selection with naming; 30-track programming; peak search; synchro play with compatible cassette decks; auto fader; auto edit; auto space; intro scan; repeat; random play; 6-character display; music calendar; remote control. 17 1/4 x 4 1/4 x 15 in; 13.8 lb\$260
CD926. Above without favorite-track selection\$230
CD916. As CD926, without remote control\$180

CDC921PBK CD Player

1-bit Bitstream D/A converter. Digital output. 2 auto-edit modes; synchro play with compatible cassette decks; 30-track programming; peak search; direct track access; auto fader; auto space; auto source select on compatible Philips receiver; music calendar; remote control. FR 2-20,000 Hz; THD 0.003%; S/N 100 dB; dynamic range 90 dB; ch sep 90 dB. 17 x 4 x 11 1/4 in; 8.8 lb\$150

PINK TRIANGLE

Cardinal CD Player

1-bit Bitstream D/A conversion. HDCD compatible. Features 3-beam laser pickup; Features reclocking card designed to eliminate reclocking jitter. Remote control. Black ash finish. 17 1/2 x 3 1/2 x 14 1/2 in.\$1,995
 Transport version of above\$1,695

PIONEER

Elite PDR-09 CD Recorder

Makes unerasable recordings on special discs that can be played on any CD machine. Features Stable Platter mechanism with pickup and spindle motor mounted above disc platter; Legato Link Conversion using proprietary algorithms to extrapolate missing high-frequency sounds (above 20,000 Hz); SCMS copy-inhibit system. Sampling-rate converter for 32- and 48-kHz digital sources\$4,000

Elite PDR-99 CD Recorder

Makes unerasable recordings on special discs that can be played on any CD machine. 1-bit Pulseflow D/A conversion. Features Legato Link S circuitry that uses proprietary algorithm to restore frequency content lost in recording; Stable Platter mechanism; center-mount tray. Fiber-optic and coaxial digital inputs and outputs; analog inputs and outputs; headphone jack with volume control. SCMS copy-inhibit system; one-touch synchro record and auto pause via source-component signal sensing; sampling-rate converter for 32- and 48-kHz sources; direct track access; remote control. High-gloss Urushi finish with rosewood side panels\$2,000
PDR-05. As above without side panels\$1,950

Elite PD-S95 CD Transport

Features Stable Platter disc-drive mechanism with aluminum platter; antiresonance/antivibration chassis. Fiber-optic and coaxial digital outputs; BNC output. Memory backup; output selector; remote control supplied\$2,000

Elite PD-65 CD Player

1-bit D/A converters in multiple complementary sets. Features Stable Platter disc-drive mechanism with aluminum platter; disc clamber; brushless spindle motor; Legato Link to extend FR above 20,000 Hz; separate analog and digital transformers; Class A FET buffer amp; noise shaper; antiresonant honey-

comb chassis; motor-driven volume control. Fiber-optic and coaxial digital outputs; headphone Jack. Synchro play with compatible cassette decks; remote control\$800

Elite PD-59 CD Player

1-bit D/A converter. Stable Platter disc-drive mechanism with aluminum platter; disc clamber; brushless spindle motor; Legato Link to extend FR above 20,000 Hz; antiresonant honeycomb chassis. Fiber-optic and coaxial digital outputs. Synchro play with compatible cassette decks; remote control\$545

PD-103 CD Player

1-bit D/A conversion. Peak search; defeatable display; tape edit\$190

Combi-Players

Pioneer's proprietary digital video noise reduction allows the user to vary chrominance and luminance by factors of 10, and its proprietary digital video processing provides noise reduction and includes a digital time-base corrector. An AC-3 RF output is for connection to a Pioneer AC-3-equipped A/V receiver for playback of videodiscs encoded with Dolby Surround AC-3.

Elite CLD-99 Combi-Player

Dual 1-bit D/A converters. Plays CD's and videodiscs. Features direct-CD mode with independent CD tray within videodisc tray; Legato Link conversion to extend FR above 20,000 Hz; 8-bit digital field memory for special effects; separate audio and video circuit boards; proprietary 3D digital video noise reduction; proprietary digital video processing; 3-dimensional Y/C comp filter. AC-3 RF output; 2 S-video outputs; fiber-optic and coaxial digital outputs. Dual-side play; digital level control; remote control with jog/shuttle. FR 4-20,000 Hz; THD 0.0035%; S/N 117 dB; dynamic range 99 dB. Lacquered wood side panels. 18 1/2 x 5 1/4 x 17 in\$2,400

Elite CLD-79 Combi-Player

Dual 1-bit D/A converters. Plays CD's and videodiscs. Features direct-CD mode with independent CD tray within videodisc tray; Legato Link conversion to extend FR above 20,000 Hz; 8-bit digital field memory for special effects; separate audio and video circuit boards; proprietary digital video noise reduction; proprietary digital video processing; 3-line comb filter. AC-3 RF output; 2 S-video outputs; fiber-optic and coaxial digital outputs. Dual-side play; digital level control; remote control with jog/shuttle. FR 4-20,000 Hz; THD 0.0025%; S/N 116 dB; dynamic range 98 dB. 16 1/2 x 5 1/2 x 17 in\$1,440

CLD-D704 Combi-Player

Dual 1-bit D/A converters. Plays CD's and videodiscs. Features direct-CD mode with independent CD tray within videodisc tray; 8-bit digital field memory for special effects; separate audio and video circuit boards; proprietary digital video noise reduction; proprietary digital video processing; 3-line comb filter. AC-3 RF output; 2 S-video outputs; fiber-optic and coaxial digital outputs. Dual-side play; digital level control; tape edit; synchro play with compatible cassette decks; intro/highlight scan; on-screen displays; RS-system remote control with jog/shuttle. FR 4-20,000 Hz; THD 0.0035%; S/N 115 dB; dynamic range 96 dB. 16 1/2 x 5 1/2 x 17 1/4 in\$1,235

CLD-V850 Karaoke Combi-Player

1-bit D/A conversion. Plays CD's and videodiscs. Features direct-CD mode with independent CD tray. 2 A/V outputs; 2 mic inputs; headphone jack; AUX input. Dual-side play; 3 surround modes; one-touch karaoke; 11-step digital key control; vocal-tone control; karaoke intro scan; modes to switch or sing with recorded vocals; tape edit; synchro play with compatible cassette decks; intro/highlight scan; 24-track programming; mic-level controls; on-screen displays; RS-system remote control. FR 4-20,000 Hz; S/N 102 dB; dynamic range 96 dB. 16 1/2 x 5 1/2 x 17 1/4 in\$1,220

Elite CLD-59 Combi-Player

1-bit D/A converter. Plays CD's and videodiscs. Fea-

tures direct-CD mode with independent CD tray within videodisc tray; Legato Link conversion to extend FR above 20,000 Hz; 8-bit digital field memory for special effects; proprietary digital video noise reduction; proprietary digital video processing; 3-line comb filter. AC-3 RF output; 2 S-video outputs; coaxial digital output. Dual-side play; remote control with jog/shuttle. FR 4-20,000 Hz; THD 0.0035%; S/N 115 dB; dynamic range 96 dB. 16% x 5/4 x 15% in\$1,035

CLD-D604 Karaoke Combi-Player

1-bit D/A converter. Plays CD's and videodiscs. Features direct-CD mode with independent CD tray within videodisc tray; 8-bit digital field memory for special effects; proprietary digital video noise reduction; proprietary digital video processing; 3-line comb filter. AC-3 RF output; 2 mic inputs; 2 S-video outputs; fiber-optic digital output. Dual-side play; one-touch karaoke; digital key control; mic-level controls; tape edit; synchro play with compatible cassette decks; intro/highlight scan; on-screen displays; RS-system remote control with jog/shuttle. Includes mic. FR 4-20,000 Hz; THD 0.0035%; S/N 115 dB; dynamic range 96 dB. 16% x 5/4 x 15% in\$1,035

CLD-V750 Karaoke Combi-Player

1-bit D/A conversion. Plays CD's and videodiscs. Features direct-CD mode with independent CD tray. 2 A/V outputs; 2 mic inputs; headphone jack; Aux input. 3 surround modes; one-touch karaoke; 11-step digital key control; karaoke intro scan; tape edit; synchro play with compatible cassette decks; intro/highlight scan; 24-track programming; mic-level controls; on-screen displays; RS-system remote control. FR 4-20,000 Hz; S/N 102 dB; dynamic range 96 dB. 16% x 4/4 x 15% in\$900

CLD-A100 Multimedia Combi-Player

Plays CD's, videodiscs, and LaserKaraoke discs. Features CD-direct mode with independent CD tray. Direct chapter/track access; remote control. 16% x 5/4 x 15% in\$735

PAC-S10. Add-on to above to play LaserActive Mega LD videodiscs, Sega CD's, Genesis ROM cartridges, and CD+G discs\$485

PAC-N10. Add-on to CLD-A100 to play LaserActive LD-ROM discs, Turbo Technologies DuoSoft discs and game cartridges, and CD+G discs\$485

PAC-K1. Add-on to CLD-A100 to play LaserKaraoke discs\$350

CLD-D504 Karaoke Combi-Player

1-bit D/A converter. Plays CD's and videodiscs. Features direct-CD mode with independent CD tray within videodisc tray; proprietary digital video noise reduction; proprietary digital video processing; 3-line comb filter. AC-3 RF output; mic input; S-video output. Dual-side play; one-touch karaoke; digital echo; mic-level control; tape edit; synchro play with compatible cassette decks; intro/highlight scan; on-screen displays; RS-system remote control with shuttle. Includes mic. FR 4-20,000 Hz; THD 0.0035%; S/N 115 dB; dynamic range 96 dB. 16% x 5/4 x 15% in\$660

CLD-S304 Karaoke Combi-Player

1-bit D/A converter. Plays CD's and videodiscs. Features direct-CD mode with independent CD tray within videodisc tray; proprietary digital video noise reduction; proprietary digital video processing. AC-3 RF output; mic input. One-touch karaoke; mic-level control; tape edit; synchro play with compatible cassette decks; intro/highlight scan; on-screen displays; RS-system remote control. Includes mic. FR 4-20,000 Hz; THD 0.0035%; S/N 115 dB; dynamic range 96 dB. 16% x 5/4 x 15% in\$535

CLD-S104 Combi-Player

1-bit D/A converter. Plays CD's and videodiscs. Features direct-CD mode with independent CD tray within videodisc tray; proprietary digital video noise reduction; proprietary digital video processing. Tape edit; synchro play with compatible cassette decks; intro/highlight scan; on-screen displays; RS-system remote control. FR 4-20,000 Hz; THD 0.0045%; S/N 115 dB; dynamic range 94 dB. 16% x 5/4 x 15% in\$299

CD Changers

Elite PD-M77 6-Disc CD Changer

1-bit D/A conversion, 6-disc magazine. Features Legato Link to extend FR above 20,000 Hz; DSP for Jazz, Church, Dance, Hall, and Stadium sound fields. Fiber-optic and coaxial digital outputs. Memory for 20 magazines; music-type memory; 32-track programming; conventional/delete random play; remote control\$770

PD-F1004 100-Disc CD Changer

1-bit D/A conversion, four 25-disc rolling racks. Video output. Ability to change discs in 3 racks while disc in 4th rack plays; 3 disc groups; on-screen interface and displays with disc naming; random play; remote control\$740

PD-F904. As above, without on-screen displays/interface as described above. Control through VSX-D903S receiver graphic interface\$565

PD-F100 100-Disc CD Changer

1-bit D/A conversion, four 25-disc rolling racks. Ability to change discs in 3 other racks while one in 4th plays; synchro play with compatible cassette decks; 3 disc groups; control through VSX-D903S receiver graphic interface; remote control\$715

PD-AP1. Add-on controller providing control of up to three PD-F100's or PD-F51's, 10 disc groups, disc naming for all discs, and random play from all changers\$260

PD-F51 51-Disc CD Changer

1-bit D/A conversion, two 25-disc rolling racks, single-disc slot. Ability to change discs in one rack while disc in other plays; synchro play with compatible cassette decks; 3 disc groups; remote control\$615

PD-TM3 18-Disc CD Changer

1-bit D/A conversion, three 6-disc magazines. Features DSP for Jazz, Church, Dance, Hall, and Stadium sound fields. Highlight scan; last-position memory; tape edit; remote control\$545

PD-DM802. As above, two 6-disc magazines but without DSP\$400

Elite PD-M59 6-Disc CD Changer

1-bit D/A converter, 6-disc magazine. Features anti-resonant honeycomb chassis. Legato Link to extend FR above 20,000 Hz. Fiber-optic digital output; headphone jack with volume control. Highlight scan; random play; digital level control; remote control\$330

PD-M703 6-Disc CD Changer

1-bit D/A conversion, 6-disc magazine. Features DSP for Wide, Karaoke, Jazz, Church, Dance, and Hall sound fields. Highlight scan; music-type memory; last-disc memory; tape edit; remote control\$315

PD-M603. As above, no DSP\$270

PD-M423 6-Disc CD Changer

1-bit D/A conversion, 6-disc magazine. Highlight scan; last-disc memory; remote control\$245

PD-M403. As above, no remote control\$235

PROCEED

CDP CD Player

18-bit D/A conversion. HDCD compatible. Features front loading; all-metal drawer. Digital inputs and outputs; balanced and unbalanced analog outputs. Remote volume control; remote control\$3,500

CDD CD Transport

Front loading. AES/EBU, SPDIF RCA and BNC digital outputs. Features all-metal drawer mechanism. Custom programs; remote-control capability. ST fiber-optic digital output optional\$2,495

PS AUDIO

Lambda CD Transport

Features Philips CDM-9 mechanism; glass fiber-optic signal path; 3 separate power transformers; digital servo correction; brushless DC motor. Coaxial and AES/EBU digital outputs. 17 x 3/4 x 15 in\$1,795

With AT&T ST fiber-optic digital output\$2,095

ROTEL

RCD-975 CD Player

Dual-differential Philips Continuous Calibration D/A conversion. Track programming; random play; repeat; remote control. THD 0.0025%; S/N 107 dB; ch sep 100 dB. 17% x 2 1/2 x 12 1/2 in\$750

RDD-980 CD Transport

Features center-mount drive; CDM-9 single-beam laser transport; dual transformers. Toslink fiber-optic digital output; coaxial digital output. Track programming; random play; repeat; remote control. 17% x 2 1/2 x 12 1/2 in\$650

RCD-970BX CD Player

Philips Continuous Calibration D/A conversion. Features CDM-9 single-beam laser transport. Track programming; random play; repeat; remote control. THD 0.0025%; S/N 105 dB; ch 100 dB. 17% x 2 1/2 x 12 1/2 in\$600

RCC-940AX 5-Disc CD Changer

Bitstream D/A conversion, 5-disc carousel. Analog outputs; Toslink fiber-optic digital output. Ability to change 2 discs while one plays; random play; repeat; 32-track programming; remote control. THD 0.003%; S/N 100 dB; ch sep 100 dB. 17% x 4 1/2 x 15 1/2 in\$500

RCD-940BX CD Player

Multiple-bit D/A conversion. Features 18-bit resolution. Track programming; random play; repeat; remote control. THD 0.005%; S/N 110 dB; ch sep 90 dB. 17% x 3 3/8 x 12 1/2 in\$400

RCD-930AX CD Player

Dual 1-bit PWM D/A converters. Features 2nd-order Delta-Sigma noise shaping. Track programming; random play; repeat; remote control. THD 0.01%; S/N 90 dB; ch sep 90 dB. 17% x 2 1/2 x 12 in\$300

SAMSUNG

DV730K Karaoke Combi-Player

1-bit D/A converter. Plays CD's and videodiscs. Features direct-CD mode. 2 mic inputs with level controls. 17-step key control; last-song karaoke repeat; digital echo; intro scan; programming; repeat; on-screen displays; FL display; remote control. THD 0.005%; S/N 100 dB; dynamic range 96 dB. 16% x 5 1/2 x 16 1/2 in; 16.5 lb\$449

DV530K Karaoke Combi-Player

1-bit D/A converter. Plays CD's and videodiscs. Features direct-CD mode. 2 mic inputs with level controls. Last-song karaoke repeat; digital echo; intro scan; programming; repeat; on-screen displays; FL display; remote control. THD 0.01%; S/N 96 dB; dynamic range 90 dB. 16% x 5 1/2 x 16 1/2 in; 15.5 lb\$349

SANYO

MCD-2000 Portable CD/MD System

Features MD player/recorder with digital 10-second antishock memory, dual 16-bit A/D converters, dual 18-bit D/A converters, synchro CD dubbing, synchro cassette dubbing, and 2 repeat modes; CD player with 1-bit D/A converter, 3-beam laser pickup, and repeat play; cassette deck with autoreverse, synchro MD dubbing, high-speed synchro CD dubbing, program search, and auto tape-bias selector; AM/FM tuner with extended AM band, 10 AM/10 FM presets, and preset scan; 2 speakers. Line-level input and output; mic jack; headphone jack. Disc, track, and artist MD naming; full logic; 7-band spectrum analyzer; 4 preset EQ curves; 4 bass-boost levels; scrolling FL dot-matrix display; remote control. Output power 20 W/ch\$1,000

CDP-480 Portable CD Player

1-bit D/A converter. Features 3-second digital antishock memory; butyl-rubber damper mechanism; 3-beam laser pickup. Line-level output. 3-position DSP equalization system; battery-charging circuit; 3 repeat modes; 22-track programming; auto turn-off; LCD. Operates on 2 AA batteries. Includes AC adaptor, car

power and cassette adaptors, Y patch cable, rechargeable Ni-Cd battery, and headphones . . . \$190

CDP-450 Portable CD Player

1-bit D/A converter. Features 3-second digital antishock memory; butyl-rubber damper mechanism; 3-beam laser pickup. Line-level output. 3-position equalization system; battery-charging circuit; 2 repeat modes; 22-track programming. Operates on 2 AA batteries. Includes AC adaptor, car power and cassette adaptors, Y patch cable, and headphones . . . \$170

CDP-350 Portable CD Player

1-bit D/A converter. Features 3-second digital antishock memory; butyl-rubber damper mechanism; 3-beam laser pickup. Line-level output. 3-position equalization system; battery-charging circuit; 2 repeat modes; 22-track programming. Operates on 2 AA batteries. Includes AC adaptor, Y patch cable, and headphones . . . \$150

CDP-250 Portable CD Player

16-bit D/A converter. Features 3-beam laser pickup. Line-level output. Bass enhancement; battery-charging circuit; 3 repeat modes; 16-track programming; LCD. Operates on 2 AA batteries. Includes AC adaptor, car cassette and power adaptors, Y patch cable, and headphones . . . \$130

CDP-150 Portable CD Player

1-bit D/A converter. Features 3-beam laser pickup. Line-level output. Bass enhancement; battery-charging circuit; 3 repeat modes; 16-track programming; LCD. Operates on 2 AA batteries. Includes AC adaptor, Y patch cable, and headphones . . . \$100

SHERWOOD

CDC-6050R 5-Disc CD Changer

1-bit D/A converter, front-loading carousel. Features 3-beam laser pickup. Headphone jack with volume control. Ability to change discs while one plays; 32-track programming; delete play; intro scan; random play; 7 repeat modes; synchro record with compatible cassette decks; tape edit; remote direct access; timer play; music calendar; display dimmer; FL display; remote control . . . \$349

CDC-4050C. As above, without remote control \$299

CD-3050R CD Player

1-bit D/A converter. Features 3-beam laser pickup. Headphone jack with volume control. Front loading; 20-track programming; direct track access; random play; delete play; intro scan; synchro play with compatible cassette decks; tape edit; timer play; music calendar; display dimmer; FL display; remote control supplied . . . \$249

SIGNATURE TECHNOLOGIES

SRd-20 Tube CD Player

1-bit Bitstream D/A conversion. Features Phillips transport; buffered vacuum-tube power supply; 3rd-order noise shaping. Digital and analog outputs; headphone jack with volume control. 30-track programming; elapsed/remaining-time displays; random play; remote control. FR 2-20,000 Hz; THD 0.1%; S/N 95 dB; ch sep 94 dB; dynamic range 86 dB. Black with hand-crafted hardwood enhance-

ments. 5-yr limited warranty. 18 1/2 x 5 1/4 x 12 1/2 in; 12 lb . . . \$889

SONY

CDP-XA7ES CD Player

Current-pulse D/A converter. Features fixed laser-pickup tracking; full feed-forward digital filter with 3-stage oversampling, 45-bit internal processing, and 20-bit outputs; 8 complementary D/A-converter outputs; circuitry to minimize time-base errors; digital servo control for tracking, laser focus, and disc rotation; separate toroidal-core power transformers for analog and digital sections; FET analog amplifier; frame-and-beam antivibration construction; copper chassis shielding; spindle motor with sapphire bearings; antiresonant aluminum front panel and top plate; antiresonant ceramic disc tray. Balanced analog output; fiber-optic and coaxial digital outputs; gold-plated analog outputs; remote-variable line-level output; headphone jack with volume control. 172-disc Custom File memory for index points and delete-play selections; 32-track programming; remote direct track access; 15-track music calendar; 8 repeat modes; 3-mode music scan; manual fader; peak-level search; remote control. FR 2-20,000 Hz ± 0.3 dB; S/N 119 dB; dynamic range 100 dB; ch sep 110 dB. 3-yr limited warranty. 17 x 5 x 14 1/4 in; 33 lb . . . \$2,700

MDS-JA3ES MD Recorder

Pulse D/A converter, 1-bit pulse A/D converter. Features 3rd-generation ATRAC circuitry; 4-second antishock buffer; 20-bit digital playback filter with dither, 45-bit internal processing, and 20-bit output; frame-and-beam antivibration construction; aluminum front panel; antiresonant double top plate. Fiber-optic digital input and output; coaxial digital input; analog line-level inputs and outputs; stereo mic inputs; headphone jack with volume control. Sampling-rate converter to convert from 32-, 44.1-, or 48-kHz source; disc title, track title, and artist name displays for pre-recorded MD's; 1,700-character text entry for each user-recorded MD; 3-second spacing between songs for user recordings; auto record pause after 30-second recording silence; auto date/time stamp for recordings; synchro record with compatible CD players; track skip; random play; 3 repeat modes; 25-track programming; remote direct track access; timer record/play; digital peak meters; 25-track music calendar; jog dial; remote control. FR 5-20,000 Hz ± 0.5 dB; S/N 103 dB. 3-yr limited warranty. 17 x 5 x 13 1/2 in; 12.5 lb . . . \$1,000

MDP-650 Karaoke Combi-Player

1-bit D/A converter. Plays CD's and videodiscs. Features digital time-base corrector, comb filter, dropout compensation, and noise canceler. 2 S-video outputs; fiber-optic digital output; mic input; headphone jack with volume control. Dual-side play; 8-bit digital video memory for freeze-frame and frame-by-frame advance for CAV/CLV videodiscs; digital picture memory; 1.5/2x video scan with sound; remote direct chapter/track access; CAV-frame or CLV-time search; Theater mode to defeat front-panel display and lower picture black level; last-position memory; 4 CD repeat modes; karaoke digital echo; mic volume control; on-screen displays; remote control with jog/shuttle, Sony TV controls, and illuminated keys. S/N 115 dB; dynamic range 99 dB. 17 x 4 1/4 x 17 1/2 in . . . \$799

MDS-302 MD Recorder

Hybrid pulse D/A converter, 1-bit pulse-type A/D converter. Features 3rd-generation ATRAC circuitry; 10-second antishock buffer; 18-bit digital playback filter. Fiber-optic digital input and output; headphone jack with volume control. Disc-title, track-title, and artist-name displays for pre-recorded MD's; 1,700-character text entry for each user-recorded MD; 3-second spacing between songs for user recordings; auto record pause after 30-second recording silence; auto date/time stamp for recordings; synchro record with compatible CD players; track skip; random play; 3 repeat modes; 25-track programming; timer record/play; jog dial; digital peak meters; 25-track music calendar; remote control. FR 5-20,000 Hz ± 0.5 dB; S/N 96 dB. 17 x 3 1/2 x 11 1/2 in; 7.7 lb . . . \$700

CDP-XA3ES CD Player

Current-pulse D/A converter. Features locking disc-clamp mechanism; full feed-forward digital filter with 3-stage oversampling, 45-bit internal processing, and 20-bit outputs; 8 complementary D/A-converter outputs; circuitry to minimize time-base errors; digital servo control for tracking, laser focus, and disc rotation; frame-and-beam antivibration construction; aluminum front panel; antiresonant top plate; antiresonant ceramic disc tray. Fiber-optic digital output; gold-plated analog outputs; remote-variable line-level output; headphone jack with volume control. 172-disc Custom File memory for index points, delete-play deletions; time, just-time, and program edit to fit tracks to a given length of tape; 32-track programming; remote direct track access; 8 repeat modes; index play; random play; delete play; 3-mode music scan; time/manual fader; peak-level search; 15-track music calendar; remote control. FR 2-20,000 Hz ± 0.3 dB; S/N 118 dB; dynamic range 100 dB; ch sep 110 dB. 3-yr limited warranty. 17 x 5 x 13 1/2 in; 14.5 lb . . . \$650

MDP-550 Combi-Player

1-bit D/A conversion. Plays CD's and videodiscs. Features digital time-base corrector, comb filter, dropout compensation, and noise canceler. 2 S-video outputs; fiber-optic digital output; mic input. Dual-side play; last-position memory; CAV still-picture and frame-by-frame advance; frame/time search; chapter/track search; 3 CD repeat modes; CLV clear scan; mic volume control; karaoke digital echo; music/chapter calendar; on-screen displays; remote control with shuttle and Sony TV controls. S/N 115 dB; dynamic range 99 dB. 17 x 4 1/4 x 17 1/2 in . . . \$599

CTRL-300 CD Changer Controller

Controls up to three CDP-CX151 or CDP-CX153 100-disc CD changers. Remote-variable line-level output; 3 AC outlets. Ability to group discs into 10 groups; 300-disc Custom File memory for 13-character disc names, group names, delete-play deletions, and volume levels; 32-track programming; random play among changers; 8 repeat modes; timer switch; remote and front-panel jog dials; 20-track music calendar; remote control. 17 x 5 x 11 1/2 in; 6.6 lb . . . \$350

CDP-K1A Karaoke CD Player

Features 18-bit digital filter. Right- and left-channel mic inputs. Vocal-reduction circuit; pitch control; 20-track music calendar; direct track access; program edit; remote fader; remote control . . . \$350

CDP-XA1ES CD Player

High-density linear D/A conversion. Features clam-roller antivibration mechanism; full feed-forward digital filter with 3-stage oversampling, 45-bit internal processing, and 20-bit outputs; 8 complementary D/A-converter outputs; circuitry to minimize time-base errors; digital servo control of tracking, laser focus, and disc rotation. Fiber-optic digital output; gold-plated analog outputs; remote-variable line-level output; headphone jack with volume control. Time and program edit to fit tracks to a given length of tape; 32-track programming; 3-mode music scan; random play; delete play; 7 repeat modes; remote direct track access; peak-level search, time/manual fader; 20-track music calendar; remote control. FR 2-20,000 Hz ± 0.5 dB; S/N 108 dB; dynamic range 99 dB; ch sep 103 dB. 3-yr limited warranty. 17 x 4 1/4 x 11 1/2 in; 8.4 lb . . . \$330

CDP-361 CD Player

Hybrid pulse D/A converter. Features digital servo control; 18-bit digital filter; circuitry to minimize time-base errors. Fiber-optic digital output; variable line-level output; headphone jack with volume control. Direct track access; time and program edit to fit tracks on a length of tape; 24-track programming; random play; 4 repeat modes; 3-mode music scan; peak-level search; time/manual fader; remote volume control; 20-track music calendar; remote control. FR 2-20,000 Hz ± 0.5 dB; S/N 100 dB; dynamic range 98 dB; ch sep 95 dB. 17 x 4 x 11 in; 7 lb . . . \$200

CDP-261 CD Player

Hybrid pulse D/A converter. Features digital servo

Prices given are the manufacturers' suggested retail prices. Actual selling prices may vary and can change without notice.

control; 18-bit digital filter; circuitry to minimize time-base errors. Headphone jack with volume control. Direct track access; 3-mode music scan; time and program edit to fit tracks to a tape length; 24-track programming; random play; 4 repeat modes; peak-level search; time/manual fader; 20-track music calendar; remote control through compatible Sony receivers. FR 2-20,000 Hz ± 0.5 dB; S/N 100 dB; dynamic range 98 dB; ch sep 95 dB. 17 x 4 x 1 1/2 in; 7 lb\$180

CD Changers

CDP-CX100 100-Disc CD Changer

90-MHz linear D/A converter, internal 100-disc storage. Features 20-bit digital filter with dither technology and 45-bit internal processing; circuitry to minimize time-base errors; digital servo control; brushless slotless tray motor; antiresonant aluminum front panel. Fiber-optic digital output; remote-variable line-level output; headphone jack with volume control; gold-plated line-level outputs; Sony Control-S input for multiroom-system use. Ability to create 10 disc groups; 100-disc Custom File memory for 13-character disc names, group names, volume levels, and track deletions; direct track/disc/group access; 32-track programming; random play; 6 repeat modes; timer switch; remote and front-panel jog dials; 20-track music calendar; remote control. FR 2-20,000 Hz ± 0.3 dB; S/N 116 dB; dynamic range 100 dB; ch sep 110 dB. 17 x 9 1/2 x 18 1/2 in; 19.3 lb\$1,000

CDP-CX151 100-Disc CD Changer

Hybrid pulse D/A converter, internal 100-disc storage. Features 18-bit digital filter; circuitry to minimize time-base errors; digital servo control; brushless slotless tray motor. Fiber-optic digital output. Ability to group discs into 10 groups; 100-disc Custom File memory for 13-character disc names, group names, and track deletions; direct track/disc/group access; 32-track programming; random play; 5 repeat modes; timer switch; 20-track music calendar; front-panel jog dial; remote control. FR 2-20,000 Hz ± 0.3 dB; S/N 107 dB; dynamic range 98 dB; ch sep 100 dB. 17 x 10 1/2 x 18 1/2 in; 19.9 lb\$700

CDP-CA9ES 5-Disc CD Changer

Current-pulse D/A converter, 5-disc carousel. Features full feed-forward digital filter with 3-stage oversampling, 45-bit internal processing, and 20-bit outputs; 8 complementary D/A-converter outputs; circuitry to minimize time-base errors; digital servo control of tracking, laser focus, and disc rotation; antiresonant aluminum front panel; separate analog and digital power transformers. Fiber-optic digital output; gold-plated analog outputs; remote-variable line-level output; headphone jack with volume control. Ability to change 4 discs while one plays; 172-disc Custom File memory for line output level; 8-character disc naming for display; delete play; ability to categorize favorite tracks into 4 groups; program edit to fit tracks to a tape length; remote direct track access; direct disc access; 32-track programming; 3-mode music scan; random play; 6 repeat modes; manual fader; peak-level search; timer switch; 20-track music calendar; remote control. FR 2-20,000 Hz ± 0.3 dB; S/N 117 dB; dynamic range 100 dB; ch sep 110 dB. 3-yr limited warranty. 17 x 5 x 15 1/2 in; 16.5 lb\$650

CDP-CX153 100-Disc CD Changer

Hybrid pulse D/A converter, internal 100-disc storage. Features 18-bit digital filter; circuitry to minimize time-base errors; digital servo control; brushless slotless tray motor. Fiber-optic digital output. Ability to serial chain to 2 other units for 300-disc system capacity; ability to group discs into 7 groups; Custom File memory for group names and 13-character disc names for all 100 CDs; 32-track programming; direct track/disc/group access; random play; 6 repeat modes; timer switch; 20-track music calendar; front-panel jog dial; remote control\$600

CDP-C910 10-Disc CD Changer

1-bit high-density linear D/A converter, 10-disc magazine. Features 45-bit digital filter; circuitry to minimize time-base errors. Fiber-optic digital output; remote-variable line-level output; headphone jack with volume control. Magazine compatibility with Sony car CD changers; 184-disc Custom File memory for 8-character disc names, volume levels, and track programming; time, program, and link edit to fit tracks to a tape length; direct track/disc access; 3-mode music scan; random play; 7 repeat modes; 32-track programming; time/manual fader; peak-level search; timer switch; 20-track music calendar; dot-matrix FL display; remote control. FR 2-20,000 Hz ± 0.3 dB; S/N 110 dB; dynamic range 100 dB; ch sep 105 dB. 17 x 5 x 14 1/2 in; 13.9 lb\$550

CDP-CA8ES 5-Disc CD Changer

Current-pulse D/A converter, 5-disc carousel. Features full feed-forward digital filter with 3-stage oversampling, 45-bit internal processing, and 20-bit outputs; 8 complementary D/A-converter outputs; circuitry to minimize time-base errors; digital servo control of tracking, laser focus, and disc rotation; antiresonant aluminum front panel. Fiber-optic digital output; gold-plated analog outputs; remote-variable line-level output; headphone jack with volume control. Ability to change 4 discs while one plays; program edit to fit tracks to a given tape length; remote direct track access; direct disc access; 32-track programming; 3-mode music scan; random play; 6 repeat modes; manual fader; peak-level search; 20-track music calendar; remote control. FR 2-20,000 Hz ± 0.3 dB; S/N 117 dB; dynamic range 100 dB; ch sep 110 dB. 3-yr limited warranty. 17 x 5 x 15 1/2 in; 15.4 lb\$500

CDP-C745 5-Disc CD Changer

Hybrid pulse D/A converter, 5-disc carousel. Features digital servo control; 18-bit digital filter; circuitry to minimize time-base errors. Fiber-optic digital output; remote-variable line-level output; headphone jack with volume control. Ability to change 4 discs while one plays; Hall, Church, Jazz Club, Stadium, and Dance DSP sound fields; 172-disc Custom File memory for preferred tracks in one of 4 groups, track deletions, names, DSP settings, and volume settings; direct track/disc access; 20-track music calendar; 6 repeat modes; random play; time, program, and link edit to fit tracks on a given length of tape; 3-mode music scan; peak-level search; time/manual fader; timer switch; 32-track programming; dot-matrix FL display; remote control. FR 2-20,000 Hz ± 0.3 dB; S/N 107 dB; dynamic range 98 dB; ch sep 100 dB. 17 x 5 x 15 1/2 in; 12.6 lb\$480

CDP-CA7ES 5-Disc CD Changer

90-MHz high-density linear D/A converter, 5-disc carousel. Features full feed-forward digital filter with 3-stage oversampling, 45-bit internal processing, and 20-bit outputs; 8 complementary D/A-converter outputs; circuitry to minimize time-base errors; digital servo control of tracking, laser focus, and disc rotation. Gold-plated analog outputs; headphone jack with volume control. Ability to change 4 discs while one plays; program edit to fit tracks to a tape length; remote direct track access; direct disc access; 3-mode music scan; 32-track programming; 20-track music calendar; random play; 6 repeat modes; manual fader; remote control. FR 2-20,000 Hz ± 0.3 dB; S/N 117 dB; dynamic range 100 dB; ch sep 110 dB. 3-yr limited warranty. 17 x 5 x 15 1/2 in; 12.8 lb\$350

CDP-C545 5-Disc CD Changer

Hybrid pulse D/A converter, 5-disc carousel. Features digital servo control; 18-bit digital filter; circuitry to minimize time-base errors. Fiber-optic digital output; headphone jack with volume control. Ability to change 4 discs while one plays; 172-disc Custom File memory for CD preferred tracks in one of 4 categories, names, and delete-play deletions; direct track/disc access; 20-track music calendar; 6 repeat modes; random play; time, program, and link edit to fit tracks to a tape length; 3-mode music scan; peak-level search; time/manual fader; timer switch; 32-track programming; dot-matrix FL display; remote control. FR 2-20,000 Hz ± 0.5 dB; S/N 107 dB; dynamic range 98 dB; ch sep 100 dB. 17 x 5 x 15 1/2 in; 12.6 lb\$350

CDP-C445 5-Disc CD Changer

Hybrid pulse D/A converter, 5-disc carousel. Features

digital servo control; 18-bit digital filter; circuitry to minimize time-base errors. Fiber-optic digital output; headphone jack with volume control. Ability to change 4 discs while one plays; delete play with 400-disc memory; direct track/disk access; 6 repeat modes; random play; time, program, and link edit to fit tracks on a tape length; 3-mode music scan; peak-level search; time/manual fader; 32-track programming; 20-track music calendar; remote control. FR 2-20,000 Hz ± 0.5 dB; S/N 107 dB; dynamic range 98 dB; ch sep 100 dB. 17 x 5 x 15 1/2 in; 12.6 lb\$330

CDP-C365 5-Disc CD Changer

Hybrid pulse D/A converter, 5-disc carousel. Features digital servo control; 18-bit digital filter; circuitry to minimize time-base errors. Ability to change 4 discs while one plays; time, program, and link edit to fit tracks on a tape length; 3-mode music scan; direct track/disc access; 32-track programming; random play; 6 repeat modes; time/manual fader; peak-level search; 20-track music calendar; remote control. FR 2-20,000 Hz ± 0.5 dB; S/N 102 dB; dynamic range 98 dB; ch sep 100 dB. 17 x 5 x 15 1/2 in; 12.4 lb\$280

CDP-C265 5-Disc CD Changer

Hybrid pulse D/A converter, 5-disc carousel. Features digital servo control; 18-bit digital filter; circuitry to minimize time-base errors. Ability to change 4 discs while one plays; time, program, and link edit to fit tracks to a tape length; direct track/disc access; 32-track programming; random play; 6 repeat modes; peak-level search; time/manual fader; 20-track music calendar. FR 2-20,000 Hz ± 0.5 dB; S/N 102 dB; dynamic range 98 dB; ch sep 100 dB. 17 x 5 x 15 1/2 in; 12.4 lb\$250

Portable MD and CD Players

MZ-R3 Portable MD Recorder

10-second antishock memory. Fiber-optic digital input. Disc/track tilting; LCD. Records for 4.5 hrs with 2 AA batteries and optional rechargeable battery. Includes headphone with remote control, AC adaptor, and carrying case. 4 1/2 x 1 x 3 1/4 in; 9.4 oz without batteries\$650

MZ-E3 Portable MD Player

10-second antishock memory. LCD. Plays for 8 hrs with 2 AA batteries and optional rechargeable battery. Includes headphones with LCD remote control, AC adaptor, and carrying case. 4 1/2 x 3/4 x 2 1/2 in; 6 oz\$350

D-335 Portable CD Player

Features 6-second antishock buffer memory. Fiber-optic digital output. Resume play; backlit LCD. Operates on 2 AA batteries for 9 hrs\$359

D-848K Portable CD Player

1-bit D/A converter. Features 10-second antishock memory; motor-driven lid mechanism; mechanical antishock suspension; digital bass enhancement, surround setting, and car setting; heat-resistant cabinet. Line-level output; headphone mini-jack. Last-position memory; random play; repeat; disc-compartment light; backlit display and keys; wireless remote control with backlit LCD. Operates for 7 hrs on 2 AA batteries with antishock buffer off. Includes car-cassette adaptor, car-battery power cord, AC power adaptor, and remote-control holder. FR 20-20,000 Hz ± 1 , -2 dB. 5 1/2 x 1 3/4 x 6 1/2 in; 10.9 oz without batteries\$349

D-421SP Portable CD Player

Features 3-second antishock buffer memory; DSP mode; hydro-suspension system. Resume play. Operates on 2 AA batteries for 6 hours\$345

D-844K Portable CD Player

1-bit D/A converter. Features 10-second antishock buffer; motor-driven lid mechanism; mechanical antishock suspension system; digital bass enhancement, surround setting, and car setting; heat-resistant cabinet. Line-level output; headphone mini-jack. Battery-recharge capability; last-position memory; random play; repeat; disc-compartment light; backlit keys and display; backlit wireless remote control. Operates for 7 hrs on 2 AA batteries with antishock

buffer off. Includes car-battery power cord, car-cassette adaptor, and AC-power adaptor. FR 20-20,000 Hz +1, -2 dB. 5½ x 1½ x 6½ in.; 10.9 oz without batteries\$299

D-842K Portable CD Player

1-bit D/A converter. Features 10-second antishock buffer; mechanical antishock suspension; heat-resistant cabinet; digital bass enhancement with 3-position switch. Line-level output; headphone mini-jack. Battery-recharge capability; last-position memory; random play; repeat; disc-compartment light; backlit keys and display. Operates for 7 hrs on 2 AA batteries with antishock buffer off. Includes car-cassette adaptor, car-battery power cord, and AC-power adaptor. FR 20-20,000 Hz +1, -2 dB. 5½ x 1½ x 6½ in.; 10.9 oz without batteries\$249

D-345 Portable CD Player

1-bit D/A converter. Features 10-second antishock buffer; digital bass enhancement with 3-position selector. Line-level output; headphone mini-jack. Battery-recharge capability; 3-position auto volume limiter; 22-track programming; last-position memory; repeat; LCD. Operates for 12 hrs with 2 AA batteries and antishock buffer turned off. Includes headphones, AC adaptor, and interconnect cable. Rechargeable battery or car accessories optional. FR 20-20,000 Hz +1, -2 dB. 5½ x 1¼ x 5½ in.; 8.7 oz without battery\$199

D-247 Portable CD Player

1-bit D/A converter. Features 3-second antishock buffer. Line-level output; headphone mini-jack. 3-position auto volume limiter; 22-track programming; last-position memory; repeat. Operates for 12 hrs on 2 AA batteries or for 5 hrs with included rechargeable battery, both with antishock buffer turned off. Includes headphones with gold-plated plug, Ni-Cd rechargeable battery, AC power adaptor, and interconnect cable. NiMH rechargeable battery or car accessories optional. FR 20-20,000 Hz +1, -2 dB. 5½ x 1¼ x 6 in.; 9.7 oz without rechargeable battery\$179

D-242CK Portable CD Player

1-bit D/A converter. Features 3-second antishock buffer; bass-enhancement switch with 3-position switch. Line-level output; headphone mini-jack. Battery-recharge capability; 3-position volume limiter; 22-track programming; last-position memory; repeat play. Operates for 12 hrs on 2 AA batteries with antishock buffer off. Includes car-cassette adaptor, car-battery power cord, and AC power adaptor. FR 20-20,000 Hz +1, -2 dB. 5½ x 1¼ x 6 in.; 9.7 oz without battery\$179

D-142CK Portable CD Player

1-bit D/A converter. Line-level output; headphone mini-jack. Battery-recharge capability; 3-position switchable bass enhancement; 3-position auto volume limiter; 22-track programming; repeat. Operates for 8 hrs on 2 AA batteries. Includes car-cassette adaptor, car-battery power cord, AC-power adaptor, and car-mounting plate. FR 20-20,000 +1, -2 dB. 5½ x 1¼ x 5½ in.; 9.5 oz without batteries\$159

D-143 Portable CD Player

1-bit D/A converter. Line-level output; headphone mini-jack. 3-position auto volume limiter; repeat; 22-track programming. Operates for 8 hrs on 2 AA alkaline batteries or 2.5 hrs with included rechargeable battery. Includes headphones, rechargeable battery, AC power adaptor, and interconnect cable. Car accessories optional. FR 20-20,000 Hz +1, -2 dB. 5½ x 1¼ x 5½ in.; 11.3 oz with rechargeable battery\$129

D-141 Portable CD Player

1-bit D/A converter. Line-level output; headphone mini-jack. 3-position auto volume limiter; 22-track programming; repeat; battery recharger for BP-DM10 battery. Operates on 4.5-V DC or for 8 hrs on 2 AA alkaline batteries. Includes headphones, AC-power adaptor, and interconnect cable. Rechargeable battery or car accessories optional. FR 20-20,000 Hz +1, -2 dB. 5½ x 1¼ x 5½ in.; 9.5 oz without batteries\$119

SUMO

Axiom CD Transport

Features fully-discrete Class A output buffers with relocked output level shifted before buffer; no capacitors in signal path; relocking with crystal-controlled master clock and AC-logic gates with local regulation; magnetic disc clamping; jitter-reduction circuitry; 4 active and 4 passive power supplies; 18-gauge steel cabinet with ¼-in-thick aluminum front panel. 1 coaxial RCA digital output; 1 AES/EBU XLR output. Remote control. 19 x 3¼ x 12 in.; 16 lb\$899

TEAC

VRDS-20 CD Player

1-bit double-differential Bitstream D/A conversion. Features proprietary disc clamping with disc-sized aluminum-die-cast overhead turntable; concave lower turntable; triple-top-plate construction and rubber seat inserts for vibration damping; aluminum top, side, and front panels; copper plating for chassis and screws; 18-dB/oct Butterworth analog filter. ST fiber-optic digital output; coaxial and Toslink fiber-optic digital outputs; balanced-XLR analog outputs; unbalanced output. 20-track conventional/delete programming; 3 repeat modes; auto fade-in/out; FL display with remote dimmer control; remote control. FR 1-20,000 Hz ±0.3 dB; S/N 110 dB; dynamic range 99 dB; ch sep 110 dB. 19¼ x 5¼ x 13¼ in\$2,300

VRDS-10 CD Player

1-bit double-differential Bitstream D/A conversion. Features proprietary disc clamping with disc-sized aluminum-die-cast overhead turntable; concave lower turntable; center-mount drive; 18-dB/oct Butterworth analog filter; 3-beam laser pickup; proprietary servo system with low-pass filter; separated analog and digital circuitry; dual top plate with fabric inserted between layers; aluminum front panel. Coaxial and fiber-optic digital outputs. 20-track conventional/delete programming; 3 repeat modes; auto fade-in/out; FL display with dimmer; remote control. FR 1-20,000 Hz ±0.3 dB; S/N 110 dB; dynamic range 99 dB; ch sep 110 dB. 17¼ x 5¼ x 13¼ in\$1,250

VRDS-T1 CD Transport

Features center-mount drive; copper-plated main chassis and rear panel. RCA-coaxial and Toslink-fiber-optic digital outputs. Track/index search; 20-track conventional/delete programming; 4 repeat modes; remote control. 17¼ x 6 x 13¼ in\$1,199

VRDS-7 CD Player

1-bit double-differential Bitstream D/A conversion. Features proprietary disc clamping with disc-sized aluminum-die-cast overhead turntable; concave lower turntable; proprietary servo system with low-pass filter; center-mount drive; separate analog and digital circuitry; dual top plate with rubber seat inserted between layers; aluminum front panel. Coaxial and Toslink fiber-optic digital outputs. 20-track random/delete programming; 3 repeat modes; auto fade-in/out; FL display with dimmer; remote control. FR 1-20,000 Hz ±0.3 dB; S/N 110 dB; dynamic range 99 dB; ch sep 110 dB. 17¼ x 5¼ x 13¼ in.; 19.8 lb\$1,000

CD-P4500 CD Player

1-bit Bitstream D/A conversion. Features center-mount drive; proprietary servo system; 3-beam laser pickup; 18-dB/oct Butterworth analog filter. Fiber-optic digital output; 2 analog outputs; headphone jack with volume control. Tape edit; ±12% pitch control; 1-dB-step digital attenuator; synchro play with compaticole cassette decks; 20-track programming; remote control. FR 0-20,000 Hz ±0.1 dB; S/N 105 dB; dynamic range 98 dB; ch sep 104 dB. 17¼ x 4¼ x 11¼ in\$460

CD-P3500 CD Player

1-bit Bitstream D/A conversion. Center-mount drive; 3-beam laser pickup; 18-dB/oct Butterworth analog filter. Coaxial digital output; headphone jack. 1-dB-step digital attenuator; 20-track programming; 4 repeat modes; 8-digit FL display; remote control. FR 1-20,000 Hz ±0.5 dB; S/N 104 dB; dynamic range 98 dB; ch sep 102 dB. 17¼ x 4¼ x 10¼ in\$340



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CRUTCHFIELD

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PD-D900 5-Disc CD Changer

Dual 16-bit D/A converters, 5-disc front-loading carousel. Features 18-bit digital filter; 3-beam laser pickup. Headphone jack with volume control. Intro scan; 32-track programming; random play; 2 repeat modes; music calendar; 7-digit FL display; Teac UR-system remote control. FR 5-20,000 Hz ± 1 dB; S/N 100 dB at 1,000 Hz; ch sep 85 dB. 17 $\frac{1}{2}$ x 4 $\frac{3}{4}$ x 14 $\frac{1}{4}$ in . . . \$269

CD-P269 CD Player

16-bit linear D/A converter. Features 3-beam laser pickup. Headphone jack with volume control. 24-track programming; track skip; elapsed/remaining-time display; 4-digit LED window; remote control. FR 20-20,000 Hz ± 1 dB; THD 0.07% at 1,000 Hz; S/N 90 dB; ch sep 80 dB at 1,000 Hz. 16 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 11 in . . . \$189

TECHNICS

SL-MC50 5-Disc CD Changer

1-bit MASH D/A converter, 50-disc magazine. Features 10-second max disc access time; digital servo. Ability to group discs; 36-track programming; random play; direct access from remote or unit; Plexiglas disc-viewing window; FL display; remote control. Includes portfolio to store CD liner notes . . . \$400

SL-PG450 CD Player

1-bit MASH D/A converter. Features digital servo. Headphone jack with volume control. Edit Guide to calculate which tracks will fit on each cassette side for a given tape length; peak-level search; synchro play with compatible cassette decks; random play; auto cue; 20-track programming; auto fading at user-selected time; remote with volume control . . . \$180
SL-PG350. As above, without remote control, front-panel direct access, or headphone jack. Controllable through select Technics receiver remotes . . . \$160

5-Disc CD Changers

The following, except SL-VM500, feature delete play; Spiral Play for playing the first track from each disc, then the second from each disc, and so on; 32-track programming; random play; 4 repeat modes; direct disc access; and sequential play.

SL-VM500 5-Disc Video CD Changer

5-disc carousel. Plays MPEG-1 Version 2 video CD's and music CD's. Features bidirectional carousel rotation; digital servo. Ability to change 4 discs while one plays; video pause and repeat; track/ chapter search; direct access; title, artist, chapter-name, and disc-location on-screen displays; remote control . . . \$700

SL-PD1010 5-Disc CD Changer

1-bit MASH D/A converter, 5-disc carousel. Features bidirectional carousel rotation; 4-megabit memory chip that holds 3 seconds of music before routing to D/A converter for disc access in 3 seconds or less; digital servo system with auto adjustment. Ability to change 4 discs while one plays; ID Scan to play loudest 10 seconds of tracks with fade in/out of samples; 2-color disc-location LED's . . . \$300

SL-PD987 5-Disc CD Changer

1-bit MASH D/A converter, 5-disc carousel. Features bidirectional carousel rotation; 7-second max disc-access time; digital servo system with auto adjustment. Ability to change 4 discs while one plays; ID Scan to play loudest 10 seconds of tracks; $\pm 12.5\%$ manual pitch control; auto-cue programmed track access; synchro play with compatible cassette decks; Edit Guide to calculate which tracks will fit on each cassette side for a given tape length; 2-color disc-location LED's; remote control . . . \$250

SL-PD887 5-Disc CD Changer

1-bit MASH D/A converter, 5-disc carousel. Features bidirectional carousel rotation; 7-second max disc-access time; digital servo with auto adjustment. Ability to change 4 discs while one plays; ID Scan to play loudest 10 seconds of tracks; synchro play with compatible cassette decks; Edit Guide to calculate which tracks will fit on each cassette side for a given tape length; FL display with circle-pattern disc-location indication; remote control . . . \$200

SL-PD687 5-Disc CD Changer

1-bit MASH D/A converter, 5-disc carousel. Features bidirectional carousel rotation; 7-second max disc access time; digital servo with auto adjustment. Ability to change 4 discs while one plays; FL display with circle-pattern disc-location indication; remote-control capability with select Technics receivers . . . \$180

THETA DIGITAL

Data III Combi-Player Transport

Features CD-only mode with separate CD drawer and defeat of video circuits; 14 regulated power supplies; digital field memory; digital video processing. Dolby Surround AC-3 RF output; 2 S-video, 1 BNC, and 1 coaxial video outputs; BNC and AES/EBU digital audio outputs. Dual-side videodisc play; digital effects. Fiber-optic digital output optional . . . \$4,495

Data basic II CD Transport

Features 14 regulated power supplies; advanced re-clocking circuitry; 4 separate transformers which isolate display, servo/motor, logic, and output sections. AES/EBU digital audio outputs. Fiber-optic digital output optional . . . \$1,995

VAC

Model 23.1 CD Transport

Designed for use with Model 22.1 D/A converter. Features Stable Platter damping; non-magnetic chassis. Remote control. High-gloss black faceplate. 18 x 4 x 11 in; 25 lb . . . \$1,490

WADIA DIGITAL

Wadia 7 CD Transport

Features external power supply; vibration-free rigid disc clamping system; 3-beam objective glass-lens pickup; 2-dimensional parallel drive; machined cast-alloy turntable; precision servo-sled tracking mechanism; floating suspension system. Glass fiber-optic digital output; EIAJ plastic fiber-optic digital output; SPDIF BNC coaxial digital output; AES/EBU XLR output. Remote control. Transport 9 $\frac{1}{2}$ x 6 x 17 $\frac{1}{2}$ in. Power supply 7 $\frac{1}{2}$ x 6 x 17 $\frac{1}{2}$ in . . . \$11,000
Wadia 20. As above, integral power supply. 17 x 6 x 16 in; 43 lb . . . \$4,000

Wadia 16 CD Player

Features vibration-free rigid disc clamping system; 3-beam laser pickup. Glass fiber-optic, plastic fiber-optic, coaxial, and AES/EBU digital inputs; glass fiber-optic, plastic fiber-optic, coaxial, AES/EBU digital outputs; unbalanced and balanced analog outputs. Digital volume control. 17 x 5 $\frac{1}{2}$ x 16 in; 45 lb . . . \$6,750

Wadia 21 CD Player

Features vibration-free rigid disc clamping system; 3-beam laser pickup. Glass fiber-optic, plastic fiber-optic, coaxial, and AES/EBU digital outputs; unbalanced and balanced analog outputs. Digital volume control. 13 $\frac{1}{2}$ x 6 $\frac{1}{2}$ x 16 in; 37 lb . . . \$5,000

Wadia 23 CD Player

Features 3-beam laser pickup; worm-gear driven servo. Balanced and unbalanced outputs. 1-yr warranty. 13 $\frac{1}{2}$ x 5 $\frac{1}{2}$ x 13 in; 16 lb . . . \$2,750

Wadia 22 CD Transport

Features 3-beam laser pickup; worm-gear driven servo. ST glass fiber-optic, plastic fiber-optic, coaxial BNC, and AES/EBU XLR digital outputs. 1-yr warranty. 13 $\frac{1}{2}$ x 5 $\frac{1}{2}$ x 13 in; 16 lb . . . \$2,000

YAMAHA

CDV-300K Karaoke Combi-Player

Plays multiplex and stereo karaoke discs, CD's, and videodiscs. 2 mic inputs; AUX jacks. Club and Hall surround modes; balance control for music and original vocals; auto muting of recorded vocals when using; karaoke processor with inputs for other sources; 17-step key control; 17-step digital echo; settings memory; shuttle search; picture-sharpness control; 20-chapter/track programming; random play; 3 repeat

modes; on-screen displays; remote control. S/N 100 dB; dynamic range 96 dB. 17 $\frac{1}{2}$ x 5 $\frac{1}{4}$ x 16 $\frac{1}{4}$ in . . . \$899

CDV-W901 Karaoke Combi-Player

1-bit D/A conversion. Plays CD's and videodiscs. Dolby Surround AC-3 decoding; digital video processing; digital field memory. Dolby Surround AC-3 outputs; fiber-optic digital output; 2 audio, 2 video, 2 S-video outputs; 2 mic inputs. Dual-side play; digital echo; one-touch karaoke; track programming; random play; 6 repeat modes; direct track access; frame/frame number search; last-position memory; on-screen displays; system remote control. S/N 115 dB; dynamic range 95 dB. 17 x 5 $\frac{1}{4}$ x 16 $\frac{1}{4}$ in . . . \$899

CDV-870 Combi-Player

Plays CD's and videodiscs. Features all-digital picture processing; switchable CX NR; digital time-base control; color-drop-out correction. Fiber-optic digital output. Switchable screen saver; 15-chapter/track programming; 10 forward/reverse speeds; shuttle search; 3 repeat modes; CD peak-level search; freeze frame; single-frame advance; track skip/ scan; frame or track-memory search; movie scan; auto Dolby-level adjustment; on-screen displays; Yamaha system remote-control compatibility; remote control . . . \$749

CDX-480 CD Player

Features digital servo; aluminum front panel. Variable-level analog output; headphone jack. Synchro record with compatible cassette decks; 3 tape-edit modes; random play; 25-track programming; index search; 2 repeat modes; remote volume control; peak-level search; total, total-remaining, single, and single-remaining time displays; 3 display-illumination levels; system remote control. FR 20-20,000 Hz ± 0.5 dB. 17 $\frac{1}{2}$ x 3 $\frac{1}{4}$ x 10 $\frac{1}{4}$ in . . . \$249

CD Changers

CDC-845 5-Disc CD Changer

PDM D/A converters, 5-disc carousel. Class A current buffer amp; digital servo; time-base corrector. Fiber-optic digital output; gold-plated variable analog output; gold-plated headphone jack. Ability to change four discs while one plays; 100-disc program memory; 40-track programming; tape edit; intro scan; index search; random play; 4 repeat modes; peak-level search; synchro play with compatible cassette decks; 3 display-intensity modes; system remote-control compatibility; remote control. S/N 118 dB; dynamic range 100 dB. 17 $\frac{1}{2}$ x 4 $\frac{1}{4}$ x 15 $\frac{1}{4}$ in . . . \$499

CDC-755 5-Disc CD Changer

Yamaha S-bit Plus D/A conversion. Features digital servo. Ability to change four discs while 5th plays; intro scan; tape edit; 40-track programming; peak-level search; music calendar; system remote control. S/N 115 dB; dynamic range 100 dB. 17 $\frac{1}{2}$ x 4 $\frac{1}{4}$ x 15 $\frac{1}{4}$ in . . . \$399

CDC-655 5-Disc CD Changer

Yamaha S-bit Plus D/A conversion. Features digital servo. Fiber-optic digital output; variable-level output. Ability to change four discs while 5th plays; Intro scan; tape edit; remote/front-panel direct track access; 20-track programming; peak-level search; system remote control. S/N 106 dB; dynamic range 96 dB. 17 $\frac{1}{2}$ x 4 $\frac{1}{4}$ x 15 $\frac{1}{4}$ in . . . \$299

CDC-555 5-Disc CD Changer

Features digital servo. Ability to change four discs while 5th plays; intro scan; system remote control. S/N 102 dB; dynamic range 95 dB. 17 $\frac{1}{2}$ x 4 $\frac{1}{4}$ x 15 $\frac{1}{4}$ in . . . \$249

YBA

YBA 3 CD Player

Dual 18-bit D/A converters. Features top loading; external power supply; laser belt drive; 3-beam laser pickup; magnetic damper; Teac drive and control. 18-month warranty. 17 $\frac{1}{4}$ x 3 $\frac{3}{4}$ x 13 $\frac{1}{4}$ in . . . \$3,400
YBA 2. As above, with integral power supply for mechanical and digital sections and external power supply for analog section . . . \$4,800
YBA 1. As YBA 3, larger ext power supply . . . \$6,000

TAPE DECKS

AIWA

The following feature Dolby B and C noise reduction, Dolby HX Pro, a tape stabilizer, program search, and a remote control.

AD-S950 3-Head Cassette Deck

Dolby S. Features 2-motor dual-capstan drive; PC-OCC head wire; record calibration system. IC logic controls; fine bias control; counter zero return; repeat; linear tape counter; display mode control. FR 15-21,000 Hz metal; S/N 79 dB Dolby C; w&F 0.035%. 17 x 5 1/4 x 12 1/2 in; 11 lb\$500

AD-F850 3-Head Cassette Deck

Features 2-motor dual-capstan drive; PC-OCC head wire; sendust erase head; record calibration system. IC logic controls; auto tape-bias selector; FL level indicators with peak hold; linear tape counter; display mode control. FR 20-16,000 Hz ± 3 dB metal; S/N 78 dB Dolby C; w&F 0.035%. 15 1/2 x 5 1/4 x 12 1/2 in; 9.9 lb\$400

AD-WX727 Double Cassette Deck

Autoreverse for both transports; IC logic controls; auto tape-bias selector; high-speed dubbing; 2-tape continuous play; blank skip; FL level indicators with peak hold; two FL tape counters. FR 20-18,000 Hz metal; S/N 78 dB Dolby C; w&F 0.09%. 16 1/2 x 5 1/4 x 12 1/2 in; 10.8 lb\$300

AD-F450 Cassette Deck

Features PC-OCC head wire. IC logic controls; fine bias control; auto tape-bias selector; auto-record mute; LED level indicators; tape counter. S/N 78 dB Dolby C; w&F 0.065%. 15 1/2 x 5 1/4 x 10 1/2 in; 7.9 lb\$250

ARCAM

Delta 100 3-Head Cassette Deck

Dolby S, B, C. Features 3 motors. Auto tape-bias selector; program search; bias and record-level controls; peak-level meters; real-time counter; remote control through system remote control. FR 20-20,000 Hz ± 3 dB high bias; S/N 88 dB Dolby S, 66 dB no NR; w&F 0.04% wrms\$1,800

BANG & OLUFSEN

Beocord 7000 Cassette Deck

Dolby B, C, HX Pro. Integrates with Beosystem 7000. Features sendust head. Autoreverse; auto track search; auto dynamic recording-level control; transport opens by touching front panel. FR 30-18,000 Hz ± 3 dB; S/N 65 dB Dolby B. 16 1/2 x 3 x 12 1/4 in; 18.7 lb\$1,250

CARVER

TDR-1550 Cassette Deck

Dolby B, C, HX Pro. Features PC-OCC-coil metal-alloy record/play head; double-gap ferrite erase head. Headphone jack with volume control. Autoreverse; timer record; real-time counter; peak-level meters; remote control. FR 40-18,000 Hz high bias; S/N 73 dB metal; w&F 0.06%. 19 x 5 1/4 x 12 1/4 in; 12 lb\$599

DENON

The following feature Denon IS-system remote-control compatibility.

DRM-740 3-Head Cassette Deck

Dolby B, C, HX Pro. Features 3 motors; die-cast aluminum head base; closed-loop dual-capstan design; non-slip reel drive; metal top and side panels. Full-logic controls; bias control; auto tape-bias selector; record return; program search; synchro record with compatible CD players; output-level control; 4-digit linear counter; FL display with peak-level meters and peak hold\$400

DRS-640 Cassette Deck

Dolby B, C, HX Pro. Features horizontal cassette loading; ceramic-composite cassette stabilizer; non-slip reel drive; all-metal top and side panels. Full-logic



Teac V-1010 cassette deck

ic controls; synchro record with compatible CD players; bias control; auto tape-bias selector; program search; record return; remaining-time display; 4-digit linear counter; output-level control; FL display with peak-level meters\$300
DRS-810. 3-head version of above. Features closed-loop dual-capstan design; die-cast aluminum head base; 3 motors; peak-hold display\$500

DRR-730 Cassette Deck

Dolby B, C, HX Pro. Features non-slip reel drive. Rotating-head autoreverse; full-logic controls; bias control; auto tape-bias selector; record return; program search; output-level control; 4-digit counter with memory stop; FL display with peak-level meters\$300

DRW-660 Double Cassette Deck

Dolby B, C, HX Pro. One record/play transport; rotating-head autoreverse for both transports; 2-tape sequential play; normal/high-speed dubbing; program search; synchro record with compatible CD players; bias control; auto tape-bias selector; 4-digit counter with memory stop; FL display with peak-level meters\$300
DRW-840. As above, record/play for both transports. 2-tape simultaneous or relay record; non-slip reel drive and 2 motors for each transport\$400

DRW-580 Double Cassette Deck

Dolby B, C, HX Pro. Autoreverse for both transports; 2-tape relay play; bias control; normal/high-speed dubbing; program search; auto tape-bias selector; synchro record with compatible CD players; meter with -40- to +10-dB range; two counters\$250

DRM-540 Cassette Deck

Dolby B, C, HX Pro. Features non-slip reel drive; metal top panel. Full-logic controls; bias control; auto tape-bias selector; record return; program search; synchro record with compatible CD players; FL display with peak-level meters\$250

DUAL

CC5850RC Cassette Deck

Dolby B, C, HX Pro. Remote control. S/N 76 dB; w&F 0.05%\$505

CC8065RC Cassette Deck

Dolby B, C, HX Pro. Remote control. S/N 74 dB; w&F 0.06%\$440

FISHER

CR-W985 Double Cassette Deck

Dolby B, C, HX Pro. Headphone jack. Full-logic and autoreverse for both transports; synchro high-speed dubbing; 2-tape sequential play; L/R record-level con-

trois; auto tape-bias selector; timer standby; two 5-segment LED level meters; remote control through any Fisher receiver remote control\$180

CR-W685 Double Cassette Deck

Dolby B. Headphone jack. Autoreverse for one transport; synchro high-speed dubbing; 2-tape sequential play; L/R record-level controls; auto tape-bias selector; two 5-segment LED level meters\$130

HARMAN KARDON

DC5300 Double Cassette Deck

Dolby B, C. Features hard-Permalloy heads. Rear-panel remote-control jack. One record/play transport; autoreverse; high-speed dubbing; bias control; edit mode; linear time counter. FR 20-17,000 Hz ± 3 dB\$499

TD420 Cassette Deck

Dolby B, C, HX Pro. Features front-loading tape drawer; solenoid-controlled transport; switchable MPX filter; 2 hard-Permalloy heads. Rear-panel remote jack. Fine bias control; auto tape-bias selector; linear time counter. FR 20-18,000 Hz ± 3 dB\$399

JVC

The following feature a 1-year carry-in service-and-parts warranty.

TDV661TN 3-Head Cassette Deck

Dolby B, C, HX Pro. Features closed-loop dual-capstan drive with direct-drive motor; computer-controlled full logic; cassette-shell stabilizer; aluminum front panel; center-mount transport; PC-OCC head-coil wiring; powered cassette door; bias and level record calibration; built-in record oscillator; MPX filter. CD-direct input; headphone jack with volume control. Input-balance control; auto record mute; music scan; auto tape-bias selector; auto monitor; timer record/play; FL peak display, level meters, and 4-digit linear counter; CompuLink remote-control compatibility\$420

TDR461TN Cassette Deck

Dolby B, C, HX Pro. Features computer-controlled full logic; cassette-shell stabilizer; powered cassette door. CD-direct input; headphone jack. Rotating-head autoreverse; bias control; auto record mute; program scan; timer record/play; auto tape-bias selector; input-balance control; FL level meters; 4-digit FL linear counter switchable to peak display; CompuLink remote-control compatibility\$280

TDW317TN Double Cassette Deck

Dolby B, C, HX Pro. Features one record/play transport; computer-controlled full logic; cassette-shell stabilizer in both transports. Headphone jack; mic in-

put with mix-level control. Rotating-head autoreverse for both transports; pitch control for one transport; 2-tape sequential play; synchro high-speed dubbing; auto/synchro record mute; program scan; auto tape-bias selector; FL level meters and 4-digit counter for both transports; CompuLink remote-control compatibility\$270
TDW717TN. As above, autoreverse record/play for both transports, each with Dolby HX Pro. Headphone volume control. 2-tape sequential record\$330

TDW215TN Double Cassette Deck

Dolby B, C, HX Pro. Features one record/play transport; computer-controlled full logic. Headphone jack. 2-tape sequential play; synchro high-speed dubbing; auto/synchro record mute; auto tape-bias selector; FL level meters and 4-digit counter for both transports; CompuLink remote-control compatibility\$200
TDW217TN. As above, with autoreverse for both transports\$220

KENWOOD

KX-W8070S Double Cassette Deck

Dolby B, C, HX Pro for both transports. Features switchable MPX filter. Gold-plated headphone jack. Autoreverse record/play for both transports; full-logic controls for both transports; auto bias setting for one transport; 2-tape simultaneous or sequential recording; 2-tape sequential play; high-speed dubbing; high-speed CD dubbing with compatible CD players; 16-track program search; track repeat; index scan for one transport; one-touch record with compatible CD players; auto tape-bias selector; timer record/play; FL record-level meters; 2 FL linear tape counters; system remote-control compatibility\$300

KX-W4070 Double Cassette Deck

Dolby B, C, HX Pro. Gold-plated headphone jack. One record/play transport; full-logic controls and autoreverse for both transports; high-speed dubbing; one-touch record with compatible CD players; 16-track program search; track repeat; index scan; 2-tape sequential play; record level and balance controls; timer record/play; FL record-level meters; 2 FL tape counters; system remote-control compatibility\$200

KX-W1060 Double Cassette Deck

Dolby B. Mechanical logic for both transports; tape dubbing; auto tape-bias selector for both transports; LED record-level meters\$99

LUXMAN

K-373 3-Head Cassette Deck

Dolby B, C, HX Pro. Features record and play heads with hard-Permalloy cores; independent power-signal paths for audio and other sections; die-cast aluminum base; demagnetizer; polymer-Sorbothane cassette stabilizer; line-phase sensor; STAR circuitry; switchable MPX filter. Mic input; system bus connection. Bias control; record return; program search; blank search/skip; auto scan; synchro record with compatible CD players; timer record/play; display with dimmer; linear FL counter. FR 15-21,000 Hz high bias; S/N (high bias) 66 dB Dolby B, 74 dB Dolby C, 58 dB no NR; w&F 0.045%. Black or champagne finish. 17½ x 5 x 14 in; 13 lb\$695

K-322 Cassette Deck

Dolby B, C, HX Pro. Features metal chassis; record and play heads with hard-Permalloy cores; switchable MPX filter. Fine bias control; auto music search; auto tape-bias selector; record return; FL digital counter. FR 25-18,000 Hz high bias; S/N (high bias) 65 dB Dolby B, 71 dB Dolby C, 56 dB no NR. Black. 17½ x 5 x 7 in; 9 lb\$449

MARANTZ

DD-92 DCC Deck

18-bit Delta-Sigma A/D conversion, dual 1-bit Bit-stream PDM D/A converters. Features copper-plated chassis with die-cast side panels; motor-driven volume control. Fixed- and variable-level analog outputs; fiber-optic and coaxial digital inputs and outputs.

Analog-cassette playback compatibility with Dolby B and C NR; elapsed- and remaining-time, artist-name, and album- and song-title displays; 5 programmable recording markers; intro scan; blank skip; synchro record with compatible CD players; repeat; auto analog tape-bias selection; FL display. Sampling rates 32, 44.1, and 48 kHz; FR 10-20,000 Hz ±0.2 dB DCC with 44,100 Hz rate, 20-18,000 Hz ±3 dB analog; THD 0.003% DCC; S/N 59 dB analog with no NR, 103 dB DCC; dynamic range and ch sep 100 dB DCC. 17½ x 5¼ x 14¼ in; 30 lb\$699
DD-82. As above, chassis not copper plated with die-cast side panels. S/N 101 dB DCC; THD 0.0035% DCC. 16½ x 5¼ x 14¼ in; 26 lb\$599

Slim Series SD-1020 Cassette Deck

Dolby B, C, HX Pro. One of three Slim Series components, featuring compact chassis and hinged titanium front panel that conceals all controls. Features horizontal motor-driven tray; metal-alloy record/play head; dual-gap ferrite erase head; DC-servo-controlled capstan and reel drives. Autoreverse; intro scan; timer record/play; remote control; can also be operated by system remote supplied with SR-1020 receiver. FR 30-18,000 Hz high bias, no NR; S/N (high bias) 58 dB no NR, 68 dB Dolby B, 78 dB Dolby C; w&F 0.1%. 16½ x 3 x 12¼ in; 10.1 lb\$399

SD-545 Double Cassette Deck

Dolby B, C, HX Pro. Features one record/play transport; photo-sensor end-of-tape detection; DC capstan and reel motors. RC-5 system remote-control jacks; headphone jack with volume control. Autoreverse and microprocessor full-logic for both transports; repeat; synchro record with compatible CD players; normal/high-speed dubbing; digital tape counter; digital peak-level indicator; remote control. FR 40-17,000 Hz ±3 dB high bias, no NR; S/N (high bias) 60 dB no NR, 70 dB Dolby B, 80 dB Dolby C; w&F 0.06% wrms. 17½ x 5½ x 12½ in\$350

SD-63 3-Head Cassette Deck

Dolby B, C, HX Pro. Features hard-Permalloy record and play heads; double-gap ferrite erase head; alloy flywheel. RC-5 system remote-control jacks. Microprocessor-controlled logic; switchable MPX filter; bias, level, and balance recording controls; synchro record with compatible CD players; FL display; remote control. FR 20-17,000 Hz ±3 dB high bias, no NR; S/N (high bias) 58 dB no NR, 68 dB Dolby B, 78 dB Dolby C; w&F 0.05%. 16½ x 5½ x 12 in\$349

NAD

Model 602 Cassette Deck

Dolby B, C, HX Pro. Full-logic controls; LED record-level meter. FR 35-16,000 Hz ±3 dB; S/N 66 dB Dolby B, 76 dB Dolby C, 56 dB no NR; w&F 0.06%. 16½ x 5 x 10¼ in; 9.8 lb\$299

NAKAMICHI

DR-1 3-Head Cassette Deck

Dolby B, C. Features multiply regulated power supply; adjustable azimuth; dual capstans; DC servo capstan motor; pressure-pad lifter; auto slack take-up; integrated construction of head and playback amp. Gold-plated inputs and outputs. Switchable MPX filter; bidirectional auto search; adjustable bias; repeat; timer; record mute; output-level control; tape-bias selector with interlocked EQ selection; FL display; 4-digit counter; system remote-control compatibility. FR 20-21,000 Hz ±3 dB; THD 0.8% metal; S/N (metal) 66 dB Dolby B, 72 dB Dolby C; w&F 0.035% wrms. 17 x 4 x 12½ in; 12 lb\$930
DR-2. As above, without adjustable azimuth, output-level control, or gold-plated connectors\$750

DR-3 Cassette Deck

Dolby B, C. Features DC servo capstan motor; regulated power supply; pressure-pad lifter; auto slack take-up. Switchable MPX filter; bidirectional auto search; adjustable bias; repeat; timer; record mute; tape-bias selector with Interlocked EQ selection; 4-digit counter; FL display; system remote-control compatibility. FR 20-20,000 Hz ±3 dB; S/N (metal) 64 dB

Dolby B, 70 dBA Dolby C; w&F 0.06% wrms. 17 x 4 x 12½ in; 14 lb\$430

ONKYO

The following feature Onkyo RI-system remote-control compatibility.

TA-R401 Cassette Deck

Dolby B, C, HX Pro. Features switchable MPX filter. Full-logic controls; autoreverse; auto tape-bias selector; synchro record with compatible CD players; program search; auto space, timer; single/block repeat; master and balance input-level controls; 4-digit electronic counter; FL display; peak-level indicator; remote control. FR 20-18,000 Hz high bias; w&F 0.07% wrms. 18 x 4¼ x 12½ in; 11.2 lb\$385

TA-R301 Cassette Deck

Dolby B, C, HX Pro. Features switchable MPX filter. Headphone jack. Full-logic controls; autoreverse; synchro record with compatible CD players; auto tape-bias selector; block repeat; auto space; master and balance input-level controls; peak hold; FL display with peak-level indicator. FR 20-18,000 Hz high bias; w&F 0.07% wrms. 18 x 4¼ x 12½ in; 11.2 lb\$299

TA-201 Cassette Deck

Dolby B, C, HX Pro. Headphone jack. Full-logic controls; synchro record with compatible CD players; auto tape-bias selector; full/block repeat; switchable auto spacing and MPX filter; input level and balance controls; FL display with peak-level indicator; peak hold; remote control. FR 20-18,000 Hz high bias; w&F 0.07% wrms. 18 x 4¼ x 12½ in; 11 lb\$249

Double Cassette Decks

Integra TA-RW909 Double Cassette Deck

Dolby B, C, HX Pro. Features 3 motors per transport; copper-plated chassis; powered cassette loading. Headphone jack with volume control. Autoreverse record/play for both transports; full-logic controls; random play; repeat; 2-tape simultaneous or sequential record; 2-tape sequential play; synchro record with compatible CD players; blank skip; programmable program search; high-speed dubbing; switchable auto space; auto tape-bias selector; input level and balance controls; LED peak meter; FL display; remote control. FR 20-18,000 Hz high bias; w&F 0.065% wrms. 18 x 5¼ x 4¼ in; 18.1 lb\$709

TA-RW505 Double Cassette Deck

Dolby B, C, HX Pro. Headphone jack. Full-logic controls; autoreverse record/play for both transports; 2-tape simultaneous record; 2-tape sequential play; synchro record with compatible CD players; switchable auto space; auto tape-bias selector; high-speed dubbing; input level and balance controls; program search; repeat. FR 20-16,000 Hz high bias; w&F 0.07% wrms. 18 x 4¼ x 12½ in; 12.5 lb\$409

TA-RW411 Double Cassette Deck

Dolby B, C, HX Pro. Headphone jack. Full-logic controls; autoreverse record/play for both transports; program search; synchro record with compatible CD players; switchable auto space; auto tape-bias selector; 2-tape sequential play; high-speed dubbing; input level control; FL peak-level indicator. FR 20-16,000 Hz high bias; w&F 0.07% wrms. 18 x 4¼ x 12½ in; 13.2 lb\$335

TA-RW311 Double Cassette Deck

Dolby B, C, HX Pro. Headphone jack. One record/play transport; autoreverse for both transports; full-logic controls; synchro record with compatible CD players; switchable auto space; auto tape-bias selector; 2-tape sequential play; high-speed dubbing; input level control; LED peak-level indicator. FR 20-16,000 Hz high bias; w&F 0.07% wrms. 18 x 4¼ x 12½ in; 12.1 lb\$250

OPTIMUS BY RADIO SHACK

DCT-2000 DCC Deck

Features drawer loading. Fiber-optic and coaxial digital inputs; headphone jack with volume control. Auto-

T A P E D E C K S

reverse; analog-cassette playback compatibility with Dolby B and C NR; 20-track programming; display for titles and artists from prerecorded DCC's\$300

SCT-57 Double Cassette Deck

Dolby S, B, C, HX Pro. Features auto bias, level, and equalization controls; auto frequency-response-spectrum adjustment. Headphone jack. Autoreverse for both transports; one-touch normal/high-speed dubbing; program search; blank skip; 2-tape continuous play; synchro record with compatible CD players; FL display; remote control through select Optimus receivers\$280

SCT-56 Double Cassette Deck

Dolby B, C, HX Pro. Autoreverse for both transports; normal/high-speed dubbing; program search; blank skip; 2-tape continuous play; synchro record with compatible CD players; auto tape-bias selector; FL display; remote control through select Optimus receivers\$200

SCT-49 Double Cassette Deck

Dolby B. Headphone jack. Autoreverse for one transport; 2-tape continuous play; high-speed dubbing; auto tape-bias selector; 2 input-level controls; record-level meters\$150

SCT-53 Double Cassette Deck

Dolby B. 2-tape sequential play; normal/high-speed dubbing; auto record-level control; auto tape-bias selector\$130

SCT-86 Cassette Deck

Dolby B. Mic jacks. Normal/high-bias selector; pause; 2 record-level controls; 2 LED level meters; tape counter\$90

PHILIPS

The following feature Philips's Enhanced System Intelligence bus that enables 900 Series components to communicate with one another.

FC931 Double Cassette Deck

Dolby B, C, HX Pro. Full-logic controls; autoreverse for both transports; synchro record with compatible CD players; electronic real-time counter; track search; auto bias control; auto tape-bias selection. 17% x 5 1/2 x 11 1/2 in; 11.4 lb\$280

FC911. As above, without Dolby HX Pro. Manual bias control; linear tape counter\$230

PIONEER

Elite CT-W79 Double Cassette Deck

Dolby S, B, C, HX Pro. Features circuit that automatically optimizes recording bias, level, and EQ depending on inserted tape using 3 calibration frequencies; Flex dynamic playback power-spectrum adjustment; MPX filter; honeycomb chassis; hard-Permalloy record/play heads; ferrite erase heads. Headphone jack; mic input with level control. Autoreverse record/play for both transports; 2-tape simultaneous/sequential recording; 2-tape continuous play; normal/high-speed dubbing; synchro record with compatible CD players; program search; blank skip; auto space record mute; auto tape-bias selector; two 4-digit electronic counters; FL peak-level meter; system remote-control compatibility. FR 20-19,000 Hz high bias; S/N 57 dB no NR; W&F 0.08%. 16% x 5 x 9 1/4 in\$545

Elite CT-W59 Double Cassette Deck

Dolby S, B, C, HX Pro. Features circuit that automatically optimizes recording bias, level, and EQ using 3 calibration frequencies and extends high-frequency headroom depending on inserted tape; Flex dynamic playback power-spectrum adjustment; MPX filter; honeycomb chassis; hard-Permalloy record/play and play heads; ferrite erase head. Headphone jack. Autoreverse record/play for one transport; synchro record with compatible CD players; 2-tape continuous play; normal/high-speed dubbing; program search; blank skip; auto space record mute; auto tape-bias selector; two 4-digit electronic counters; FL peak-level meter; system remote-control compatibility. FR 20-

19,000 Hz high bias; S/N 57 dB no NR; W&F 0.09%. 16% x 5 x 9 1/4 in\$435

CT-W704RS Double Cassette Deck

Dolby S, B, C, HX Pro. Features auto bias and level record optimization. Headphone jack; mic input. Autoreverse record/play for both transports; 2-tape sequential record/play; normal/high-speed dubbing; program search; blank skip; auto tape-bias selector; synchro record with compatible CD players; 4-digit electronic tape/elapsed-time counter; FL peak-hold meter; SR-system remote compatibility\$355

CT-W604RS. As above, record/play for one transport only. No mic input\$260

CT-W504R Double Cassette Deck

Dolby B, C, HX Pro. Headphone jack. Record/play for one transport, autoreverse for both; auto NR selection during play; relay play; normal/high-speed dubbing; program search; blank skip; auto tape-bias selector; synchro record with compatible CD players; 4-digit electronic tape/elapsed-time counter; FL peak-hold meter; SR-system remote compatibility\$245

CT-W404R. As above, autoreverse for record/play transport only. No auto NR selection\$225

CT-W103 Double Cassette Deck

Dolby B. Record/play for one transport; MPX filter; normal/high-speed dubbing; auto level control; auto tape-bias selector; 2-tape sequential play; LED level meter\$150

ROTEL

RD-960BX Cassette Deck

Dolby B, C, HX Pro. Features 2 motors; switchable MPX filter. Fine bias control; program search; memory rewind/repeat; remote control. FR 20-18,000 Hz ± 3 dB; S/N 74 dB; W&F 0.035%. 17% x 4 1/4 x 13 in. . . \$400

SHERWOOD

DD-4050C Double Cassette Deck

Dolby B, C, HX Pro. Headphone jack. Autoreverse and full-logic controls for both transports; high-speed dubbing; relay play; 20-track program search; synchro record/dub; synchro record with compatible CD players; record mute; blank skip; auto tape-bias selector; real-time counter; electronic tape counter; display dimmer; FL display\$279

DD-2040 Double Cassette Deck

Dolby B. Headphone jack. Autoreverse for one transport; high-speed dubbing; relay play; synchro record/dub; record mute; auto tape-bias selector; mechanical tape counter; LED display\$199

SONY

DTC-790 DAT Deck

Pulse D/A converter, pulse-type A/D converter. Features 20-bit digital filter with dither and 45-bit internal processing; 3-motor direct-drive transport. Fiber-optic and coaxial digital inputs; analog inputs and outputs; fiber-optic digital output; headphone jack with volume control. Standard and long-play modes; auto/manual ID subcoding; track programming; 200x or 400x fast search; audible cue at 2.5/8x speed; intro scan; direct track access; synchro record with compatible CD players; 2 repeat modes; timer record/play capability; record mute; selectable absolute- or remaining-time display; remote control. Sampling rates 32, 44.1, and 48 kHz; FR 2-22,000 Hz ± 0.5 dB; THD 0.005% at 1,000 Hz; S/N 90 dB; dynamic range 90 dB. 17 x 4 1/4 x 12 1/2 in; 11 lb\$800

TC-K615S 3-Head Cassette Deck

Dolby S, B, C, HX Pro. Features 2-motor transport; quartz-control servo drive system; Sorbothane cassette stabilizer; bias and record calibration with built-in oscillator; sapphire main bearings; Permalloy heads; drive between power supply and audio circuits; switchable MPX filter. Headphone jack. 9-track program search; auto play after fast-forward/rewind; record level and balance controls; record mute; timer record/play; linear tape counter; 16-segment FL

peak-level meters; remote control through compatible Sony receivers. FR (high bias) 20-18,000 Hz ± 3 dB no NR; S/N (high bias) 59 dB no NR; W&F 0.045%. 17 x 4 1/4 x 12 1/2 in; 9.5 lb\$430

TC-WR665S Double Cassette Deck

Dolby S, B, C, HX Pro for both transports. Features two motors for each transport; auto tape calibration; Permalloy heads; switchable MPX filter. Autoreverse for both transports; full-logic controls; track programming; 9-track program search; relay play; high-speed dubbing; pitch control; record level and balance controls; auto play after fast-forward/rewind; record mute; two electronic tape counters; 14-segment FL peak-level meters; remote control through compatible Sony receivers. FR (high bias) 30-17,000 Hz ± 3 dB; S/N (high bias) 57 dB no NR; W&F 0.07% wrms. 17 x 5 x 11 1/2 in; 10 lb\$300

TC-WR565 Double Cassette Deck

Dolby B, C, HX Pro. Features two motors for each transport; auto tape calibration; Permalloy heads; switchable MPX filter. Autoreverse for each transport; full-logic controls; track programming; 9-track program search; relay play; high-speed dubbing; pitch control; record level and balance controls; auto play after fast-forward/rewind; record mute; two electronic tape counters; 14-segment FL peak-level meters; remote control through compatible Sony receivers. FR (high bias) 30-17,000 Hz ± 3 dB; S/N (high bias) 57 dB no NR; W&F 0.08% wrms. 17 x 5 x 11 1/2 in; 10 lb\$250

TC-K461S Cassette Deck

Dolby S, B, C, HX Pro. Features 2-motor transport; Sorbothane cassette stabilizer; bias and record calibration with built-in oscillator; Permalloy heads; switchable MPX filter. 9-track program search; auto play after fast-forward/rewind; record level and balance controls; record mute; electronic tape counter with memory; 16-segment FL peak-level meters; remote control via compatible Sony receivers. FR 30-15,000 Hz ± 3 dB high bias; S/N (high bias) 57 dB no NR; W&F 0.07% wrms. 17 x 5 x 12 1/2 in; 7.3 lb . . . \$250

TC-WR465 Double Cassette Deck

Dolby B, C, HX Pro. Features 2 motors; Permalloy tape heads; MPX filter. Autoreverse for both transports; full-logic controls; track programming; 9-track program search; high-speed dubbing; relay play; record level and balance controls; auto play after fast-forward/rewind; record mute; 2 electronic counters with memory; 14-segment FL peak-level meters; remote control through compatible Sony receivers. FR (high bias) 30-17,000 Hz ± 3 dB; S/N (high bias) 57 dB no NR; W&F 0.1% wrms. 17 x 5 1/2 x 12 in; 9 lb . . . \$200

TC-W365 Double Cassette Deck

Dolby B, C. Features one transport record/play, other play-only; one motor for each transport; Permalloy heads; MPX filter. High-speed dubbing; metal-bias compatibility; record-level control; 7-segment LED level meters; mechanical counter with reset key. FR (high bias) 30-14,000 Hz ± 3 dB; S/N (high bias) 57 dB no NR; W&F 0.11% wrms. 17 x 5 x 11 1/2 in; 8.1 lb . . . \$150

ES Series

DTC-2000ES DAT Deck

16-output 90-MHz high-density linear D/A converter, pulse-type A/D conversion. Features Super Bit Mapping noise shaping for 20-bit resolution; 4-motor direct-drive transport; 4-head system with separate record and play heads; dual-FET mic-input amplifiers; copper chassis shielding; centered transport; separate analog and digital power supplies. 2 fiber-optic and 1 coaxial digital inputs; analog inputs; fiber-optic and coaxial digital outputs; analog outputs; mic inputs; headphone jack with volume control. Standard and long-play modes; SCMS copy-management system; 2.5/8.5x audible cueing; 200/400x speed search; auto/manual ID subcoding; remote direct track access; track programming; skip play; end search; music scan; absolute/relative time search; 2 repeat modes; timer record/play; record mute; variable fade in/out; absolute-, remaining-, or program-time display; 29-segment digital peak meters; digital peak-margin Indicator; remote control. Sampling rates

32, 44.1, and 48 kHz; FR 2-22,000 Hz ± 0.5 dB; S/N and dynamic range 94 dB; THD 0.0035% at 1 kHz. 3-yr limited warranty. 17 x 5 1/4 x 15 in; 27.5 lb ...\$2,500

DTC-60ES DAT Deck

90-MHz high-density linear D/A converter, pulse-type A/D converter. Features Super Bit Mapping noise shaping for 20-bit resolution; 2 transport motors and 1 tape-loading motor. Analog inputs and outputs; fiber-optic digital inputs and outputs; coaxial digital input; headphone jack with volume control. Standard and long-play modes; SCMS copy-management system; auto/manual ID subcoding; auto track renumber; 2.5/8.5x audible cueing; 200/400x speed search; remote direct track access; track programming; intro scan; skip play; end search; synchro record with compatible CD players; track/tape repeat; timer record/play with external timer; record mute; absolute or remaining-time display; digital peak-margin indicator; remote control. Sampling rates 32, 44.1, and 48 kHz; FR 2-22,000 Hz ± 0.5 dB; S/N and dynamic range 92 dB; THD 0.0045% at 1,000 Hz. 3-yr limited warranty. 17 x 4 1/4 x 13 1/4 in; 13 lb ...\$1,200

TC-KA3ES 3-Head Cassette Deck

Dolby S, B, C, HX Pro. Features closed-loop dual-capstan direct drive; quartz-locked speed servo; transport angled to distribute gravitational forces; sapphire main bearings; laser-amorphous record and play heads; 3-motor transport; record level, EO, and bias adjustment for each tape with built-in oscillator; drive between power supply and audio circuits; antiresonant aluminum front panel; ceramic cassette holder; Sorbothane cassette stabilizer. Gold-plated inputs and outputs; headphone jack with volume control. Powered cassette loading; direct track access; 9-track program search; record level and balance controls; auto play after fast-forward/rewind; record mute; linear counter with memory; 24-segment FL peak meters; remote control through compatible Sony receivers, integrated amps, or preamps. FR 20-20,000 ± 3 dB high bias; S/N (high bias) 59 dB no NR; W&F 0.022% wrms. 3-yr limited warranty. 17 x 5 1/4 x 14 1/4 in; 16.7 lb ...\$850

TC-WA9ES Double Cassette Deck

Dolby S, B, C, and HX Pro, both transports. Features 3 motors for each transport; Sorbothane cassette stabilizers; auto record calibration for both transports; Permalloy heads; ceramic cassette holder; antiresonant aluminum front panel; switchable MPX filter. Headphone jack with volume control. Autoreverse record/play for both transports; powered cassette loading; 2-tape simultaneous or sequential record; pitch control; blank skip; track programming; 9-track program search; normal/high-speed dubbing; 2-tape relay play; record level and balance controls; auto play after fast-forward/rewind; record mute; auto pause; timer record/play; 2 electronic counters with memory; 16-segment FL peak meters; remote control through compatible Sony receivers. FR 25-18,000 ± 3 dB high bias; S/N (high bias) 58 dB no NR; W&F 0.06% wrms. 3-yr limited warranty. 17 x 5 1/4 x 13 1/4 in; 14.3 lb ...\$850

TC-WA8ES Double Cassette Deck

Dolby S, B, C; Dolby HX Pro, both transports. Features 2 motors for each transport; auto record calibration for both transports; Permalloy heads; ceramic cassette holder; switchable MPX filter. Headphone jack. Autoreverse record/play for both transports; 2-tape simultaneous or sequential record; track programming; 9-track program search; normal/high-speed dubbing; 2-tape relay play; record level and balance controls; auto play after fast-forward/rewind; record mute; 2 electronic counters with memory; 14-segment FL peak meters; remote control through compatible Sony receivers, integrated amps, or preamps. FR 30-17,000 ± 3 dB high bias; S/N (high bias) 57 dB no NR; W&F 0.07% wrms. 3-yr limited warranty. 17 x 5 x 11 1/2 in; 10.1 lb ...\$500

TC-RX606ES Cassette Deck

Dolby S, B, C, HX Pro. Features auto record calibration; laser-amorphous head; 3 transport motors; drive between power supply and audio circuits; antiresonant aluminum front panel; ceramic cassette holder;

switchable MPX filter. L/R mic inputs; gold-plated inputs and outputs; headphone jack with volume. Autoreverse; powered cassette loading; 9-track program search; record balance and level controls; auto play after fast-forward/rewind; record mute; timer record/play with external timer; linear counter with memory; 16-segment FL peak meters; remote control through compatible Sony receivers, integrated amps, or preamps. FR 25-19,000 ± 3 dB metal; S/N (metal) 74 dB at 500 Hz Dolby C, 59 dB no NR; W&F 0.06% wrms. 3-yr limited warranty. 17 x 4 1/4 x 12 1/2 in; 10.6 lb ...\$450

TC-KA1ES 3-Head Cassette Deck

Dolby S, B, C, HX Pro. Features 2-motor transport; auto record calibration; drive between power supply and audio circuits; antiresonant aluminum front panel; ceramic cassette holder; Sorbothane cassette stabilizer; switchable MPX filter. Gold-plated inputs and outputs; headphone jack. Powered cassette loading; 9-track program search; record level and balance controls; auto play after fast-forward/rewind; record mute; linear counter with memory; 16-segment FL peak meters; remote control through compatible Sony receivers, integrated amps, or preamps. FR 30-18,000 ± 3 dB high bias; S/N (high bias) 59 dB no NR; W&F 0.055% wrms. 3-yr limited warranty. 17 x 5 x 12 1/4 in; 9.3 lb ...\$330

TC-WA7ES Double Cassette Deck

Dolby S, B, C, HX Pro. Features 2 motors for each transport; auto record calibration; Permalloy heads; ceramic cassette holder; switchable MPX filter. Headphone jack. Autoreverse for both transports; track programming; 9-track program search; normal/high-speed dubbing; 2-tape relay play; record level and balance controls; auto play after fast-forward/rewind; record mute; 2 electronic counters with memory; 14-segment FL peak meters; remote control through compatible Sony receivers, integrated amps, or preamps. FR 30-17,000 ± 3 dB high bias; S/N (high bias) 57 dB no NR; W&F 0.07% wrms. 3-yr limited warranty. 17 x 5 x 11 1/2 in; 9.9 lb ...\$300

TEAC

V-8030S 3-Head Cassette Deck

Dolby S, B, C, HX Pro. Features quartz-locked direct-drive dual-capstan drive; cobalt amorphous head, center-mount transport; cassette holder; antivibration chassis; individual motors for capstans, reel drive, ancillary control, and door. Gold-plated line-level connectors and CD-direct jacks; headphone jack with volume control. Program search; synchro record with compatible CD players; record mute with auto space; master and balance record-level controls; auto tape-bias selector; remote control. FR 15-20,000 Hz ± 3 dB; S/N 84 dB Dolby S, 70 dB Dolby B, 80 dB Dolby C; W&F 0.022%, 17% x 6 x 14 1/4 in ...\$1,149

V-6030S. As above, drive not quartz-locked direct-drive. No record mute with auto space or auto tape-bias selector. W&F 0.027% ...\$949

V-2020S 3-Head Cassette Deck

Dolby S, B, C, HX Pro. Features hard-Permalloy record and play heads with PC-OCC wiring; center-mount transport; 2 DC motors; cassette stabilizer; die-cast zinc-alloy head block assembly; switchable MPX filter; aluminum front panel. Headphone jack with volume control. Bias and level calibration with built-in oscillator; L/R record-level controls; record mute with auto space; auto monitor; 16-segment level meters; electronic index counter; remote control. FR 15-20,000 Hz ± 3 dB high bias; S/N 84 dB Dolby S, 70 dB Dolby B, 80 dB Dolby C; W&F 0.045% wrms. 17% x 5 1/4 x 11 1/2 in ...\$650

V-1010 3-Head Cassette Deck

Dolby B, C, HX Pro. Features center-mount transport; hard-Permalloy record/play head with PC-OCC wiring; DC servomotor for capstan drive; DC motor for reel drive; cassette stabilizer; die-cast zinc-alloy head-block assembly; switchable MPX filter. Headphone jack with volume control. Fine bias control; record mute with auto space; auto monitor; master and L/R-balance record-level controls; electronic index counter; 16-segment L/R peak-level meters. Includes

interconnect cable. Remote control opt. FR 15-20,000 Hz ± 3 dB high bias; S/N 70 dB Dolby B, 80 dB Dolby C; W&F 0.045% wrms. 17% x 5 1/4 x 11 1/2 in ...\$400

R-550 Cassette Deck

Dolby B, C, HX Pro. Features hard-Permalloy record/play head; bipolar power supply; center-mount transport. Headphone jack. Autoreverse; IC-logic controls; intro scan; blank search; record mute with auto space; program search; synchro record with compatible CD players; auto tape-bias selector; 9-segment level meters with peak hold; 4-digit electronic counter; FL display; Teac UR-system remote-control compatibility. FR 25-18,000 Hz high bias; S/N 69 dB Dolby B, 79 dB Dolby C; W&F 0.06% wrms. 17% x 5 1/4 x 11 1/2 in ...\$289

V-600 Cassette Deck

Dolby B, C, HX Pro. Features hard-Permalloy record/play head; center-mount transport; bipolar power supply; DC servomotor. Headphone jack. Record mute with auto space; program search; intro scan; auto tape-bias selector; 9-segment level meters with peak hold; 4-digit electronic index counter; FL display; Teac UR-system remote-control compatibility. FR 25-18,000 Hz high bias; S/N 69 dB Dolby B, 79 dB Dolby C; W&F 0.06% wrms. 17% x 5 1/4 x 11 1/2 in ...\$239

V-375 Cassette Deck

Dolby B, C, HX Pro. Features hard-Permalloy record/play head; bipolar power supply. LED peak-level meter. FR 30-15,000 Hz; S/N 65 dB Dolby B, 55 dB no NR; W&F 0.09% wrms. 17% x 5 1/4 x 8 1/2 in ...\$119

Double Cassette Decks

W-6000R Double Cassette Deck

Dolby B, C, HX Pro. Features cassette stabilizer; motor-driven volume control. L/R mic inputs; headphone jack. Rotating-head autoreverse record/play for both transports; +6% pitch control for one transport; 2-tape simultaneous play; 2-tape sequential record/play; mic/line mixing; auto fade-in/out; record mute with auto space; synchro record with compatible CD players for one transport; program search; normal/high-speed dubbing; auto record-level control; FL display; remote control. FR 25-18,000 Hz high bias; S/N 69 dB Dolby B, 79 dB Dolby C; W&F 0.06% wrms. 17% x 5 1/4 x 12 1/2 in ...\$750

W-800R Double Cassette Deck

Dolby B, C, HX Pro. Features hard-Permalloy record/play heads; bipolar power supply. L/R mic inputs; headphone jack. Rotating-head autoreverse record/play for both transports; 2-tape sequential play; program search; intro scan; blank search; record mute with auto space; L/R level meters with peak hold; two 4-digit electronic counters; FL display; Teac UR-system remote-control compatibility. FR 25-18,000 Hz high bias; S/N 69 dB Dolby B, 79 dB Dolby C; W&F 0.06% wrms. 17% x 5 1/4 x 11 1/2 in ...\$369

W-750R Double Cassette Deck

Dolby B, C, HX Pro. Features bipolar power supply; hard-Permalloy record/play heads. Headphone jack. Record/play for one transport only; rotating-head autoreverse and IC-logic controls for both transports; 2-tape sequential play; master record-level control; L/R record-balance control; synchro record with compatible CD players; record mute with auto space; normal/high-speed dubbing; auto tape-bias selection; level meters with peak hold; electronic index counter for both transports; FL display; Teac UR-system remote-control compatibility. FR 25-18,000 Hz high bias; S/N 69 dB Dolby B, 79 dB Dolby C; W&F 0.06% wrms. 17% x 5 1/4 x 11 1/2 in ...\$279

W-515R Double Cassette Deck

Dolby B. Record/play for one transport only; autoreverse for one transport; 2-tape sequential play; auto tape-bias selector for one transport, tape-bias switch for other; index counter for one transport, LED peak meter. FR 30-15,000 Hz high bias; S/N 55 dB no NR, 65 dB Dolby B; W&F 0.09%. 17% x 5 1/4 x 8 1/2 in ...\$179

W-415 Double Cassette Deck

Dolby B. Features hard-Permalloy heads. 2-tape se-

T A P E D E C K S

quential play; normal/high-speed dubbing; auto tape-bias selector for one transport, tape-bias switch for other; index counter for one transport; LED level meter. FR 30-15,000 Hz high bias; S/N 55 dB no NR, 65 dB Dolby B; w&F 0.09% wrms. 17 1/2 x 5 1/2 x 8 1/2 in. . . \$149

TECHNICS

RS-DC10 Digital Compact Cassette Deck

1-bit D/A converter, 1-bit A/D converter. Analog and digital inputs and outputs; gold-plated connectors. Analog-cassette playback compatibility; autoreverse; text display; remote control . . . \$1,100

RS-TR979 Double Cassette Deck

Dolby B, C, HX Pro. Features antivibration base. Record/play for both transports; full-logic controls; autoreverse for both transports; 2-tape sequential play; two linear counters; synchro record with compatible CD players; bias control; FL level meter; remote control through select Technics receivers . . . \$420

RS-TR575 Double Cassette Deck

Dolby B, C, HX Pro. Record/play and autoreverse for both transports; 2-tape sequential record/play, auto tape calibration; bias control; high-speed dubbing; two linear counters; FL peak-hold meters; remote control through select Technics receivers . . . \$270

RS-TR474 Double Cassette Deck

Dolby B, C, HX Pro. Autoreverse for both transports; 2-tape sequential play; auto tape calibration; high-speed dubbing; 2x fast-forward and rewind speeds; two linear counters; FL peak-hold meters; remote control through select Technics receivers . . . \$250

RS-TR373 Double Cassette Deck

Dolby B, C, HX Pro. Autoreverse for both transports; 2x fast-forward/rewind speeds; high-speed dubbing; 2 FL electronic counters; remote control through select Technics receivers . . . \$220

YAMAHA

The following are compatible with Yamaha's system remote control.

KX-W952 Double Cassette Deck

Dolby B, C, HX Pro for both transports. Features 12-layer amorphous record/play heads; Sorbothane-stabilized cassette doors. Headphone jack with volume control. 2-tape sequential play/record; 2-tape simultaneous record of independent sources; autoreverse record/play for both transports; auto tape-bias selector; play-trim control; high-speed dubbing; cross-Dolby, random-program, and skip dubbing; 15-selection random program play for each transport; intro scan; auto record mute; blank skip; separate controls, meters, and displays for each transport; level meters with peak-hold. 17 1/2 x 5 1/2 x 14 1/4 in.; 17.6 lb . . . \$729

KX-580 Cassette Deck

Dolby S, B, C, HX Pro. Features 2 motors; Sorbothane cassette stabilizer; hard-Permalloy heads; separate mechanical and signal power supplies. Microprocessor-controlled full logic; auto bias, sens, and EQ optimization; switchable MPX filter; program search; intro scan; repeat; bias control; synchro record with compatible CD players; play trim; timer record/play; 15-segment FL level meter with peak hold; 4-digit FL tape counter. Headphone jack with volume control. Remote control optional. FR 20-20,000 Hz ± 3 dB metal; w&F 0.05%. 17 1/2 x 5 x 10 1/2 in. . . \$399

KX-W582 Double Cassette Deck

Dolby B, C, HX Pro. Features Sorbothane cassette stabilizers. Autoreverse; Hall, Disco, Church, and Jazz Club recordable 2-channel surround modes; microprocessor-controlled full logic; 2-tape simultaneous record and sequential record/play; program search; play trim; synchro record with compatible CD players; normal/high-speed dubbing; auto tape-bias selector; record level and balance controls; 12-segment level meters with peak hold; two 4-digit FL tape counters. Remote control optional. FR 20-20,000 Hz ± 3 dB metal. 17 1/2 x 5 x 11 in. . . \$399

KX-W382 Double Cassette Deck

Dolby B, C, HX Pro. Headphone jack. Autoreverse; microprocessor-controlled full logic; play trim for both transports; 2-tape sequential play; repeat; program search; normal/high-speed dubbing; auto tape-bias selector; record level and balance controls; auto record mute; synchro record with compatible CD players; 10-segment level meter with peak hold; 4-digit FL tape counter. Remote control optional. FR 20-20,000 Hz ± 3 dB metal. 17 1/2 x 5 x 11 in. . . \$299

KX-W282 Double Cassette Deck

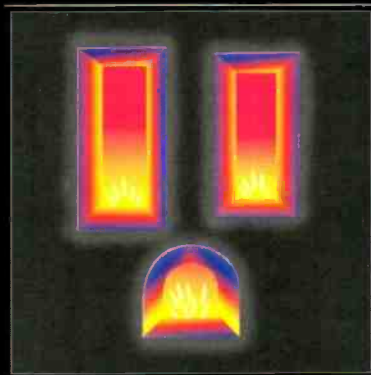
Dolby B, C. Headphone jack. One record/play transport, other play-only; microprocessor-controlled full

logic; autoreverse; repeat; program search; normal/high-speed dubbing; synchro record with compatible CD players; auto record mute; auto tape-bias selector; record-level controls; 6-segment peak-level meter. Remote control optional. 17 1/2 x 5 x 11 in. . . \$249

KX-380 Cassette Deck

Dolby B, C, HX Pro. Hard-Permalloy heads; switchable MPX filter. Headphone jack with volume control. Microprocessor-controlled full logic; auto bias, sens, and EQ optimization; intro scan; program search; bias control; play trim; synchro record with compatible CD players; 15-segment peak-level meter. Remote control optional. FR 20-19,000 Hz ± 3 dB . . . \$249

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ACCUPHASE

T-109 FM Tuner

32 FM presets. Features quartz-lock frequency-synthesis design; 8-bit microprocessor; double-tuned front end. Balanced-XLR outputs; fixed- and variable-level unbalanced outputs. Nonvolatile memory; switchable MPX filter; switchable selectivity; mono/stereo switch; output-level control; muting switch; signal-strength meter; remote control. FM: 50-dB quieting sens 37 dBf stereo; S/N 85 dBA at 80 dBf; THD 0.04% stereo at 1,000 Hz, normal sel; ch sep 50 dB at 1,000 Hz stereo. 18½ x 5½ x 16 in; 20.9 lb \$2,995

ADCOM

GFT-555II AM/FM Tuner

8 AM/8 FM presets. Features quartz-referenced digital-synthesis design; buffered output stages using Class A amplification; 1% Roederstein metal-film resistors; metal-film capacitors. Auto scan; switchable high-blend circuit; mono/mute switch; FL display. FM: 50-dB quieting sens 36 dBf; cap ratio 1.5 dB; alt-ch sel 75 dB; THD 0.075% at 1,000 Hz stereo \$400

ARAGON

Model 4T2 AM/FM Tuner

16 AM/FM presets. Features patented circuitry to prevent unwanted signals from entering tuner by way of antenna ground; isolated subchassis enclosing circuit board; isolated subchassis for transformer; solid-aluminum front panel. Seek/scan tuning. FM: 50-dB quieting sens 37.6 dBf; AM rej 80 dB; cap ratio 1 dB; alt-ch sel 66 dB; S/N 2075 dB. 19 x 3½ x 15¼ in; 22 lb \$695

AUDIO DESIGN ASSOCIATES

MT-3000 Multi-Tuner

Designed for multiroom applications; may be used with System Delta, System 3000, System 8000, System Titanus or System Omega (see Multiroom Components). 3 independent tuner modules with 20 presets per module; choice of AM-stereo, FM-stereo, short-wave, or cable-TV modules in any combination. Features digital-synthesis tuning; auto analog phase-frequency detector; stereo dynamic noise blend. 1 remote-control input for each module; 1 remote-control input to access all 3 modules and 60 presets; 1 line-level output for each module; 1 line-level output for all 3 modules. 4-character alphanumeric labeling for each preset; mute. Remote control optional. FM: 50-dB quieting sens 34 dBf; AM rej 54 dB; cap ratio 1.4 dB; alt-ch sel 80 dB; S/N 69 dB stereo; THD 0.09% stereo and ch sep 50 dB at 1,000 Hz. 19 x 3½ x 11 in; 8 lb \$3,999

AUDIOLAB

Model 8000T AM/FM Tuner

39 AM/FM presets. Features single-bit FM demodu-

**All of the information
in these listings is provided
by the manufacturers
(see directory at the back of
the Buyer's Guide).
Prices given are suggested
retail prices. Actual
dealer selling prices may
vary and can change
without notice.**



Rotel RT-940AX AM/FM tuner

lator; discrete front end; double-conversion FM IF; 9th-order elliptic LC birdie filter; rotary optical digital encoder; microprocessor control. Tuning in 25,000-Hz steps; AM and FM wide/narrow bandwidth selection; signal-strength meter; independent mono and mute switches; auto 20/60-dB audio muting; preset scan; LCD \$1,150

AUDIOSOURCE

TNR One AM/FM Tuner

20 AM/FM presets. Features quartz-PLL design. Auto scan; manual tuning; digital display with signal-strength indication. FM: cap ratio 1 dB; alt-ch sel 65 dB; S/N 70 dB stereo; THD 0.4% stereo. 16½ x 2½ x 11½ in \$230

CARVER

TX-8R AM/FM Tuner

20 AM/FM presets. Preset scan; auto/manual scan tuning; FM mono/stereo switch; analog signal-strength meter; removable rack handles; remote control. FM: 50-dB quieting sens 40.7 dBf stereo; AM rej 60 dB; cap ratio 1.5 dB; alt-ch sel 63 dB; S/N 70 dB stereo; THD 0.3% stereo at 1,000 Hz. 17 x 2 x 12½ in; 7 lb \$449

DAY SEQUERRA

FM Reference Analyzer FM Tuner

3 selectable IF bandwidths; panoramic display; rack-mount front plate. FM: 50-dB quieting sens 34 dBf stereo; AM rej 80 dB; cap ratio 0.75 dB; adj-ch sel 40 dB narrow IF; alt-ch sel 100 dB; S/N 65 dB stereo at 65 dBf; THD 0.15% at 1,000 Hz stereo; ch sep 50 dB at 1,000 Hz. 17½ x 14¼ x 5¼ in; 45 lb \$13,800
FM Reference. Above without panoramic display. Digital display \$5,300

DENON

TU-680NAB AM/FM Tuner

30 AM/FM presets. Designed for the National Association of Broadcasters as a broadcast-quality reference-monitor tuner. Features AMAX-certified mono/stereo AM reception; AMAX AM de-emphasis circuit; AM noise-blanking circuit; quartz frequency-synthesis tuning; MOSFET RF stages. Switchable FM IF bandwidth with memory; switchable AM audio bandwidth; IS-system remote-control compatibility \$600

TU-380RD AM/FM Tuner

40 AM/FM presets. Features quartz-lock synthesis design. RDS reception; scrolling Smart Radio display; system remote-control compatibility \$300

TU-280 AM/FM Tuner

30 AM/FM presets. Features quartz-lock synthesis design; MOSFET RF stages. IS-system remote-control compatibility \$250

FANFARE

FT-1 FM Tuner

8 FM presets. Features digital/analog design; all-steel chassis for RF shielding; noise-reduction circuitry to minimize ambient noise levels; modular circuit construction. Low- and high-impedance unbalanced outputs; balanced outputs; composite output to monitor composite signal. Auto seek tuning; local/OX switch; FL display; remote control. FM: 50-dB quieting sens 15 dBf mono, 35 dBf stereo; cap ratio 1.5

dB; alt-ch sel 55 dB wide, 75 dB narrow; adj-ch sel 10 dB wide, 25 dB stereo; S/N 75 dB; THD 0.15% mono, 0.3% stereo. 19 x 3¾ x 9¼ in; 16 lb \$1,195

HARMAN KARDON

TU9600 AM/FM Tuner

24 AM/FM presets. Features active tracking circuitry with digital fine tuning. 2 remote-controlled coaxial antenna inputs; system remote-control jack. Seek tuning; manual tuning; signal-strength meter; remote control \$449

TU930 AM/FM Tuner

30 AM/FM presets. System remote-control jack. Seek tuning; manual tuning; direct station access \$199

JVC

FX1100BK AM/FM Tuner

40 AM/FM presets. Features digital quartz PLL design; computer-controlled reception-servo system; digital noise-reduction system. 2 antenna inputs. 6-character alphanumeric station labeling; variable stop level; record-calibration signal generator; direct access; switchable wide/narrow IF bandwidth; preset scan; auto memory; program memory; dB-referenced signal-strength meter in 1-dB steps. 2-yr carry-in parts-and-service warranty \$470

LINN

Kremlin FM Tuner

80 FM presets. Software upgradable. Features screened circuitry; two parallel high-level mixers; 13-stage IF filter; PLL demodulator; oscillator with shorted-transmission-line coaxial resonator. 2 F-connector RF inputs; 2 line-level output pairs; remote-control jack for switching of other Linn products or multiroom use. Adjustable mute/scan threshold with memory; auto/manual scan; signal-strength meter \$3,995

Kudos AM/FM/Longwave Tuner

20 station presets. Features digital-synthesis design; screened circuitry. 2 line-level output pairs; remote-control jack for switching of other Linn products or multiroom use. Auto/manual scan; adjustable mute/scan threshold \$1,195
Kudos Sneaky Module. Above designed as module for use in Majik-I integrated amplifier or Wakonda preamplifier \$695

LUXMAN

T-353L AM/FM Tuner

30 AM/FM presets. Features digital-synthesis PLL design; optimum-frequency location via computer analysis; line-phase sensor; Star circuitry. System bus connection. Selectable strongest-station preset storage; muting-level switch; auto seek and scan; mono/stereo switch; turn-on and sleep timers; FL display. FM: AM rej 62 dB; cap ratio 1.5 dB; S/N 73 dB at 65 dBf stereo; ch sep 50 dB at 1,000 Hz. AM: S/N 54 dB. Black or champagne \$449

MARANTZ

ST-50 AM/FM Tuner

30 AM/FM presets. Features digital-synthesis design. Switchable wide/narrow IF bandwidth; preset memory for bandwidth setting; direct station access; scan tuning; switchable muting; battery-free memory backup; auto/manual tuning; signal-strength indica-

tor; FL display. FM: 50-dB quieting sens 37 dBf stereo; cap ratio 1 dB; alt-ch sel 75 dB; S/N 82 dB stereo; THD 0.08% stereo; ch sep 55 dB. AM: S/N 54 dB; THD 0.3%. 17 $\frac{1}{2}$ x 4 x 14 in\$349

ST-55 AM/FM Tuner

59 AM/FM presets. Features 4-gang FM front end; dual-gate MOSFET IF section. 75-ohm FM-antenna input. RC-5 system remote-control jacks. Direct station access; preset scan; memory backup; mono/stereo and mute switches; last-station memory; FL display. FM: 50-dB quieting sens 37 dBf stereo; cap ratio 1 dB; alt-ch sel 75 dB; S/N 73 dB stereo; ch sep 45 dB. AM: S/N 52 dB; THD 0.5%. 16 $\frac{1}{2}$ x 4 x 12 in\$300

McINTOSH

MR7084 AM/FM Tuner

50 AM/FM presets. Features Spatial circuit to modify frequency and phase response. Preset scan; all-preset-clear button; remote control through current McIntosh remote-controlled products\$1,500

MERIDIAN

Model 504 FM Tuner

30 FM presets. 75-ohm FM-antenna input; unbalanced output. Custom labeling for each preset; mono/stereo switch; signal-strength and tuning-accuracy displays; 8-character alphanumeric display. FM: S/N 70 dB. 12 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 13 in\$995

MICROMEGA

Tuner FM Tuner

Features digital-domain filtering of 19- and 38-kHz stereo carrier frequencies. Analog and digital outputs. Mono mode; manual tuning; direct station access; auto scan; display-brightness control; auto display disable; signal-strength display; remote control\$1,095

MUSEATEX

FM1 FM Tuner

Antenna and cable inputs. 100-station auto memory; remote control\$1,199

NAD

Model 402 AM/FM Tuner

24 AM/FM presets. Features IF filters; switchable blending circuit. NAD-Link facility for remote control through other NAD products; high-speed search tuning. FM: cap ratio 1.6 dB; alt-ch sel 58 dB; S/N 74 dB. 16 $\frac{1}{2}$ x 3 x 11 $\frac{1}{2}$ in; 8.8 lb\$249



Marantz ST-55 AM/FM tuner

NAIM

NAT-01 FM Tuner

Features progressive switching from mono to stereo; separate power supply. Auto bandwidth selection; digital frequency display that increases in brightness to indicate signal strength. 11 $\frac{1}{2}$ x 3 x 8 in\$3,100

NAT-02. As above, integrated power supply\$1,950

NAT-03 FM Tuner

Features toroidal transformer\$1,050

ONKYO

Integra T-9090II AM/FM Tuner

20 AM/FM presets. Features auto/manual reception-optimization system to select A/B antenna, local/DX, wide/narrow/super-narrow IF bandwidth, high-blend, and mono/stereo. Two antenna inputs. Preset scan; strongest-station memory; timer; FM line tuning; ad-



Yamaha TX-480 AM/FM tuner

justable output level; digital display and signal-strength meter; remote control. FM: cap ratio 1 dB; alt-ch sel 95 dB narrow; S/N 95 dB mono; THD 0.009%; ch sep 55 dB wide. Wood side panels. 18 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 15 $\frac{1}{2}$ in; 18.7 lb\$789

T-450RDS AM/FM Tuner

30 AM/FM presets. Features RDS reception; auto reception-optimization system. RDS program search and alphanumeric text display; battery-free memory backup; 6 preset groups; direct station access; auto scan tuning\$355

T-4210 AM/FM Tuner

40 AM/FM presets. Features auto reception-optimization system; MOSFET front end. Battery-free memory backup; 6 preset groups; direct station access; auto scan tuning; Onkyo RI-system control compatibility. FM: cap ratio 1.5 dB; alt-ch sel 50 dB; S/N 73 dB mono; THD 0.1%; ch sep 40 dB. 18 x 3 x 12 $\frac{1}{2}$ in; 7.5 lb\$200

OPTIMUS BY RADIO SHACK

TM-155 AM/FM Tuner

Features PLL circuitry; built-in antennas. FM-antenna input. FM-mono button\$60

PARASOUND

T/DQ-1600 AM/FM Tuner

20 AM/FM presets. Features digital quartz-locked design. External-remote-control connector; gold-plated RCA jacks. Remote control. FM: 50-dB quieting sens 37.2 dBf; ch sep 50 dB\$385

PIONEER

F-93 AM/FM Tuner

Super-narrow FM IF-bandwidth setting. FM: 50-dB quieting sens 36.2 dBf stereo; AM rej 80 dB; cap ratio 1 dB; alt-ch sel 85 dB supernarrow; S/N 88 dB stereo at 80 dBf; ch sep 60 dB at 1,000 Hz. AM: S/N 50 dB. 18 x 4 $\frac{1}{2}$ x 13 $\frac{1}{2}$ in\$900

F-449 AM/FM Tuner

36 AM/FM presets. Selectable FM IF bandwidth; RF attenuator; 3-speed search; SR-system remote-control compatibility. 16 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 12 $\frac{1}{2}$ in\$285

ROTEL

RT-990BX FM Tuner

16 FM presets. Features discrete component front end with copper shield; RF attenuator. Selectable wide/narrow IF bandwidth; remote control. FM: 50-dB quieting sens 37.2 dBf stereo; cap ratio 1 dB; alt-ch sel 80 dB narrow; S/N 82 dB stereo; THD 0.12% stereo. 17 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x 12 in\$800

RT-940AX AM/FM Tuner

20 AM/FM presets. Mute/mono switch; bar-graph signal-strength display; remote control. FM: 50-dB quieting sens 34.5 dBf; cap ratio 1.5 dB; alt-ch sel 63 dB; S/N 70 dB; THD 0.3%. 17 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x 11 $\frac{1}{2}$ in\$350

SONY

ST-SA5ES AM/FM Tuner

40 AM/FM presets. Features frequency-synthesis design; optically sensed rotary tuning; antenna attenuator to prevent distortion from front-end overload. 2 antenna inputs; coaxial FM input. High-blend switch;

preset scan; auto scan tuning; alphanumeric naming for each preset; A/B antenna selection; FM interstation muting; 10-segment signal-strength meter; remote-control capability through select Sony components. FM: S/N 100 dB mono, 92 dB stereo; ch sep 70 dB at 1,000 Hz. 17 x 4 x 14 $\frac{1}{2}$ in; 13.3 lb\$700

ST-S550ES AM/FM Tuner

30 AM/FM presets. Frequency-synthesis design; antenna attenuator to prevent distortion from front-end overload; radial power supply; direct-comparison system; optically sensed rotary tuning. Coaxial FM input; Control S input and output for Sony multiroom systems. Preset memory for mono/stereo/blend, IF-bandwidth, and antenna-attenuator settings; stereo/mono/high-blend switch; FM interstation muting; wide/narrow IF-bandwidth switch; alphanumeric preset naming; 10-segment signal-strength meter; remote-control capability via select Sony components. FM: S/N 82 dB mono, 78 dB stereo; ch sep 65 dB wide IF at 1,000 Hz. 17 x 3 $\frac{1}{2}$ x 14 $\frac{1}{2}$ in; 8.9 lb\$350

ST-S211 AM/FM Tuner

40 AM/FM presets. Frequency-synthesis design; optically sensed rotary tuning. Coaxial FM input; Control S input for Sony multiroom systems. FM interstation muting; alphanumeric preset naming; 10-segment signal-strength meter; remote-control capability via select Sony components. FM: S/N 75 dB stereo, 80 dB mono; ch sep 40 dB at 1,000 Hz. 17 x 3 $\frac{1}{2}$ x 11 $\frac{1}{2}$ in; 6.5 lb\$250

TEAC

T-X403# AM/FM Tuner

20 AM/FM presets. Features quartz-PLL tuning; switchable MPX filter. Auto/manual seek; auto mono/stereo switching; FL display. FM: 50-dB quieting sens 42 dBf stereo; AM rej 65 dB; cap ratio 1.7 dB; alt-ch sel 78 dB; S/N 72 dB stereo; ch sep 40 dB at 1,000 Hz. AM: S/N 50 dB. 17 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 10 $\frac{1}{2}$ in\$220

YAMAHA

TX-950 AM/FM Tuner

40 AM/FM presets, naming for 24. Auto selection of PLL-synthesis or FM-voltage-servo tuning; mono switch. System remote control optional\$429

TX-480 AM/FM Tuner

40 AM/FM presets. Features direct-PLL LSI circuitry combined with microprocessor-controlled IF-count-synthesizer tuning; proprietary Alpha circuitry for improved selectivity, interference rejection, phase linearity, and channel separation. Rotary-encoder tuning with lock; strongest-station preset store; preset grouping; auto/manual mono/stereo selector; 20-segment signal-strength meter; Yamaha system remote-control compatibility. Remote control optional. 17 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 11 $\frac{1}{2}$ in\$199

Dumbfounded by the different Dolbys? Unsure if you're going D/A or A/D? The Glossary at the back of the Buyer's Guide will help you sort out the hertz (Hz) from the decibels (dB) and tell a MiniDisc (MD) from a megabyte (MB).

T U R N T A B L E S

AIWA

PX-E850 Automatic Turntable

Belt drive with dynamic balanced straight tonearm and moving-magnet cartridge. Features DC servomotor; soft damping control; built-in transformer and phono equalizer. Play speeds 33 $\frac{1}{3}$ and 45 rpm. w&F 0.25%; S/N 45 dB. 14 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 14 $\frac{1}{2}$ in.; 5.5 lb ... \$150

BANG & OLUFSEN

Beogram 7000 Turntable

Belt drive with tangential tonearm. Integrates with Beosystem 7000. Features built-in preamp stage; suspended subchassis. Line-level outputs. Auto record-size detection and speed selection. Play speeds 33 $\frac{1}{3}$ and 45 rpm. w&F 0.05% wrms; rumble 80 dB. 16 $\frac{1}{2}$ x 3 x 12 $\frac{1}{2}$ in.; 11.7 lb ... \$650

BASIS

The following are upgradable. Contact the manufacturer for information.

Debut Gold Vacuum MkII Manual Turntable

Features reflex platter and clamp with vacuum pump for warped records; oversized mil-spec vacuum-pump tubing; non-contact vacuum seals in platter bearing. Vacuum-level control; vacuum gauge. Includes 40-ft pump tubing ... \$10,600

Debut Gold Standard MkIII Manual Turntable

Features 4-point hanging fluid-damped suspension; 2-in-thick acrylic subchassis; matched platter/bearing assembly; 28-lb computer-balanced acrylic/lead platter; damped 8-lb acrylic/lead armboard; oil-well bearing with platter center of gravity below upper bushing; aluminum parts machined from aerospace alloy and anodized to military specifications. 85 lb ... \$8,200

Ovation MkII Manual Turntable

Features 4-point hanging fluid-damped suspension; 2-in-thick acrylic subchassis; matched bearing and platter assembly; lead damping for acrylic platter and armboard; AC motor with double permanently lubricated self-aligning bronze bushings; aluminum parts machined from aerospace alloy and anodized to military specifications. Play speeds 33 $\frac{1}{3}$ and 45 rpm. 75 lb ... \$5,400

DENON

DP-47F Automatic Turntable

Direct drive. Features electronic tonearm control without mechanical contacts; quartz-locked motor. Auto record size and speed detection ... \$550

DP-23F. As above, without auto record size and speed detection ... \$375

DP-7F Automatic Turntable

Direct drive with P-mount cartridge. Features electronic tonearm control without mechanical contacts; quartz-locked motor ... \$280

DP-25F Automatic Turntable

Belt drive with P-mount MM cartridge. Line- or phono-level output. Switchable RIAA EQ/amp to provide line- or phono-level output; record-size sensor ... \$150

DUAL

CS455G Automatic Turntable

Belt drive with magnetic cartridge. Features pick-up arm bearing mounted in gimbals; viscosity-damped pickup arm lift; vibration-damped aluminum section platter; DC motor with electronic speed control; floating subchassis. Play speeds 33 $\frac{1}{3}$ and 45 rpm. w&F 0.07; S/N 72 dB ... \$520

CS450G. As above, semiautomatic ... \$520

CS435s Automatic Turntable

Belt drive with magnetic cartridge. Features precision-ground flat belt; DC motor with electronic speed control; counter-balanced pickup arm; aluminum section platter. Floating chassis. Play speeds 33 $\frac{1}{3}$ and 45 rpm. w&F 0.08; S/N 68 dB ... \$415



Sota Moonbeam

CS415-1s Automatic Turntable

Belt drive with magnetic cartridge. Features precision-ground flat belt; DC motor with electronic speed control; counter-balanced tubular pickup arm; floating feet. w&F 0.1; S/N 65 dB ... \$335

ESOTERIC SOUND

Osiris Manual Turntable

Belt drive with straight tonearm. Features integral acrylic mat; polished sapphire thrust bearing resting on chrome steel ball; separate power supply; fixed headshell; 3-point mounting; solid oak base. Variable pitch control; cue lever. Play speeds 33 $\frac{1}{3}$, 45, 71.29, 76.59, 78.26, and 80 rpm. w&F 0.04% wrms; rumble 80 dB. 20 $\frac{1}{4}$ x 16 $\frac{1}{2}$ x 7 $\frac{1}{2}$ in ... \$1,225

BES-2 Manual Turntable

Belt drive with straight tonearm. Features polymer platter; self-lubricating Teflon-impregnated spindle bearing; fixed headshell; 24-pole synchronous AC motor. Cue lever. Play speeds 33 $\frac{1}{3}$ and 78.26 rpm. w&F 0.1%; rumble 65 dB; recommended tracking force 0.75 g. 1-yr warranty. 18 $\frac{1}{4}$ x 14 $\frac{1}{4}$ x 6 $\frac{1}{4}$ in ... \$665

Aten Transcription Manual Turntable

Belt drive with curved tonearm and cartridge. Can play 16-in broadcast transcriptions. xLR lamp outlet. Variable pitch control; NavCom rumble-reducing dampening. Slip mat; spare-headshell holder. Includes hinged dust cover and LP and 78 styli. Play speeds 33 $\frac{1}{3}$, 45, 71.29, 76.59, 78.26, and 80 rpm. w&F 0.025%; recommended tracking force 1.5 g. 1-yr warranty. 17 $\frac{3}{4}$ x 13 $\frac{1}{4}$ x 6 in ... \$530

V-3 II Manual Turntable

Direct drive with curved tonearm. Features instantaneous-brake platter stopping. xLR lamp outlet. Spare-headshell holder; stylus lamp; cue lever. Includes dust cover. Play speeds 33 $\frac{1}{3}$, 45, 71.29, 76.59, 78.26, and 80 rpm. w&F 0.025%; recommended tracking force 1.25 g. 1-yr warranty. 17 $\frac{3}{4}$ x 13 $\frac{1}{4}$ x 6 in ... \$449

Ramses Manual Turntable

Belt drive with curved tonearm and cartridge. xLR lamp outlet. Variable pitch control; stylus lamp; cue lever. Includes LP and 78 styli. Play speeds 33 $\frac{1}{3}$, 45, 71.29, 76.59, 78.26, and 80 rpm. w&F 0.025%; recommended tracking force 1.25 g. 1-yr warranty. 17 $\frac{3}{4}$ x 13 $\frac{1}{4}$ x 6 in ... \$425

Vintage Manual Turntable

Belt drive with straight tonearm. Variable pitch control. Play speeds 33 $\frac{1}{3}$, 45, 71.29, 76.59, 78.26, and 80 rpm. w&F 0.045%. 1-yr warranty. 17 x 13 $\frac{1}{4}$ x 3 $\frac{1}{4}$ in ... \$345

RA-6 Semiautomatic Turntable

Belt drive with curved tonearm and cartridge. Cue lever. Includes LP and 78 styli. Play speeds 33 $\frac{1}{3}$, 45, 71.29, 76.59, 78.26, and 80 rpm. w&F 0.045%; recommended tracking force 2 g. 1-yr warranty. 16 $\frac{1}{2}$ x 13 $\frac{1}{4}$ x 4 $\frac{1}{2}$ in ... \$249

FISHER

MT420 Semiautomatic Turntable

Belt drive with straight tonearm and cartridge. Viscous-damped cueing. Play speeds 33 $\frac{1}{3}$ and 45 rpm ... \$100

J.A. MICHELL

Orbe Manual Turntable

Belt drive. Features Papst motor in 6-lb housing; quartz-control power supply; 60-mm-thick concave acrylic platter with threaded record clamp; machined armboard; two decoupled acrylic bases with three adjustable feet; inverted oil-pump bearing; 3-point dynamic suspension; damped lead-weighted cast-aluminum chassis. Play speeds 33 $\frac{1}{3}$, 45, and 78 rpm. w&F 0.05%; rumble 80 dB. 5-yr warranty. 20 x 6 x 16 in; 50 lb ... \$4,200

Gyrodec MkIII Manual Turntable

Belt drive. Features 2 belts; Papst motor; acrylic concave platter with graphite and vinyl; record clamp; machined armboard; acrylic base with 3 adjustable feet; inverted oil-pump bearing; 3-point suspension; ribbed lead-weighted cast-aluminum chassis; 6 gold-plated brass weights. Play speeds 33 $\frac{1}{3}$ and 45 rpm. w&F 0.05%; rumble 80 dB. 5-yr warranty. Clear or black base. 20 x 6 x 16 in; 42 lb ... \$1,795

LE Version. With gold-anodized motor, armboard, and spring caps. Black chassis; clear base ... \$1,995

Gyro QC. Power supply for the Gyrodec or Orbe. Provides quartz-generated 50-Hz sine wave ... \$750

JVC

ALA151BK/ALA155TN Automatic Turntable

Straight tonearm and plug-in cartridge. Features DC servomotor. Cueing control; dust cover. 1-yr carry-in parts-and-service warranty ... \$120

KAB ELECTRO ACOUSTICS

KAB Broadcast Standard Manual Turntable

Quartz-lock direct drive with curved tonearm. Features servomotor; gimbal bearings; 20-lb cast-aluminum frame; resonance-damped platter; damped cueing. Variable pitch control; removable headshell; adjustable tonearm height. Play speeds 33 $\frac{1}{3}$, 45, and 78 rpm. w&F 0.025% ... \$595

KAB Model Q Automatic Turntable

Quartz-lock direct drive with P-mount tonearm. Fea-

TURNTABLES

tures servomotor; separate tonearm motor with fine-adjustable tracking force; gimbal bearings. All-speed strobe. Play speeds 33 $\frac{1}{3}$, 45, and 78 rpm. w&F 0.025%\$289

KAB KL347 Manual Turntable

Direct drive with curved tonearm. Features 4-point tonearm bearings; damped cueing. Variable pitch control; removable headshell; azimuth adjust. Play speeds 33 $\frac{1}{3}$, 45, and 78 rpm. w&F 0.1%. 17 $\frac{1}{2}$ x 14 $\frac{1}{2}$ x 6 $\frac{1}{2}$ in\$279

KENWOOD

P-100 Semiautomatic Turntable

Belt drive with cartridge. Features switchable RIAA preamp; DC servomotor. Line-level output. Includes 45-rpm adaptor\$109

KD-492FC Automatic Turntable

Belt drive with cartridge. Features DC servomotor. System remote-control compatibility. Includes 45-rpm adaptor\$109

KD-291FC Semiautomatic Turntable

Belt drive with cartridge. Features DC servomotor. Includes 45-rpm adaptor\$69

LINN

Sondek LP12 Manual Turntable

Belt drive with straight tonearm. Features single-point bearing; solid-wood plinth; stainless-steel chassis; suspended subchassis. Available with choice of power supply. Play speeds 33 $\frac{1}{3}$ and 45 rpm. Black-ash finish; custom finish available\$1,595
Walnut finish\$1,595
Afrosia finish\$1,595
Lingo power supply\$1,450
Valhalla power supply\$450
Basik power supply\$95

Basik Manual Turntable

Belt drive with Akito tonearm. Features rubber suspension; machined alloy platter. Play speeds 33 $\frac{1}{3}$ and 45 rpm\$795
Above without tonearm\$395

MERRILL AUDIO

Heirloom III Manual Turntable

Features fluid-damped motor; periphery and center clamp; acrylic lead platter. Black\$2,495

ONKYO

CP-1400A Semiautomatic Turntable

Belt drive with straight tonearm and cartridge. Features die-cast aluminum platter; DC servomotor. Auto cut function\$199

OPTIMUS BY RADIO SHACK

LAB-2250 Automatic Turntable

Belt drive with straight tonearm and cartridge. Micro-processor stylus-angle control; brushless DC servomotor. Repeat. Play speeds 33 $\frac{1}{3}$ and 45 rpm\$150

LAB-1000 Semiautomatic Turntable

Belt drive with straight tonearm and dual-magnet cartridge. Built-in switchable preamp to provide line-level output. Line/phono-level output. Play speeds 33 $\frac{1}{3}$ and 45 rpm\$100

PINK TRIANGLE

Anniversary Manual Turntable

Belt drive. Features 3-point Aerolam subchassis; DC motor with quartz-reference battery power-supply unit; inverted sapphire bearing; dished acrylic platter with record clamp; edge-cut balsam tonearm board. w&F 0.025%; rumble 80 dB. 2-yr warranty. Black or natural ash. 17 $\frac{1}{2}$ x 14 $\frac{1}{2}$ x 6 in\$4,495

PT Export GTI Manual Turntable

Belt drive. Features AC motor; quartz-referenced dif-

ferential amplifier; 3-point Aerolam subchassis; inverted sapphire main bearing; dished acrylic platter with clamp; Medite tonearm board. w&F 0.05%; rumble 80 dB. 2-yr warranty. Black or natural ash. 17 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 6 in\$2,295
PT Export GTI. As above, no record clamp\$1,995

PIONEER

PL-600 Automatic Turntable

Straight tonearm with MM cartridge. Features DC servomotor with stable hanging rotor. Cueing control\$160

PL-203AZ Semiautomatic Turntable

Straight tonearm with cartridge. Features DC servomotor with stable hanging rotor\$100

ROTEL

RP-900 Manual Turntable

Belt drive with die-cast tonearm. Features 24-pole AC synchronous motor; floating suspension; inert glass platter. Play speeds 33 $\frac{1}{3}$, 45, and 78 rpm. w&F 0.08%; rumble 70 dB. 18 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 14 $\frac{1}{2}$ in\$500

RPM

RPM-2 Manual Turntable

Belt drive. Features aluminum-composite construction; decoupled motor; electronic speed switching; acrylic motor base. Play speeds 33 $\frac{1}{3}$ and 45 rpm. 18 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x 15 in; 54 lb\$4,995
As above with aluminum-composite motor base. 65 lb\$5,995

SME

Model 30 Manual Turntable

Belt drive. Equipped for SME Series V tonearm (not included). Features subchassis machined from $\frac{3}{4}$ -in aluminum-alloy plate; subchassis suspension via 96 rubber strands changeable during record play; base with 4 supporting pillars; stainless-steel motor pulley; vertical and lateral suspension movements controlled by fluid damper at each of 4 supporting columns; trimming screw at top of each column; extensional damping material bonded to subchassis and pillars; lock at each subchassis corner; $\frac{1}{4}$ -in high-carbon/chrome spindle running in sintered bronze bearings immersed in sealed oil bath; reflex clamp, circular plinth for SME Series V tonearm; brushless 3-phase motor; double-insulated mains transformer shielded and housed in separate in-line unit. 20-turn potentiometer for speed adjustment allowing 78-rpm-mode speed variable from 69-114 rpm; LED indicators. Play speeds 33 $\frac{1}{3}$, 45, and 78 rpm\$20,000

Model 20 Manual Turntable

Equipped for SME tonearm (not included). Features 4-point suspension; subchassis suspended on 64 strands of rubber; central fluid damper controlling subchassis motion and providing resistive ground path for acoustic signals; 19-mm main spindle machined from high-carbon/chrome steel operating in sealed oil bath; screw-down record clamping; machined platter; brushless 3-phase motor. Trimming screws for suspension adjustment; adjustable ball feet. Includes strobe disc. Play speeds 33 $\frac{1}{3}$, 45, and 78 rpm\$6,500

SONY

PS-LX56 Semiautomatic Turntable

Belt drive with static-balance straight tonearm and MM cartridge. Includes bonded diamond stylus. Play speeds 33 $\frac{1}{3}$ and 45 rpm. 14 x 3 $\frac{1}{2}$ x 13 $\frac{1}{2}$ in; 5.5 lb\$100

PS-LX150. As above, 17 x 3 $\frac{1}{2}$ x 14 $\frac{1}{2}$ in. 6.4 lb\$100

SOTA

Most of the following are upgradable.

Sapphire Manual Turntable

Belt drive. Features adjustable-mass subchassis system to isolate unit from physical and mechanical

disturbances; inverted sapphire bearing system; platter made of alternate layers of hard and soft materials to provide damping; acrylic mat; 4-point spring suspension; triple-regulated synthesized sine-wave AC motor; universal tonearm compatibility; 3 feet. Play speeds 33 $\frac{1}{3}$ and 45 rpm. w&F 0.04% rms; rumble 60 dB at 10 cm/s, 1,000 Hz. Satin black. 20 $\frac{1}{2}$ x 7 $\frac{1}{2}$ x 16 $\frac{1}{2}$ in\$1,495
Choice of gloss black acrylic, light oak, dark oak, or black oak\$1,595
Star. As Sapphire, with vacuum-pump record clamping and antistatic dust-isolation mat. Satin black\$2,295
Choice of gloss black acrylic, light oak, dark oak, or black oak\$2,395
Nova. As Star, with vinyl-forma; vacuum-platter mat, integrated pump/electronic-flywheel power supply, composite multiple-layer armboard, reflex clamp, and Zirconia bearing. Satin black\$2,695
Choice of gloss black acrylic, light oak, dark oak, or black oak\$2,795
Cosmos. As Nova, with one-piece subassembly making platter, motor, and armblock function as single entity, multiple-layer laminate arm-support block, critically damped Fountainhead cabinet, and Fountainhead pump/flywheel/power-supply unit. Black or gray matrix; architectural white Fountainhead\$4,400
High-gloss piano black on Fountainhead\$5,000

Satellite Manual Turntable

Belt drive. Upgradable to Sapphire or Star. Features polymer platter and subplatter; 4-point elastic suspension. Turcite polymer bearing cup; 24-pole AC synchronous motor. Play speeds 33 $\frac{1}{3}$ and 45 rpm. Satin black\$799
Choice of gloss black acrylic, light oak, dark oak, or black oak\$879
Comet. As Satellite, with Sota LMT-111 straight fixed-head tonearm. Without 4-point suspension. Features monolithic internally damped cabinet; energy-absorbing leveling feet with proprietary viscoelastic polymer pad; copper tonearm cables; gold RCA plugs. Includes dust cover. Satin black\$579
Gloss black acrylic\$649
Moonbeam. As Comet, with polymer platter. Sota VLMT fixed-head tonearm. Gray matrix cabinet\$379

SUMIKO

Pro-Ject 6 Manual Turntable

Belt drive with straight tonearm and mounted-and-adjusted Sumiko Oyster cartridge. Features 3-point suspended chassis; glass and metal resonance-free platter; record clamp. Phono outputs. Adjustable resonance frequency of chassis, tonearm height, and vertical tracking angle. Includes bonded diamond stylus. Play speeds 33 $\frac{1}{3}$ and 45 rpm. w&F 0.15%; rumble 70 dB; tracking force 10-30 mN; tonearm length 9 $\frac{1}{2}$ in. 18 $\frac{1}{2}$ x 14 $\frac{1}{2}$ x 6 $\frac{1}{2}$ in\$695

Pro-Ject 1.2 Manual Turntable

Belt drive with straight tonearm and mounted-and-adjusted Sumiko Oyster cartridge. Features 4-point rubber suspension; balanced alloy platter with stainless-steel bearing in bronze housing; hardened-steel tonearm bearing with antiresonant pin points on sapphire plates; synchronous motor. Adjustable azimuth and vertical tracking angle. Play speeds 33 $\frac{1}{3}$ and 45 rpm. w&F 0.15%; rumble 70 dB; tracking force 10-30 mN; tonearm length 9 in. Black. 16 $\frac{1}{2}$ x 12 $\frac{1}{2}$ x 4 $\frac{1}{2}$ in\$395
Pro-Ject 1.2E. As above, semiautomatic\$495

TEAC

P-595 Semiautomatic Turntable

Belt drive with straight tonearm and Audio-Technica plug-in cartridge. DC motor. Play speeds 33 $\frac{1}{3}$ and 45 rpm. w&F 0.1% wrms; rumble 55 dB; effective tonearm length 215 mm. 17 x 3 $\frac{1}{2}$ x 13 $\frac{1}{2}$ in\$129

PA-400 Automatic Turntable

Belt drive with dynamic balanced-type straight tonearm. Built-in phono preamp with EQ-on/off switch; DC servomotor. Auto record-size detection. Includes 45-rpm adaptor and dust cover. Play speeds 33 $\frac{1}{3}$ and 45

T U R N T A B L E S

rpm. w&F 0.12% wrms; rumble 60 dB DIN B; effective tonearm length 8 1/4 in. 14% x 3% x 14% in\$129

TECHNICS

SL-1200 MkII Manual Turntable

Direct drive with curved tonearm. Features quartz-locked drive; gimbal pivoted tonearm; brushless DC motor; antiresonant viscoelastic main base. Adjustable vertical tracking angle; quartz-locked variable $\pm 8\%$ pitch control. Play speeds 33 1/3 and 45 rpm. w&F 0.025% wrms\$550

SL-BD22K Semiautomatic Turntable

Belt drive with straight tonearm. Features servomotor; antiresonant and antivibration construction; gimbal pivot. Illuminated stroboscope; $\pm 6\%$ pitch control\$170

SL-BD20A Semiautomatic Turntable

Belt drive with straight tonearm and cartridge. Features servomotor; antiresonant and antivibration construction; gimbal pivot\$150

SI-BD20 Semiautomatic Turntable

Belt drive with straight tonearm. Features servomotor; antiresonant and antivibration construction; gimbal pivot\$140

THORENS

The following are belt driven and feature a straight tubular tonearm, a gimbal suspension, an antiskating control, and a 9 1/2-in effective tonearm length.

TD-520/SME 312 Semiautomatic Turntable

Factory-installed SME 312 tonearm. Features solid-core chassis; 3-point leaf-spring suspension. Electronic speed selection; $\pm 6\%$ pitch control; stroboscope; velocity-sensing auto shut-off; frictionless magnetic antiskating. Play speeds 33 1/3, 45 and 78 rpm\$4,000

TD-320 MkIII Semiautomatic Turntable

Features 16-pole synchronous motor; solid-core chassis; 3-point leaf-spring suspension. Velocity-

sensing auto shut-off. Play speeds 33 1/3 and 45 rpm. w&F 0.04%. 17% x 6% x 13% in\$870

TD-318 MkIII Semiautomatic Turntable

Features 16-pole synchronous motor; solid-core chassis; 3-point leaf-spring suspension. Velocity-sensing auto shut-off. Play speeds 33 1/3 and 45 rpm. w&F 0.04%. 17 x 6 x 14 in\$700

TD-290 Semiautomatic Turntable

Features dynamically balanced zinc-alloy platter; auto shut-off; detachable headshell. Play speeds 33 1/3 and 45 rpm. 17 x 5 1/4 x 14 in; 14.3 lb\$490

TD-280 MkIV Semiautomatic Turntable

Factory-mounted Stanton 500 cartridge. Features 24-pole synchronous motor; solid-core chassis; spring damping elements in feet; velocity-sensing auto shut-off. Play speeds 33 1/3 and 45 rpm. w&F 0.045%. 17 x 5 3/4 x 14 in\$470

TD-180 MkIII Semiautomatic Turntable

TP-20 tonearm and Stanton 500 cartridge excluding 78-rpm stylus. Features synchronous motor; electronic control; auto-retract/shut-off. Play speeds 33 1/3, 45, and 78 rpm\$430

VERDIER

La Platine Verdier Magnetic Levitation Manual Turntable

String drive without tonearm. Play speeds 33 1/3 and 45 rpm\$7,700
2-arm version\$8,600

VPI

HW-19 Jr. Turntable

Belt drive. Features 1-in-thick MDF subchassis; clear acrylic platter; Sorbothane suspension; Pyrothane precision belt. Includes dust cover. Play speeds 33 1/3 and 45 rpm. Oak, black-oak, or walnut finish. 21 1/4 x 16 1/2 x 7 in\$650
HW-19 MkIII. As above, with stainless steel/acrylic chassis, 4-point spring suspension, lead-filled acrylic platter, and 1/4-in-thick dust cover\$1,250

HW-19 MkIV. As HW-19 MkIII, with 20-lb TNT platter and bearing; TNT suspension\$1,850

TNT Junior Turntable

Belt drive. Upgradable. Features Sorbothane suspension; 2-in-thick laminated acrylic chassis; 21-lb stainless-steel isolated motor drive; reflex record clamping\$2,800

TNT Series 3. As above, with isolated loop drive 4-pulley system, zero-side load platter, variable-speed power-line conditioner, stainless-steel motor flywheel, precision aluminum/acrylic/lead platter, 4-independent-coil suspension, and platter-rotation control\$5,000

TNT Series 4. As TNT Series 3, with 30-lb stand-alone flywheel assembly to isolate motor from turntable and 3-belt drive system\$6,000

WELL TEMPERED LAB

The following are equipped with an appropriate Well Tempered tonearm.

Well Tempered Reference Turntable

Belt drive. Features chatter-free silicone-fluid bearing bath; isolated motor assembly; proprietary belt. w&F 0.001%\$4,495

Well Tempered Super Turntable\$3,295

Well Tempered Classic Turntable\$2,495

Well Tempered Record Player Turntable\$1,495

WILSON BENESCH

ACT-2 Manual Turntable

Belt drive with continuous pure-carbon tonearm/headshell. Features Papst AC motor with external quartz power-supply unit; 3-point suspended subchassis made of carbon fiber over Nomex; light-weight cartridge beam; orientation of carbon fiber matte for damping and torsional rigidity. Adjustable vertical tracking angle and azimuth. Play speeds 33 1/3 and 45 rpm. w&F 0.058% DIN; rumble 78 dB; tonearm mass 9 g. Red, cherry, or black-ash base. 2-yr warranty. 19 1/2 x 3 x 15 1/2 in\$6,295
ACT-1. As above, with ACT-1 tonearm\$5,695

C A R T R I D G E S & T O N E A R M S

AUDIO BY VAN ALSTINE

Longhorn Z Phono Cartridge

Features internal damping; external stabilization. Output 5.6 mV; FR 10-55,000 Hz; ch sep 25 dB; tracking force 1.5 g\$99

AUDIO NOTE

Io-2 Moving-Coil Phono Cartridge

Van den Hul stylus. Features gun-metal body; titanium cantilever; silver coils. Ch sep 44 dB at 1,000 Hz; tracking force 1.8-3 g\$2,895

AUDIOQUEST

Phono Cartridges (trade-in discounts available)

Model 7000Fe5. Output 0.4 mV\$2,250

Model 404i-MH. Output 1.4 mV\$795

Model 404i-L. Output 0.5 mV\$795

Tonearms

PT-8. Damped arm tube; adjustable pivot damping; Emerald+ tonearm cable. Black\$650

PT-7. As above, AudioQuest Z tonearm cable\$550

PT-6. As PT-8, wiring not Emerald+\$450

AUDIO-TECHNICA

AT-ML150 Phono Cartridge

Features tapered alloy tube cantilever. Output 4 mV at 1,000 Hz, 5 cm/s; FR 10-30,000 Hz; ch sep 31 dB at 1,000 Hz; tracking force 1-1.6 g\$400



Stanton Trackmaster EL-1 cartridge

AT-OC9 Moving-Coil Phono Cartridge

Features tapered alloy tube cantilever. Output 0.4 mV at 1,000 Hz, 5 cm/s; FR 15-50,000 Hz; ch sep 31 dB at 1,000 Hz; tracking force 1.3-1.8 g\$400

AT440ML Phono Cartridge

Features tapered alloy tube cantilever. Output 5 mV at 1,000 Hz, 5 cm/s; FR 5-32,000 Hz; ch sep 30 dB at 1,000 Hz; tracking force 0.8-1.6 g\$199

AT132EP Phono Cartridge

0.2 x 0.7-mil nude biradial stylus. P-mount. Features tapered alloy tube cantilever. Output 5 mV at 1,000 Hz, 5 cm/s; FR 10-30,000 Hz; ch sep 30 dB at 1,000 Hz; tracking force 0.8-1.6 g\$149

AT331LP Phono Cartridge

Linear contact stylus. P-mount or universal. Features tapered alloy tube cantilever. Output 3 mV at 1,000

Hz, 5 cm/s; FR 10-30,000 Hz; ch sep 31 dB at 1,000 Hz; tracking force 1-1.5 g\$129

AT120E/T Phono Cartridge

0.3 x 0.7-mil nude biradial stylus. Output 5 mV at 1,000 Hz, 5 cm/s; FR 15-25,000 Hz; ch sep 29 dB at 1,000 Hz; tracking force 1-1.8 g\$99

AT316EP Phono Cartridge

0.3 x 0.7-mil nude biradial stylus. Output 5 mV at 1,000 Hz, 5 cm/s; FR 10-27,000 Hz; ch sep 29 dB at 1,000 Hz; tracking force 1-1.5 g\$99

AT311EP Phono Cartridge

0.3 x 0.7-mil biradial stylus. P-mount or universal. Output 5 mV at 1,000 Hz, 5 cm/s; FR 15-27,000 Hz; ch sep 29 dB at 1,000 Hz; tracking force 1-1.5 g\$79

AT301EP Phono Cartridge

0.4 x 0.7-mil biradial stylus. P-mount or universal. Output 5 mV at 1,000 Hz, 5 cm/s; FR 15-25,000 Hz; ch sep 26 dB at 1,000 Hz; tracking force 1-1.5 g\$69

AT71ELC Phono Cartridge

0.4 x 0.7-mil biradial stylus. Output 3.5 mV at 1,000 Hz, 5 cm/s; FR 20-22,000 Hz; ch sep 22 dB at 1,000 Hz; tracking force 1-2 g\$59

AT300P Phono Cartridge

0.6-mil unradial stylus. Output 5 mV at 1,000 Hz, 5 cm/s; FR 20-22,000 Hz; ch sep 26 dB at 1,000 Hz; tracking force 1-1.5 g\$59

AT70L Phono Cartridge

0.7-mil unradial stylus. Output 3.5 mV at 1,000 Hz, 5 cm/s; FR 20-20,000 Hz; ch sep 20 dB at 1,000 Hz; tracking force 1.5-2.5 g\$49

BENZ MICRO

Re-tipping and upgrade services are available.

Ruby Moving-Coil Phono Cartridge

Nude diamond stylus. Features vented machined Bruyere wood body; solid-boron rod cantilever; square ruby-jewel-plate coil. Output 0.3 mV at 1,000 Hz; FR 10-50,000 Hz; ch sep 40 dB at 1,000 Hz; tracking force 2-2.5 g. 8.6 g\$3,000

Reference Moving-Coil Phono Cartridge

Nude diamond stylus. Features vented machined Bruyere wood body; solid-boron rod cantilever; square pure-iron-plate coil. Output 0.4 mV at 1,000 Hz; FR 10-50,000 Hz; ch sep 40 dB at 1,000 Hz; tracking force 2-2.5 g. 8.6 g\$2,500

H2O Moving-Coil Phono Cartridge

Nude diamond stylus. Features vented machined Bruyere wood body; solid-boron rod cantilever; pure-iron cross coil. Output 2 mV at 1,000 Hz; FR 10-50,000 Hz; ch sep 40 dB at 1,000 Hz; tracking force 2-2.5 g. 8.6 g\$1,800
MO.9. As above, output 0.9 mV at 1,000 Hz\$1,500
LO.4. As H2O, output 0.4 mV at 1,000 Hz\$1,200

Glider Moving-Coil Phono Cartridge

Nude diamond stylus. Features hand-wound iron cross coil; open free-floating design; solid-aluminum base; solid-boron rod cantilever. Output 1 mV at 1,000 Hz; FR 10-50,000 Hz; ch sep 40 dB at 1,000 Hz; tracking force 2-2.5 g. 6.5 g\$750

MC Gold Moving-Coil Phono Cartridge

0.3 x 0.7-mil elliptical diamond stylus. Features aluminum-alloy tube cantilever. Output 0.4 mV at 1,000 Hz; FR 20-25,000 Hz; ch sep 30 dB at 1,000 Hz; tracking force 1.8-2.2 g. 5.7 g\$350

MC Silver. As above, output 2 mV at 1,000 Hz\$350

MC20E II. As MC Gold, output 2.5 mV at 1,000 Hz, FR 15-40,000 Hz, ch sep 25 dB at 1,000 Hz, tracking force 1.7-2.3 g. 4 g\$150

DENNESEN

ABL1-Tonearm

Straight. Features lateral-tracking design; air bear-

ing; gold plating. Adjustable vertical tracking angle; changeable wand\$2,000

DENON

DL-S1 Moving-Coil Phono Cartridge

Features tapered cantilever; moving coil with gold and 6N copper; aluminum body with ceramic frame. Output 0.15 mV; FR 20-70,000 Hz\$800

DL-160 Moving-Coil Phono Cartridge

Features output level high enough for MM-phonograph pre-amplifier input; single-point cantilever suspension; tapered double-construction cantilever\$150
DL-110. As above, cantilever not tapered\$120

EMINENT TECHNOLOGY

Model 2 Tonearm

Straight. For use with turntable having interchangeable armboard. Features air bearing; magnesium armtube; dynamic fluid damping; decoupled counterweight. Adjustable vertical tracking angle. Includes air pump, line, and filter\$2,500

GRAHAM ENGINEERING

Model 1.5Vc Tonearm

Straight. Features brass side weights; armtube damping with concentric tubes of aluminum and stainless-steel with energy-absorbing damping bands separating inner and outer tubes; silicone fluid in pivot well for horizontal and vertical damping. SME-compatible mounting; locking adjustments for overhang, azimuth, vertical tracking angle, and tracking force. Includes ceramic armwand. Matte gold or chrome finish\$2,900

Model 1.5t. As above, but with tungsten side weights and without ceramic armwand. Includes azimuth-alignment box\$2,750

Model 1.5. As Model 1.5Vc, but without ceramic armwand\$2,350

KAB ELECTRO ACOUSTICS

KSL500 Phono Cartridge

2.7-mil conical stylus. P-mount design. Designed for 78-rpm and mono LP's. Output 2 mV/cm\$50

KS500-27 Phono Cartridge

2.7-mil conical stylus. Designed for 78-rpm LP's. Output 2 mV/cm\$44

LINN

Ekos Tonearm

Features pivoting dynamically balanced design; temperature-compensated springs; hydraulic lift/lower mechanism; gold connectors. Adjustable spring bias and tracking forces. Pivot-to-stylus length 211 mm; recommended cartridge weight 4-9 g; effective mass 11.5 g; stylus overhang 18 mm\$2,595

Akito Tonearm

Features pivoting statically balanced design. Adjustable spring bias; counterweight tracking-force adjustment. Pivot-to-stylus length 211 mm; recommended cartridge weight 2-10 g; effective mass 10 g; stylus overhang 18 mm\$495

Phono Cartridges

Arkiv Moving-Coil Phono Cartridge

Nude diamond stylus. Features 3-point mounting; gold contacts. Output 0.15 mV; ch sep 30 dB at 1,000 Hz; tracking force 1.55-1.75 g\$2,295

Klyde Moving-Coil Phono Cartridge

Nude diamond stylus. Features gold contacts. Output 0.15 mV; ch sep 30 dB at 1,000 Hz; tracking force 1.55-1.75 g\$1,195

K18/II Phono Cartridge

Nude diamond stylus. Features metal body; gold contacts. Output 4.5 mV; ch sep 30 dB at 1,000 Hz; tracking force 1.5-2 g\$650

K9 Phono Cartridge

Nude diamond stylus. Features metal body; gold contacts. Output 4.5 mV; ch sep 20 dB at 1,000 Hz; tracking force 1.5-2 g\$350

K5 Phono Cartridge

Elliptical stylus. Output 4.5 mV; ch sep 20 dB at 1,000 Hz; tracking force 1.5-2 g\$195

LONDON (DECCA)

Jubilee Phono Cartridge

Polished-diamond line-contact stylus. Features aluminum body. Output 5 mV; FR 20-22,000 Hz \pm 3 dB. 10 g\$1,600

Super Gold Phono Cartridge

Polished-diamond stylus. Features aluminum body; internal damping. $\frac{1}{4}$ -in mounting fixture. Output 5 mV; FR 20-22,000 Hz \pm 3 dB. 6.7 g\$750

Standard Gold. As above, with elliptical diamond stylus and lower-grade internal damping\$650

LYRA

Parnassus Phono Cartridge

Diamond stylus. Features platinum/iron magnet; 6N copper wire; 5N iron pole piece; removable body. Output 0.2 mV; FR 10-50,000 Hz; ch sep 35 dB; tracking force 1.8-2 g. 9 g without body cover\$3,495

Clavis De Capo Phono Cartridge

Diamond stylus. Features mono-block construction; ceramic-alloy cantilever; direct-flux dual-disk magnetic circuit; 6N copper-wire coils. Output 0.3 mV; FR 10-40,000 Hz; tracking force 1.5-1.7 g. 9.5 g\$1,895

Lydian Phono Cartridge

Diamond stylus. Features boron cantilever; neodmium magnet; 6N copper-wire coils; 5N iron pole pieces; wire suspension with dual-damping system. Output 0.3 mV; FR 10-40,000 Hz; ch sep 30 dB; tracking force 1.8-2 g. 10.5 g with body cover\$995

MORCH

DP-6 Tonearm

Curved. Features 2 sapphire bearings with silicone dampening; silver or copper internal wiring insulated with Teflon; asymmetrical mass distribution of bearing cavity for prevention of symmetrical barrel resonances; 4 different balancing weights. Gold-plated phono plug. Adjustable damping for independent horizontal and vertical motion; interchangeable armtube; adjustable fundamental resonance; adjustable vertical tracking angle; adjustable azimuth. Overall length $\frac{1}{2}$ in; effective length $\frac{1}{16}$ in; tracking force 0-3 g; offset angle 24°; mounting-hole diameter $\frac{1}{16}$ in. 24-karat gold finish\$1,650
Black. By special order\$1,550
Chrome\$1,450
Standard gold with lower-grade silver wiring\$1,450
Chrome with lower-grade silver wiring\$1,250

UP-4 Tonearm

Curved. Features silicone-damped hardened-steel single pivot resting on concave-polished sapphire; low bearing position for stability; silver internal wiring; asymmetrical mass distribution of bearing cavity for prevention of symmetrical barrel resonances; 4 different balancing weights. Gold-plated phono plug. Interchangeable armtubes; adjustable azimuth; adjustable vertical tracking angle; adjustable fundamental resonance. Overall length $\frac{1}{2}$ in; effective length $\frac{1}{16}$ in; tracking force 0-3 g; offset angle 24°; mounting-hole diameter $\frac{1}{16}$ in. Chrome\$975
Lower-grade silver wiring\$775
Copper wiring\$675

NAIM

ARO Tonearm

Features single-pivot design; balanced weight assembly. Removable armtube; adjustable arm height. Effective length 230 mm; recommended cartridge weight 5.5-12 g; stylus overhang 18 mm\$1,850

ORTOFON

Super OM-30 Phono Cartridge

Nude diamond stylus. Features magnetic circuitry; cut-out nose for cueing. Output 4 mV at 1,000 Hz, 5 cm/s; FR 20-20,000 Hz +2, -0 dB; ch sep 25 dB; tracking force 1.25 g. 5 g . . . \$225

Super OM-20. As above, nude elliptical diamond stylus. FR 20-20,000 Hz +2, -1 dB . . . \$150

Super OM-10. As Super OM-30, elliptical stylus upgradable to Super OM-20 or Super OM-30. FR 20-20,000 Hz +3, -1 dB; ch sep 22 dB; tracking force 1.5 g . . . \$75

OMP-10. As Super OM-10 above, but for P-mount tonearms . . . \$75

CC-DJE Phono Cartridge

Elliptical stylus. Designed for professional use. Features double-tube telescopic clear cantilever with red stylus point; combination headshell, cartridge, and nylon finger-lift. Output 6 mV at 5 cm/s; FR 20-22,000 Hz; ch sep 23 dB; tracking force 3 g, 18.5 g . . . \$170

CC-DJS. As above, with spherical stylus. FR 20-18,000 Hz . . . \$160

OM-DJE. As CC-DJE, standard mount. 5 g . . . \$110

OM-DJS. As CC-DJE, spherical stylus. Standard mount. FR 20-18,000 Hz. 5 g . . . \$100

CC Night Club E Phono Cartridge

Elliptical diamond stylus. Standard mount. Features aluminum tube cantilever; cartridge nose cut-out for cueing facility. Combination headshell, cartridge, and finger-lift; gold-plated color-coded pins; fluorescent-yellow cantilever tip. Includes extra stylus. Output 6 mV at 1,000 Hz, 5 cm/s; FR 20-22,000 Hz; ch sep 23 dB; tracking force 3 g, 18.5 g . . . \$155

CC Night Club S. As above, spherical diamond stylus . . . \$145

TM-20UD Phono Cartridge

Fine line stylus. Output 4 mV at 1,000 Hz, 5 cm/s; FR 20-22,000 Hz; ch sep 25 dB; tracking force 1.25 g. 6 g . . . \$129

TM-14UD. As above, elliptical stylus. Ch sep 22 dB . . . \$89

TM-7U. As TM-20UD, elliptical stylus. FR 20-20,000 Hz; ch sep 22 dB . . . \$60

CC Pro C+2 Phono Cartridge

Spherical stylus. Features combination headshell, cartridge, and fingerlift. Includes 2 extra styli . . . \$120

OM Pro S+2. As above, standard mount . . . \$70

OM Night Club E Phono Cartridge

Elliptical diamond stylus. Standard mount. Features cartridge nose cut-out for cueing; aluminum tube cantilever. Gold-plated color-coded pins; fluorescent-yellow cantilever tip. Includes 2-g weight plate and extra stylus. Output 6 mV at 1,000 Hz, 5 cm/s; FR 20-22,000 Hz; ch sep 23 dB; tracking force 3 g. 5 g . . . \$85

OM Night Club S. As above, spherical diamond stylus . . . \$80

OM Pro Phono Cartridge

Silver spherical stylus. Standard mount. Features flexible load capacitance; cartridge nose cut-out for cueing. Luminous cantilever tip; gold-plated color-coded pins. Includes extra stylus. Output 5 mV at 1,000 Hz; ch sep 20 dB; tracking force 4 g. 5 g . . . \$60

CC Pro. As above, designed as combination headshell, cartridge, and finger-lift. 16 g . . . \$110

OM-5E Phono Cartridge

Elliptical stylus. Output 4 mV at 1,000 Hz, 5 cm/s; FR 20-20,000 Hz +3, -1 dB; ch sep 22 dB; tracking force 1.75 g. 6 g . . . \$50

OMP-5E. As above, for P-mount tonearms . . . \$50

OM-3E. As OM-5E, with lower polish quality on stylus . . . \$35

OMP-3E. As OM-3E, for P-mount tonearms . . . \$35

FF 15XEII Phono Cartridge

Elliptical stylus. Output 6 mV at 1,000 Hz, 5 cm/s; FR 20-20,000 Hz; ch sep 20 dB; tracking force 2 g. 5 g . . . \$35

Moving-Coil Phono Cartridges

MC7500 Moving-Coil Phono Cartridge

Diamond stylus. Features linear technology; tapered aluminum tube cantilever; carbon-fiber armature; neodymium magnetic circuit; pure-titanium cartridge housing; diamond-profile polishing; 8N copper internal-lead wiring. Output 0.13 mV at 1,000 Hz, 5 cm/s; ch sep 25 dB at 1,000 Hz; tracking force 2.5 g. 11 g . . . \$2,800

T7500. Matching step-up transformer for the above model . . . \$2,800

MC5000 Moving-Coil Phono Cartridge

Diamond stylus. Features linear technology; sapphire cantilever; black sapphire cartridge housing; diamond-profile polishing; 7N copper internal-lead wiring. Output 0.14 mV at 1,000 Hz, 5 cm/s; ch sep 25 dB at 1,000 Hz; tracking force 2.5 g. 9.5 g . . . \$2,000

T-7500. Matching step-up transformer for the above model . . . \$2,800

MC3000 MkII Moving-Coil Phono Cartridge

Diamond stylus. Features aluminum cantilever; black sapphire cartridge housing; diamond-profile polishing; 6N copper internal-lead wiring. Output 0.125 mV at 1,000 Hz, 5 cm/s; ch sep 25 dB at 1,000 Hz; tracking force 2.2 g. 9.5 g . . . \$1,600

T-3000. Matching step-up transformer for the above model . . . \$1,400

MC2000 MkII Moving-Coil Phono Cartridge

Diamond stylus. Features aluminum cantilever; white sapphire cartridge housing; diamond-profile polishing; 6N copper internal-lead wiring. Output 0.125 mV at 1,000 Hz, 5 cm/s; ch sep 25 dB at 1,000 Hz; tracking force 2.2 g. 9.5 g . . . \$1,300

T-3000. Matching step-up transformer for the above model . . . \$1,400

MC-30 Super MkII Moving-Coil Phono Cartridge

Nude diamond stylus. Features tapered aluminum cantilever; linear-phase technology; three-faceted rear stylus contact surface; carbon-fiber plate; rubber bearings; dampening using pure platinum disc; aluminum cartridge housing with 2 precision extrusions; precision-machined cross-shaped armature. Output 0.2 mV at 1,000 Hz, 5 cm/s; FR 20-40,000 Hz +4, -1 dB; ch sep 25 dB at 1,000 dB; tracking force 1.6-2 g. 10 g . . . \$650

MC-20 Super MkII Moving-Coil Phono Cartridge

Diamond stylus. Features linear-phase technology; aluminum cartridge housing with 2 precision-fit anodized extrusions. Output 0.2 mV at 1,000 Hz, 5 cm/s; FR 20-40,000 Hz +4, -1 dB; ch sep 25 dB at 1,000 dB; tracking force 1.6-2 g. 10 g . . . \$550

MC-10 Super II Moving-Coil Phono Cartridge

Nude diamond stylus. Features linear-phase technology; metal-disc dampening. Output 0.2 mV at 1,000 Hz, 5 cm/s; FR 20-40,000 Hz +4, -1 dB; ch sep 25 dB at 1,000 Hz; tracking force 1.6-2 g. 10 g . . . \$380

X5-MC Moving-Coil Phono Cartridge

Nude stylus. P-mount. Features MM-phono output voltage. Output 2 mV at 1,000 Hz, 5 cm/s; FR 20-45,000 Hz +4, -1.5 dB; ch sep 25 dB at 1,000 Hz; tracking force 2 g. 4.1 g . . . \$300

X3-MC. As above, different nude stylus. FR 20-40,000 Hz +4, -1.5 dB . . . \$175

X1-MC. As X5-MC, elliptical stylus. FR 20-30,000 Hz +4, -1.5 dB; ch sep 22 dB at 1,000 Hz . . . \$125

MC-3 Turbo Moving-Coil Phono Cartridge

Nude diamond stylus. Features 4 moving coils wound with 18- μ m-diameter copper wire; samarium-cobalt magnet surrounding coils. Output 3.3 mV at 1,000 Hz, 5 cm/s; FR 20-25,000 Hz +4, -1 dB; ch sep 24 dB at 1,000 Hz; tracking force 2 g. 4.1 g . . . \$200

MC-1. As above, elliptical diamond stylus. FR 20-22,000 Hz +4, -1 dB . . . \$150

MC-10 Super Moving-Coil Phono Cartridge

Nude elliptical diamond stylus. Features linear-phase technology; lightweight cross armature with identical coils mounted at 90° to each other. Output 0.3 mV at

1,000 Hz, 5 cm/s; FR 20-20,000 Hz +4, -1 dB; ch sep 25 dB at 1,000 Hz; tracking force 1.5 g. 7 g . . . \$140

PICKERING

XSV/5000 MkII Phono Cartridge

Stereohedron stylus. Output 3.8 mV; FR 10-50,000 Hz; tracking force 0.75-1.5 g. 5.6 g . . . \$346

TL-3S Phono Cartridge

Stereohedron stylus. Universal mount. Output 4.4 mV; FR 10-25,000 Hz; tracking force 0.75-1.5 g. 5.9 g . . . \$194

XV-15/625DJP Phono Cartridge

Elliptical stylus. Designed for professional use. Includes 2 replacement styli. FR 20-20,000 Hz; tracking force 1-4 g . . . \$189

XV-15/625DJ. As above, without extra styli . . . \$114

XV-15/625 Phono Cartridge

Elliptical stylus. FR 10-25,000 Hz; tracking force 0.75-1.5 g. 6.3 g . . . \$154

XV-15/150DJP Phono Cartridge

Spherical stylus. Designed for professional use. Includes replacement stylus. FR 10-20,000 Hz; tracking force 2-4 g. 6.2 g . . . \$147

XV-15/150DJ. As above, without extra styli . . . \$110

V15DJ-DP Phono Cartridge

Spherical stylus. Includes 2 replacement styli. Output 4.4 mV; FR 20-20,000 Hz; tracking force 2-5 g. 5.5 g. Matched pair . . . \$116

V15/DJP. As above, single cartridge . . . \$90

V-15/DJ. As above, without extra styli . . . \$60

TLE Phono Cartridge

Elliptical stylus. Output 4.4 mV; FR 10-20,000 Hz; tracking force 1-1.5 g. 6 g . . . \$76

RADIO SHACK

V15 Type RS Phono Cartridge

FR 5-30,000 Hz; ch sep 30 dB . . . \$50

RX1500 Phono Cartridge

Diamond elliptical stylus. Designed with Audio-Technica. Tracking force 1-1.5 g . . . \$35

RXP3 Phono Cartridge

P-mount. Tracking force 1.25 g . . . \$30

RSS00DJ Phono Cartridge

Designed with Stanton for professional use . . . \$30

R47XT Phono Cartridge

FR 20-20,000 Hz; tracking force 1.75-2.25 g . . . \$27

R25XT Phono Cartridge

FR 20-20,000 Hz; tracking force 2.5-3.5 g . . . \$20

RPM

RPM2 Tonearm

Features single-pivot design; decoupled counterweight; sapphire and tungsten bearing mounting directly to turntable. Azimuth, zenith, and vertical-tracking-angle adjustments; antiskating adjustment . . . \$2,295

SHURE

The following, except the M92E, include mounting hardware.

M111E Phono Cartridge

0.2 x 0.7-mil bradial diamond stylus. Standard or P-mount. Features Dynamic Stabilizer shock absorber; heat-treated stylus tube; stylus protection system. Output 4 mV at 1,000 Hz, 5 cm/s; FR 20-20,000 Hz; ch sep 25 dB at 1,000 Hz; tracking force 1.5 g . . . \$100

SC35C Phono Cartridge

0.7-mil spherical diamond stylus. Output 5 mV rms at

CARTRIDGES & TONEARMS

1,000 Hz, 5 cm/s; FR 20-18,000 Hz; ch sep 20 dB at 1,000 Hz; tracking force 4-5 g\$56

M44GX Phono Cartridge

0.7-mil spherical diamond stylus. Output 6 mV rms at 1,000 Hz, 5 cm/s; FR 20-18,000 Hz; ch sep 20 dB at 1,000 Hz; tracking force 0.75-1.5 g\$43
M447X. As above, tracking force 1.5-3 g\$40
M70BX. As M44GX, tracking force 1.5-3 g\$25

M92E Phono Cartridge

0.4 x 0.7-mil diamond stylus. Standard or P-mount. Features slide-on stylus guard. Includes 1/2-in mounting adaptor. Output 5 mV at 1,000 Hz, 5 cm/s; FR 20-18,000 Hz; ch sep 20 dB at 1,000 Hz; tracking force 1.5 g\$25

SME

Series V Tonearm

Straight. Features die-cast magnesium construction; internal constrained damping layer; dual-lock base; 23-mm steel pillar moving vertically between 2 jaws and horizontally between 2 slideways carrying two ABEC-7 ball races; tungsten-alloy balance weight on damped 2-point suspension; stainless-steel vertical shaft, cross shaft, ground, and thread ground; dynamic balance-graduated vertical tracking force through resonance-controlled spring; silver Litz internal wiring with each conductor having 5 insulated strands; swiveling damped output socket; linear-crystal OFC audio lead terminated with right-angle 5-pole DIN plug at one end and gold-plated phono plugs at other; subsonic lateral mode fluid damper that can be adjusted or canceled. Adjustable/defeatable vertical tracking force; adjustable height; reference lines for vertical-tracking-angle setting; fine horizontal-tracking-angle adjustment with design-alignment protractor. Includes tools, accessories, and drill jig/template. Satin black enamel finish with details in chrome and stainless steel\$2,550

Sumiko/SME Series IV.Vi Tonearm

Straight. Tonearm cable not included. Features ABEC-7 bearings with 3-micron tolerance; static tracking force\$1,995

Series IV Tonearm

Straight. Features die-cast magnesium construction; internal constrained damping layer; dual-lock base; stainless-steel cross shaft, vertical shaft, ground, and thread ground; 23-mm steel pillar carrying two 17-mm ABEC-3 ball races; tungsten-alloy balance weight on 2-point suspension; swiveling damped output socket. Ability to adjust bearings before fitting; antiskating control; adjustable height; reference lines for vertical-tracking-angle setting; fine horizontal-tracking-angle adjustment with design-alignment protractor\$1,850

Model 309 Tonearm

Straight. Features internal constrained damping layer; stainless-steel cross shaft, vertical shaft, ground, and thread ground; 23-mm diameter steel pillar carrying two 17-mm ball races; dual-lock base; tungsten-alloy balance weight on 2-point suspension; OFC cartridge leads and internal wiring; OFC audio lead with gold-plated phono plugs. Interchangeable die-cast magnesium headshell; ability to adjust bearings before fitting; antiskating control; adjustable height; reference lines for vertical-tracking-angle setting; fine horizontal-tracking-angle adjustment with design-alignment protractor\$1,195

STANTON

Collector's Series 100 Phono Cartridge

Stereohedron II diamond stylus. Features sapphire-coated cantilever. Output 0.76 mV/cm/sec; ch sep 35 dB, 5.5 g\$427

Trackmaster EL-1 Phono Cartridge

0.4 x 0.7-mil Stereohedron elliptical stylus. Includes extra stylus. Output 5.2 mV; FR 20-20,000 Hz; tracking force 2-5 g, 18 g\$258

Trackmaster EL-2. As above; includes 2 extra styli\$325

Model 881 MkIIs Phono Cartridge

Stereohedron II diamond stylus. Features samarium-cobalt magnet. Output 0.9 mV/cm/sec; ch sep 35 dB, 5.5 g\$256

Trackmaster AL-1 Phono Cartridge

0.7-mil spherical stylus. Designed for scratch-mixing. Includes extra stylus. Output 5.2 mV; FR 20-20,000 Hz; tracking force 2-5 g, 18 g\$205

Trackmaster AL-2. As above, 2 extra styli\$245

Model 890AL Phono Cartridge

Diamond stylus. Designed for scratch-mixing and back-cueing. Features computer-designed 4-coil body. Includes extra stylus. Output 0.76 mV/cm/sec; FR 20-20,000 Hz; ch sep 30 dB; tracking force 2-7 g, 5.5 g\$192

L747S Phono Cartridge

Stereohedron stylus. Output 0.8 mV/cm/sec; FR 10-36,000 Hz; tracking force 0.75-1.5 g, 6 g\$184

Model 681EEE MkIII Phono Cartridge

Stereohedron III diamond stylus\$184

Model 680EL Phono Cartridge

Elliptical diamond stylus. Designed for scratch-mixing and back-cueing. Features 4-coil design; aluminum-alloy cantilever. Output 1.1 mV/cm/sec; FR 20-18,000 Hz; tracking force 2-5 g, 5.5 g\$164

Model 680EL-MP. Matched pair of above. Tracking force 3.5-4 g\$228

Model 680EL-C. As Model 680EL; includes extra stylus\$164

L680EL Phono Cartridge

For plug-in tonearms. Increases P-mount tracking force from 1.5 to 3.5 g for scratch-mixing and back-cueing\$164

Model 680AL Phono Cartridge

Spherical stylus. Includes extra stylus\$142

Model 680EE Phono Cartridge

Elliptical diamond stylus. Features 4-coil design. Output 0.82 mV/cm/sec; FR 20-22,000 Hz; tracking force 0.75-1.5 g, 5.5 g\$122

L725E Phono Cartridge

Elliptical stylus. Output 0.8 mV/cm/sec; FR 10-22,000 Hz; tracking force 0.75-1.5 g, 6 g\$98

Model 500EL Phono Cartridge

Elliptical diamond stylus. Output 1 mV/cm/sec; FR 20-17,000 Hz; tracking force 2-5 g, 5.5 g\$97

Model 500AL Phono Cartridge

Spherical stylus. Designed for scratch-mixing and back-cueing. Output 1 mV/cm/sec; FR 20-17,000 Hz; tracking force 2-5 g, 5 g\$87
Model 500AL-MP. Matched pair of above\$185
Model 500AL-PC. As Model 500AL; includes 2 extra styli\$129
Model 500AL-DP. As Model 500AL; includes extra stylus\$113

L500AL Phono Cartridge

Spherical stylus. For plug-in tonearms. Increases P-mount tracking force from 1.5 to 3.5 g for scratch-mixing and back-cueing. Output 1 mV/cm/sec; FR 20-17,000 Hz; tracking force 3.5-4 g, 8.4 g\$87

Model 500E MkII Phono Cartridge

Elliptical stylus. Output 0.8 mV/cm/sec; FR 10-22,000 Hz; tracking force 1-2 g, 5.5 g\$85

L720EE Phono Cartridge

Elliptical diamond stylus. Designed for difficult records. Output 0.9 mV/cm/sec; FR 10-20,000 Hz; tracking force 0.75-1.5 g, 5 g\$85

STC-710 Phono Cartridge

Elliptical diamond stylus. Universal mount. Out-

put 3 mV; FR 10-20,000 Hz; tracking force 0.75-1.5 g, 5.9 g\$28

SUMIKO

Sumiko's Multiple Density Progressive Suspension is said to allow a moving-coil cartridge to track like a moving-magnet cartridge.

Transfiguration Temper Moving-Coil Phono Cartridge

Elliptical diamond stylus. Features Multiple Density Progressive Suspension; patented yokeless ring magnet design; hard-anodized reinforced aluminum cantilever; gold-plated output terminals. Includes stainless steel mounting bolts, washers, and allen wrench. Output 0.25 mV at 3.45 cm/sec, 1,000 Hz; FR 20-40,000 Hz \pm 2 dB; ch sep 30 dB from 200-10,000 Hz; tracking force 1.7-2 g, 7.5 g\$3,800

Sumiko Sho Reference Moving-Coil Phono Cartridge

Elliptical diamond stylus. May be 3-hole-mounted for Linn or Naim tonearms. Features Multiple Density Progressive Suspension; patented double-ring magnet design; reinforced solid-boron rod cantilever; gold-plated output terminals. Includes stainless-steel mounting bolts, washers, and allen wrench. Output 2.3 mV at 3.45 cm/sec, 1,000 Hz; FR 20-40,000 Hz \pm 2 dB; ch sep 28 dB from 200-10,000 Hz; tracking force 1.9-2.2 g, 8 g\$1,800

Oyster Series

Blue Point Special Moving-Coil Phono Cartridge

0.3 x 0.7-mil elliptical bonded diamond stylus. Features thin-walled aluminum tube cantilever. Output 2.3 mV; FR 10-35,000 Hz; ch sep 35 dB; tracking force 1.7-2.1 g, 9.5 g\$295

Blue Point Moving-Coil Phono Cartridge

0.3 x 0.7-mil elliptical bonded diamond stylus. Output 3 mV; FR 15-35,000 Hz; ch sep 32 dB; tracking force 1.25-1.7 g, 5.9 g\$195

Pearl Phono Cartridge

0.2 x 0.8-mil elliptical bonded diamond stylus. Output 5 mV; FR 12-30,000 Hz; ch sep 30 dB; tracking force 1.5-2 g, 6 g\$90

Black Pearl Phono Cartridge

0.5-mil spherical bonded diamond stylus. Output 5 mV; FR 18-27,000 Hz; ch sep 28 dB; tracking force 1.5-2 g, 6 g\$70

Oyster Phono Cartridge

0.5-mil spherical bonded diamond stylus. Output 4 mV; FR 30-20,000 Hz; ch sep 25 dB; tracking force 1.5-2.5 g, 5.3 g\$40

VPI

JMW Memorial Tonearm

Features single-pivot design. 10 in\$2,300

WELL TEMPERED LAB

Well Tempered Reference Tonearm

Features chatter-free bearing system; horizontal and vertical adjustable viscous damping\$1,595

Well Tempered Classic Tonearm\$995

Well Tempered Record Player Tonearm\$695

WILSON BENESCH

ACT-1 Tonearm

Pure-carbon-fiber composition for damping and resonance reduction; Kinematic-location bearing system for single-pivot performance and resistance damping; counter balance/azimuth fixture with low center of gravity parallel to stylus contact; Cardas internal wiring; Gotham/Neutrik OFC interconnect. Adjustable vertical tracking angle. Effective mass 9 g\$1,995

ACT-2. As above, constructed with Formula 2 carbon fiber. Includes armlock and rest for tonearm base. Custom tonearm wire available\$2,695
 Balanced version\$2,995

RECEIVERS

CARVER

HR-895 365-W A/V Receiver

5 channels; Dolby Pro Logic and 3 other surround modes. 110 W x 2 (front) from 20-20,000 Hz with 0.09% THD + 75 x 1 (center) + 35 x 2 (rear), all into 8 ohms. 7 audio inputs including phono; 4 composite-video inputs; 3 S-video inputs; subwoofer output; pre-out/main-in loop for each channel; CATV coaxial FM input. Features Sonic Holography image-enhancing circuitry; digital-synthesis tuner; ACCD tuner noise-reduction circuitry. 2nd-zone multiroom capability with infrared receiver; 30 tuner presets; program/sleep timer; programmable 2-zone remote control. Amp: FR 20-20,000 Hz ± 0.5 dB; S/N 75 dB phono. FM: 50-dB quieting sens 39.2 dBf stereo; AM rej 55 dB; cap ratio 1.5 dB; alt-ch sel 70 dB narrow; S/N 68 dB stereo; THD 0.5% stereo at 1,000 Hz. 19 x 6 1/4 x 17 1/2 in; 34 lb\$1,399

DENON

DRA-775 90-W/ch Receiver

2 channels. 90 W x 2 into 8 ohms from 20-20,000 Hz. Phono input; video inputs and outputs; pre-out/main-in jacks. Features chassis construction to shorten signal path. RDS digital-data reception; capability for 2 multiroom zones; system/multiroom remote control\$750

DRA-565RD 65-W/ch Receiver

2 channels. 65 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD. Video inputs and outputs; line-level output; 3-way speaker outputs; switched AC outlet. Features discrete output transistors; frequency-synthesis tuning; motor-driven volume control. RDS digital-data reception; 40 AM/FM presets with labeling; variable loudness control; bass EQ switch; Denon IS-system remote with volume control\$400

DRA-365R 48-W/ch Receiver

2 channels. 48 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD. Video inputs and outputs. Features discrete output transistors; frequency-synthesis tuning; motor-driven volume control. 40 AM/FM presets with labeling; variable loudness control; Denon IS-system remote with volume control\$300

A/V Receivers

AVR-3000 400-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, Classic, Rock, Church, Jazz, Stadium, Mono Movie, and Matrix modes; DSP. 110 W x 3 (front, center) + 35 x 2 (rear). 9 audio inputs; 4 audio outputs; 2 center-channel outputs; line-level outputs; 5 composite/S-video inputs; 3 composite/S-video outputs; main amplifier inputs. Features Class A amplifiers for front and center channels; discrete amplifier for each channel; frequency-synthesis tuning. Normal, wide, and phantom center-channel modes; Wide Screen and Live enhanced Dolby Pro Logic modes; CD-direct switch; 16 AM/FM presets; simple and programmable remote controls\$1,400

AVR-2500 305-W A/V Receiver

5 channels; Dolby Pro Logic, Classic Concert, Rock, Jazz Club, Super Stadium, Mono Movie, and Matrix modes; DSP. 85 W x 3 (front, center) + 25 x 2 (rear). 7 audio inputs; 4 audio outputs; 2 center-channel outputs; main amplifier inputs; front, center, and mono line-level outputs; 3 S-video inputs; 3 S-video outputs; 4 composite-video inputs; 4 composite-video outputs. Features discrete amplifiers for front and center channels. RDS radio-data reception with front-panel/on-screen displays; normal, wide, and phantom center-channel modes; Wide Screen and Live enhanced Dolby Pro Logic modes; 32 AM/FM presets; video input selector; remote/front-panel A/B speaker switching; icon-based on-screen displays; FL display; programmable remote control. Simple remote control optional\$1,000

AVR-1500 250-W A/V Receiver

5 channels; Dolby Pro Logic, Classic Concert, Rock, Jazz Club, Super Stadium, and Mono Movie modes; DSP. 70 W x 3 (front, center) + 20 x 2 (rear). 6 audio in-



Yamaha RX-V590 A/V receiver

puts; 2 audio outputs; mono and center-channel line-level outputs; 3 video inputs; 2 video outputs. Features discrete amplifiers for front and center channels. RDS radio-data reception; normal, wide, and phantom center-channel modes; Wide Screen and Live enhanced Dolby Pro Logic modes; 32 AM/FM presets; video input selector; remote/front-panel A/B speaker switching; FL display; programmable remote control. Simple remote control optional\$750

AVR-1200 250-W A/V Receiver

5 channels; 8 surround modes including Dolby Pro Logic. 70 W x 3 (front, center) + 20 x 2 (rear). 6 audio inputs including phono; center-channel and mono-subwoofer line-level outputs; 3 video inputs. A/B speaker switch; icon-based on-screen displays; system remote control\$650

AVR-900 210-W A/V Receiver

5 channels; 5 surround modes including Dolby Pro Logic. 60 W x 3 (front, center) + 15 x 2 (rear). 5 audio inputs including phono; center-channel and mono-subwoofer line-level outputs; 2 video outputs. A/B speaker switch; system remote control\$430

DUAL

CR5950RC 340-W Receiver

2 channels. 85 W x 2 into 8 ohms with 0.02% THD. Features Class A design; motor-driven volume control; digital quartz-synthesis tuner. Gold-plated inputs for phono and CD; 16 AM/FM presets; remote control. FR 10-70,000 Hz\$620

CR9065RC 320-W Receiver

2 channels. 80 W x 2 into 8 ohms with 0.02% THD. Features digital quartz-synthesis tuner; motor-driven volume control. Matrix surround; 4-character alphanumeric station naming; 40 AM/FM presets; remote control. FR 10-60,000 Hz\$480

FISHER

The remote included with each of the following controls Fisher CD changers.

RS-737 280-W A/V Receiver

5 channels; Dolby Pro Logic. 80 W x 3 (front, center) rms into 8 ohms at 1,000 Hz with 0.9% THD + 20 x 2 (rear) rms into 8 ohms at 1,000 Hz with 0.9% THD or 120 x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD. 4 audio and 2 A/V inputs; front- and rear-panel A/V inputs. Features quartz-PLL tuning. Selectable digital delay; 40 AM/FM presets; 7-band EQ; A/V switching; A/B speaker switching; FL display; A/V remote control\$450

RS-727 240-W A/V Receiver

5 channels; Dolby Pro Logic. 100 W x 2 (front) from 20-20,000 Hz with 0.08% THD + 20 x 1 (center) at 1,000 Hz with 0.9% THD + 10 x 2 (rear) at 1,000 Hz

with 0.9% THD, all rms into 8 ohms. 4 audio and 2 A/V inputs. Features quartz-PLL tuning. Selectable digital delay; 40 AM/FM presets; A/V switching; bass, mid-range, and treble controls; A/B speaker switching; FL display; A/V remote control\$350

RS-717 80-W/ch Receiver

2 channels. 80 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.9% THD. 4 audio inputs. Features quartz-PLL tuning. 40 AM/FM presets; A/B speaker switching; FL display; remote control\$250

HARMAN KARDON

AVR30 190-W A/V Receiver

5 channels; Dolby Pro Logic; DSP. 50 W x 3 (front, center) into 6 ohms from 20-20,000 Hz with 0.09% THD + 20 x 2 (rear) into 4 ohms from 100-10,000 Hz with 0.3% THD or 60 x 2 into 6 ohms from 20-20,000 Hz with 0.09% THD. 4 audio and 4 video inputs; 2 tape and 2 VCR monitors. Features discrete amplifiers for all channels; audio-direct mode. 4 room-size and 5 effect-level DSP parameters; memory for surround and DSP settings; 12-way dubbing matrix; video switching; simulcast listening and recording; 16 AM/FM presets; on-screen displays; system remote control and separate home-theater controller\$1,149

AVR25 355-W A/V Receiver

5 channels; Dolby Pro Logic, Theater, Stadium, and Dolby 3 Stereo modes. 75 W x 3 (front, center) with 0.09% THD + 65 x 2 (rear) with 0.03% THD, all into 8 ohms from 20-20,000 Hz. 5 audio inputs with tape monitor; 4 video inputs; line-level outputs for each channel. Features discrete amplifiers for front and center channels. Dolby Time Link digital-delay system; adjustable digital delay; 30 random AM/FM presets; VCR-dubbing capability\$749

AVR20 190-W A/V Receiver

5 channels; Dolby Pro Logic, Hall, and Dolby 3 Stereo modes. 50 W x 3 (front, center) into 8 ohms with 0.09% THD + 20 x 2 (rear) with 0.3% THD or 60 x 2 into 8 ohms with 0.09% THD, all from 20-20,000 Hz. 5 audio inputs with tape monitor; 3 video inputs. Features discrete amplifiers for all channels. 30 AM/FM presets; VCR-dubbing capability; system remote control\$529

HK3550 50-W/ch Receiver

2 channels. 50 W x 2 into 8 ohms with 0.04% THD or 70 x 2 into 4 ohms with 0.5% THD, both from 20-20,000 Hz. Phono input; 2 tape monitors; outputs for 2 speaker pairs; system remote-control jack. Features digital-synthesis quartz-locked tuning. Loudness contour; 30 AM/FM presets; seek tuning; remote control\$529

HK3350. As above, 30 W x 2 into 8 ohms with 0.09% THD or 40 x 2 into 4 ohms with 0.3% THD from 20-20,000 Hz. No phono input\$399

In our experience,
the only place suitable
for a "Disco" mode
usually has a bouncer
at the door.

Fewer parts, better parts, better sound.



A U D I O A N D A U D I O / V I D E O C O M P O N E N T S

JVC

The following feature a 2-year carry-in parts-and-service warranty.

RX817VTN 365-W A/V Receiver

5 channels; digital Dolby Pro Logic, Dolby 3 Stereo, Dance Club, Headphone, Live Concert, Pavilion, and 2 Theater modes; DSP. 105 W x 3 (front, center) + 25 x 2 (rear), both at 1,000 Hz with 0.7% THD or 105 x 2 into 8 ohms from 20-20,000 Hz with 0.007% THD. 5 audio inputs; line-level subwoofer and rear outputs; 2 video inputs; front-panel A/V input; outputs for 2 front speaker pairs; headphone jack. Features Super-A amplifier circuit; discrete output transistors for all channels; computer-controlled digital-synthesis tuner; motor-driven volume control. 25 electronic EQ presets; center-channel tone control; 40 AM/FM presets; loudness switch; balance control; jog dial for source selection and tuner; 4-character station naming; sleep timer; spectrum peak indicator; LED volume indicator; FL display; multiple-brand A/V remote control with illuminated keys\$630

RX517VTN 265-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, and Hall modes. 75 W x 3 (front, center) + 20 x 2 (rear), both into 8 ohms at 1,000 Hz with 0.7% THD or 80 x 2 into 8 ohms from 20-20,000 Hz with 0.4% THD. 2 video inputs; 5 audio inputs; outputs for 2 front speaker pairs; headphone jack. Features discrete output transistors; computer-controlled digital-synthesis tuner; motor-driven volume control. Adjustable digital delay; 40 AM/FM presets; center-channel tone control; loudness switch; bass, treble, and balance control; source-select and tuner-control jog dial; 4-character station naming; LED volume indicator; FL display; sleep timer; unified A/V remote control\$370

RX717VTN. As above, 105 W x 3 (front, center) + 20 x 2 (rear), both into 8 ohms at 1,000 Hz with 0.7% THD or 105 x 2 into 8 ohms from 20-20,000 Hz with 0.06% THD. Line-level rear and subwoofer outputs. 25 electronic EQ presets; spectrum peak indicator\$500

RX317TN 110-W/ch Receiver

2 channels. 110 W x 2 into 8 ohms from 40-20,000 Hz with 0.9% THD. 5 audio inputs; outputs for 2 speaker pairs; headphone jack. Features discrete output transistors; computer-controlled digital-synthesis tuner; motor-driven volume control. 4-speaker surround mode; 40 AM/FM presets; loudness switch; bass, treble, and balance controls; LED volume indicator; FL display; A/V remote control\$250

KENWOOD

KR-X1000 550-W THX Receiver

5 channels; digital Dolby Pro Logic, Dolby 3 Stereo; DSP. 130 x 3 (front, center) + 80 x 2 (rear). 5 audio inputs including phono; 5 video inputs; 2 video-record outputs; 1 video-monitor output with composite- and S-video connectors; 2 switched AC outlets. THX certified. Features discrete power circuitry; 2-speed cool-

ing fan; AM/FM quartz-synthesis digital tuner; rotary-encoder volume control. Calibrated narrow-band test-tone generator with 6 level controls; presence-effect control; switchable connection between preamp outputs and power-amp inputs; on-screen displays; universal preprogrammed remote control\$1,200

KR-V8070 350-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, Arena, Jazz Club, and Stadium modes; DSP. 100 W x 3 (front, center) + 25 x 2 (rear). 4 audio inputs; video input; line-level outputs for left, right, center, rear-left, rear-right, and subwoofer; 2 video outputs; outputs for 2 front speaker pairs; headphone jack; 2 switched AC outlets. Features discrete amplifier circuitry; fan cooling; motor-driven volume control; quartz-synthesis tuner. Test-tone generator; auto input balance; digital delay; center- and rear-channel level controls; 20 AM/FM presets; direct station access; auto/manual tuning; bass and treble controls; loudness; FL display; universal remote control\$549

KR-V7070 350-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, and Theater modes. 100 W x 3 (front, center) + 25 x 2 (rear). 4 audio inputs; video input; line-level outputs for left, right, center, rear-left, rear-right, and subwoofer; 2 video outputs; outputs for 2 front speaker pairs; headphone jack; 2 switched AC outlets. Features discrete amplifier circuitry; fan cooling; motor-driven volume control; quartz-synthesis tuner. Test-tone generator; auto input balance; digital delay; center- and rear-channel level controls; 20 AM/FM presets; direct station access; auto/manual tuning; bass and treble controls; loudness; FL display; remote control\$400

KR-V6070 250-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, and Theater modes. 70 W x 3 (front, center) + 20 x 2 (rear) or 100 x 2. 4 audio inputs; video input; 2 video outputs; outputs for 2 front speaker pairs; headphone jack; 2 switched AC outlets. Features discrete amplifier circuitry; motor-driven volume control; quartz-synthesis tuner. Test-tone generator; auto input balance; digital delay; center- and rear-channel level controls; 20 AM/FM presets; direct station access; auto/manual tuning; bass and treble controls; loudness; FL display; remote control\$359

KR-V5570 250-W A/V Receiver

5 channels; Dolby Pro Logic and Dolby 3 Stereo modes. 70 W x 3 (front, center) + 20 x 2 (rear). 4 audio inputs; video input; 2 video outputs; outputs for 2 front speaker pairs; headphone jack; 2 switched AC outlets. Features discrete amplifier circuitry; motor-driven volume control; quartz-synthesis tuner. Test-tone generator; auto input balance; digital delay; center- and rear-channel level controls; 20 AM/FM presets; direct station access; auto/manual tuning; bass and treble controls; loudness; FL display; remote control\$299

KR-A5070 100-W/ch Receiver

2 channels. 100 W x 2. 6 audio inputs; outputs for 2 speaker pairs; headphone jack; 2 switched AC outlets. Features discrete amplifier circuitry; motor-driven volume control; quartz-synthesis tuner. 10 AM/20 FM presets; direct station access; auto/manual tuning; bass, treble, and balance controls; loudness; FL display; remote control\$229

KR-A4070. As above, 80 W x 2\$199

KR-A3070 50-W/ch Receiver

2 channels. 50 W x 2. 4 audio inputs; outputs for 2 speaker pairs; headphone jack; unswitched AC outlet. Features discrete amplifier circuitry; quartz-synthesis tuner. 10 AM/20 FM presets; direct station access; auto/manual tuning; bass, treble, and balance controls; loudness; FL display\$159

LUXMAN

RV-371 315-W A/V Receiver

5 channels; Dolby Pro Logic, Stadium, simulated-stereo, and 2 Hall modes. 75 W x 2 (front) + 55 x 3 (center, rear). 12 audio inputs; switchable phono/

line-level input; S-video terminals; composite-video on-screen-display output; front-panel A/V input; system bus connection; outputs for 2 front speaker pairs. Features 5 discrete amplifiers; Star circuitry. Multi-room capability; variable rear-channel time delay; A/V record selector; FM tuning in 25,000-Hz steps; 20 AM/FM presets; defeatable bass and treble controls; loudness switch; A/B speaker selector; sleep timer; on-screen displays; remote control\$1,749

MAGNAVOX

The following receivers are available only as part of a Home Audio Theatre Ensemble package that includes five speakers.

MX951AHT 260-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo, simulated-stereo, Hall, Stadium, and Theater modes. 100 W x 2 (front) + 40 x 1 (center) + 20 x 1 (rear). 6 audio inputs; 2 audio outputs; 3 video inputs; 2 video outputs; front-panel A/V input; screw-down terminals for two front speaker pairs. Packaged with two 3-way shielded front speakers, one shielded 2-way center-channel speaker, and two surround speakers. Features digital-synthesis tuner. Remote-selectable normal, wide, and phantom center-channel modes; surround input-balance, delay, and rear-level controls; auto input balance; independent audio and video source selection; 30 AM/FM presets with scan; FM muting; auto-search or manual tuning; video dubbing; bass, treble, balance, mute, and loudness controls; electronic turn-on and source selection; sleep timer; A/B speaker switching; A/V remote control. FM: S/N 76 dB mono, 68 dB stereo; THD 0.2% mono, 0.4% stereo. 17 1/2 x 5 1/2 x 11 1/2 in; 17.6 lb\$600

MX931AHT 120-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo, simulated-stereo, Hall, Stadium, and Theater modes. 50 W x 2 (front) + 10 x 1 (center) + 10 x 1 (rear). 4 audio inputs; 2 audio outputs; video input/output. Packaged with two 2-way shielded front speakers, one shielded 2-way center-channel speaker, and two surround speakers. Features digital-synthesis AM/FM tuner. Remote-selectable normal, wide, and phantom center-channel modes; surround input-balance, delay, and rear-level controls; auto input balance; 30 AM/FM presets with scan; FM muting; auto-search or manual tuning; independent audio and video source selection; bass, treble, balance, mute, and loudness controls; electronic turn-on and source selection; sleep timer; A/V remote controls. FM: S/N 60 dB mono, 54 dB stereo; THD 0.2% mono; 0.4% stereo. Receiver 17 1/2 x 5 1/2 x 11 1/2 in; 17.6 lb\$500

MARANTZ

SR-92 MkII 365-W A/V Receiver

5 channels; Dolby Pro Logic. 110 W x 2 (front) from 20-20,000 Hz with 0.09% THD + 75 x 1 (center) + 35 x 2 (rear), all into 8 ohms. Composite- and S-video inputs and outputs; phono input; pre-out/main-in loop for each channel; front-panel A/V input; outputs for 2 front speaker pairs; line-level subwoofer output. 2-zone multiroom capability; test-tone generator; 30 AM/FM presets with 5-character naming; wide/narrow tuner IF selection; programmable and basic-function remote controls. 2nd-zone multiroom kit with infrared receiver and remote control optional. Amp: S/N 94 dB phono, 104 dB line. FM: cap ratio 1 dB; alt-ch sel 70 dB narrow; S/N 68 dB stereo; THD 0.5% stereo; ch sep 45 dB at 1,000 Hz. 16 1/2 x 6 1/2 x 16 1/2 in; 34 lb\$1,149

SR-82 MkII 295-W A/V Receiver

5 channels; Dolby Pro Logic. 75 W x 2 (front) rms from 20-20,000 Hz with 0.09% THD + 75 x 1 (center) + 35 x 2 (rear), all into 8 ohms. Phono input; line-level subwoofer output; pre-out/main-in loop for each channel. Features 12-dB/oct subwoofer crossover at 70 Hz. 2-zone multiroom capability; adjustable delay; 30 AM/FM presets with 5-character naming; selectable wide/narrow tuner IF and noise reduction; clock/timer; programmable and basic-function remote controls. 2nd-zone multiroom kit with in-

Once you decide which models interest you, the Directory of Manufacturers at the back of the Buyer's Guide will tell you where to write or call to get product literature and local dealer information.

frared receiver and remote control optional. Amp: S/N 94 dB phono, 104 dB line. FM: cap ratio 1 dB; alt-ch sel 70 dB narrow; S/N 68 dB stereo; THD 0.5% stereo; ch sep 45 dB at 1,000 Hz. 16 1/2 x 5 1/4 x 15 in; 34 lb \$899

SR-73 295-W A/V Receiver

5 channels; Dolby Pro Logic. 75 x 2 (front) rms from 20-20,000 Hz with 0.09% THD + 75 x 1 (center) + 35 x 2 (rear), all into 8 ohms. 4 audio and 3 video inputs; line-level outputs for each channel. Features motor-driven master volume control. Adjustable digital delay; auto input balance; remote-controllable test-tone generator; video dubbing capability; 5 user signal-processing presets; bass, treble, and bass-EQ controls; programmable remote control. Amp: S/N 94 dB phono, 104 dB line. FM: cap ratio 1 dB; alt-ch sel 70 dB; S/N 72 dB stereo; THD 0.5% stereo; ch sep 45 dB. 16 1/2 x 5 1/4 x 13 1/2 in; 34 lb \$699

SR-66 175-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo, and Hall modes. 50 W x 3 (front, center) into 8 ohms + 25 x 1 (rear) or 75 x 2 into 8 ohms from 20-20,000 Hz with 0.09% THD. 5 audio and 2 video inputs. Features digital delay. Video switching; 30 AM/FM presets; system remote control. Amp: S/N 80 dB phono, 90 dB line. FM: cap ratio 1 dB; alt-ch sel 65 dB; S/N 75 dB stereo; THD 0.5% stereo; ch sep 45 dB. 16 1/2 x 5 1/4 x 14 1/4 in \$400

SR-63 70-W/ch Receiver

2 channels. 70 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD or 170 x 2 into 2 ohms. Phono input; RC-5 system remote-control jacks; AC outlets. Features discrete power-output transistors; motor-driven volume control. Video switching; 30 AM/FM presets with battery-free memory backup; bass, treble, and bass-EQ controls; system remote control. Amp: S/N 80 dB phono, 90 dB line. FM: cap ratio 1 dB; alt-ch sel 65 dB; S/N 75 dB stereo; THD 0.5% stereo; ch sep 45 dB. 16 1/2 x 5 1/4 x 14 1/4 in \$399

SR-45 40-W/ch Receiver

2 channels. 40 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD. Phono input; RC-5 system remote-control jacks; AC outlets. Features discrete power-output transistors; motor-driven volume control. 30 AM/FM presets with battery-free memory backup; bass, treble, and bass-EQ controls; system remote control. Amp: S/N 80 dB phono, 90 dB line. FM: cap ratio 1 dB; alt-ch sel 65 dB; S/N 75 dB stereo; THD 0.5% stereo; ch sep 45 dB. 16 1/2 x 5 1/4 x 14 1/4 in \$330

Slim Series

SR-1020 45-W/ch Receiver

2 channels. One of three Slim Series components, featuring compact chassis and hinged titanium faceplates that conceal all controls. 45 W x 2 into 8 ohms with 0.05% THD or 60 x 2 into 4 ohms with 0.2% THD, both rms from 20-20,000 Hz. 6 inputs including phono, tape, and digital tape; banana-plug outputs. Auto/manual tuning; 30 AM/FM presets with 2-speed scan; station naming; clock with timer; sleep function for all Slim Series components; Slim Series system remote control. Amp: S/N 73 dBA phono, 90 dBA line. FM: 50-dB quieting sens 39.2 dB stereo; cap ratio 1 dB; alt-ch sel 60 dB; S/N 75 dB stereo; THD 0.5% stereo at 1,000 Hz; ch sep 45 dB. 16 1/2 x 3 x 12 1/2 in; 13.2 lb \$499

NAD

NAD's Power Envelope circuitry is said to increase dynamic headroom; Soft Clipping circuitry is said to prevent speaker-damaging distortion.

AV-716 205-W A/V Receiver

5 channels; Dolby Pro Logic and Hall modes. 55 W x 3 (front, center) + 20 x 2 (rear), 80 x 2 cont avg into 8 ohms, or 115 x 2 cont avg into 4 ohms. 4 audio inputs including phono; 3 video inputs; 2 video outputs. Features all discrete components for output stages. Multiroom source control; groups; adjustable delay time; pink-noise generator; record-out selector; direct station access; 40 AM/FM presets with 6 groups; non-volatile memory for surround-mode settings; display of relative volume settings; remote control. Amp: FR 20-30,000 Hz \pm 1 dB; THD 0.08% at rated power; S/N 80 dB phono; 100 dB line. FM: S/N 73 dB mono, 67 dB stereo; THD 0.15% mono, 0.25% stereo \$749

Model 705 40-W/ch Receiver

2 channels. 40 W x 2 cont avg into 8 ohms with 0.03% THD. 7 line-level inputs; 2 tape-monitor loops; buffered multiroom output; 5-way binding posts. Features Power Envelope and Soft Clipping circuitries; dual-gate MOSFET PLL tuner; infrasonic filtering in phono stage; IF-count circuitry. 39 AM/FM presets; dual-resolution manual and auto-seek tuning; independent listen/record capability; loudness and tone controls; A/B speaker switching; remote control. Amp: S/N 76 dB phono, 90 dB line. FM: 50-dB quieting sens 35 dB stereo \$499

Model 701 25-W/ch Receiver

2 channels. 25 W x 2. Features Power Envelope and Soft Clipping circuitries. NAD-link input for multiroom applications; switchable phono/line input. 20 AM/FM presets; remote control \$349

NAKAMICHI

AV-1 310-W A/V Receiver

5 channels; Dolby Pro Logic. 100 W x 2 (front) + 50 x 1 (center) + 30 x 2 (rear) into 8 ohms with 0.1% THD. A/V inputs and outputs; video connectors including S-video; pre-out/main-in loops; mono line-level output. Features motor-driven volume control. Spatial-mode, delay-time, balance, center-level, rear-level, and tone controls; direct station access; 30 AM/FM presets; speaker selector; programmable remote control. Amp: FR 10-70,000 Hz -3 dB; S/N 78 dB. FM: 50-dB quieting sens 37.5 dB stereo; S/N 70 dB; THD 0.3%. 17 x 5 1/2 x 14 in; 31 lb \$1,200

AV-2. As above, 70 W x 2 (front) + 35 x 1 (center) + 20 x 2 (rear) into 8 ohms with 0.1% THD. No S-video connectors. Nonprogrammable remote control \$850

AV-1RC. Programmable remote control for AV-1 or AV-2 \$150

RE-1 80-W/ch Receiver

2 channels. 80 W x 2 into 8 ohms. Pre-out/main-in loops; 3 video inputs; 2 video outputs; speaker terminals; A/V inputs and outputs; AC outlet. Features Harmonic Time Alignment amplifier circuitry to keep amplifier distortion components aligned with musical waveform; isolated-ground topology; multiregulated power supply; video buffer amp; PLL tuner with dual-gate MOSFET; ceramic-resonator MPX section; protection circuitry; isolation buffer at output. Multiroom capability; 10 AM/FM presets; A/B speaker switching; auto seek/manual tuning; loudness control; defeatable gain control; tone control; muting; signal-strength meter; monitor/record-out selectors; FL display; remote control. Amp: FR 20-20,000 Hz -0.5 dB; THD 0.008%; S/N 78 dB. FM: 50-dB quieting sens 37.5 dB stereo; cap ratio 2 dB. 16 x 3 x 14 in; 26 lb \$900

RE-2. As above, 55 W x 2 into 8 ohms. No video inputs/outputs. 20 lb \$650

RE-3 37-W/ch Receiver

2 channels. 37 W x 2 into 8 ohms. Pre-out/main-in loops. Features isolated-ground topology; multiply regulated power supply; PLL tuner with dual-gate MOSFET; protection circuitry. 10 AM/FM station pre-

sets; auto seek/manual tuning; tone controls; FL display; volume control; remote control. Amp: FR 20-20,000 Hz -0.5 dB; THD 0.01%; S/N 98 dB. FM: 50-dB quieting sens 38.5 dB stereo; cap ratio 2 dB. 16 x 3 x 10 in; 13 lb \$430

ONKYO

The following feature a motor-driven volume control.

TX-SV919THX 420-W THX Receiver

5 channels; digital Dolby Pro Logic, THX decoder, 8 surround modes. 100 W x 3 (front, center) + 60 x 2 (rear) or 110 x 2, all rms into 8 ohms. 10 audio and 6 video inputs including 6 S-video inputs; line-level outputs for each channel and multiple sources; mono subwoofer output; fiber-optic digital input; front-panel A/V input. Features bypassable subwoofer crossover. 8-mode digital sound-field processing; separate front and center tone controls; auto input balance; adjustable digital delay; 40 AM/FM presets with battery-free backup; 6 preset groups with scan; direct station access; A/B speaker switching; sleep timer; on-screen displays with cursor control; RI-system programmable remote control; basic-function remote control \$1,996

TX-SV727 300-W A/V Receiver

5 channels; Dolby Pro Logic, Hall, Matrix, and 5 DSP modes. 30 W x 3 rms (front, center) + 30 x 2 (rear) or 100 x 2 rms. 6 audio and 4 video inputs; line-level front, center-channel, rear, and subwoofer outputs; 5-way binding posts; headphone jack. Features Motorola 24-bit DSP. Xantech-compatible multiroom/multisource capability; adjustable digital delay; 40 AM/FM presets; 6 preset groups; direct station access; FM-mute and tuning-level switches; timer; on-screen displays with cursor control; RI-system compatibility; programmable remote control. Amp: FR 20-20,000 Hz; THD 0.08%. FM: THD 0.1% mono. 18 x 6 1/4 x 15 1/2 in; 30.6 lb \$749

TX-SV525 300-W A/V Receiver

5 channels; Dolby Pro Logic, Hall, 5 DSP modes. 60 W x 5 (front, center, rear) rms or 80 x 2 rms. 7 audio and 3 video inputs; line-level center-channel output; 5-way binding posts; headphone jack. Features Motorola 24-bit DSP processing. Xantech-compatible multiroom/multisource control; adjustable digital delay; 40 AM/FM presets; 6 preset groups; FM-mute and tuning-level switches; sleep timer; Onkyo RI-system compatibility; programmable remote control. Amp: FR 20-20,000 Hz; THD 0.08%. FM: THD 0.15% mono. 18 x 6 1/4 x 15 1/2 in; 29.8 lb \$510

TX-SV414PRO 180-W A/V Receiver

5 channels; Dolby Pro Logic. 50 W x 3 (front, center) rms + 15 x 2 (rear) rms or 60 x 2 rms into 8 ohms. 6 audio and 2 video inputs; line-level subwoofer output. Adjustable digital delay; 40 AM/FM presets with battery-free backup; direct station access; 6 preset groups with scan; record-out selector; A/B speaker switching; sleep timer; Onkyo RI-system remote control \$410

TX-V940 100-W/ch Receiver

2 channels. 100 W x 2 rms into 8 ohms. 6 audio and 2 video inputs. A/V switching; 40 AM/FM presets with battery-free backup; 6 preset groups with scan; direct station access; FM mute switch; loudness control; sleep timer; RI-system remote control \$340

TX-910 45-W/ch Receiver

2 channels. 45 W x 2 rms into 8 ohms or 105 x 2 max into 3 ohms. 6 audio inputs; outputs for 2 speaker pairs. Features auto tuner reception-optimization system. Logic-controlled keys; 40 AM/FM station presets with battery-free backup; 6 preset groups; direct station access; FM mute switch; loudness control; FL display. Amp: FR 40-20,000 Hz; THD 0.3%. FM: THD 0.15% mono. 18 x 4 1/4 x 12 1/2 in; 16.1 lb \$245

OPTIMUS BY RADIO SHACK

STAV-3470 440-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo, Studio,



NAD AV-716 A/V receiver

RECEIVERS

Simulated Surround, and Arena modes. 110 W x 4 (front, center, rear) or 150 x 2 rms into 8 ohms from 20-20,000 Hz. Inputs for 4 line-level sources; phono input; video output; line-level center-channel output; switched AC outlet. Features motor-driven volume control. Auto source control to engage either of 2 sources with one touch; switchable bass boost; 30 AM/FM presets; jog-dial tuning; programmable remote control\$500

STAV-3370 400-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo, Studio, and Simulated Surround modes. 100 W x 4 (front, center, rear) or 110 x 2 rms into 8 ohms from 20-20,000 Hz. Inputs for 4 line-level sources; phono input; video output; line-level center-channel output; switched AC outlet. Features motor-driven volume control. 30 AM/FM presets; jog dial tuning; bass boost; bass, treble, and balance controls; sleep timer; remote control\$350

STAV-3350 220-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, Theater, Concert Hall, and Simulated Surround modes. 60 W x 3 (front) + 20 x 2 (rear) or 100 x 2 rms into 8 ohms from 20-20,000 Hz with 0.09% THD. 5 audio inputs; phono input; video and line-level center-channel outputs. Features motor-driven volume control. Simulated-stereo mode for mono sources; adjustable digital delay; 30 AM/FM presets with scan; bass boost; bass, treble, and balance controls; sleep timer; multi-room-capable system remote control\$300

STA-3190 100-W/ch Receiver

2 channels. 100 W x 2 rms into 8 ohms from 40-20,000 Hz with 0.8% THD. 4 audio inputs; phono input; outputs for 2 speaker pairs. Features motor-driven volume control. 30 AM/FM presets with scan; bass boost; bass, treble, and balance con-

trols; sleep timer; remote control\$250

STA-3180 70-W/ch Receiver

2 channels. 70 W x 2 rms into 8 ohms from 40-20,000 Hz with 0.8% THD. 4 audio inputs; phono input; outputs for 2 speaker pairs. Features motor-driven volume control. 30 AM/FM presets with scan; bass boost; bass, treble, and balance controls; sleep timer; system remote control\$220

STA-795 50-W/ch Receiver

2 channels. 50 W x 2 rms into 8 ohms from 40-20,000 Hz with 0.5% THD. 3 audio inputs; phono input. 6 AM/12 FM presets; auto FM muting; bass and treble controls; loudness switch; tape-monitor controls; 5-segment LED power meter\$180

STA-300 15-W/ch Receiver

2 channels. 15 W x 2 rms into 8 ohms from 40-20,000 Hz with 0.5% THD. 2 audio inputs; phono input. 6 AM/12 FM presets; bass and treble controls; loudness button; LCD\$140

STA-20 5-W/ch Receiver

2 channels. 5 W x 2 rms into 8 ohms from 40-20,000 Hz with 0.9% THD. Phono and AUX inputs; mini-plug input. Designed for portable sources and mini speakers. Features EO circuit\$100

PHILIPS

The following feature a bus system that enables all 900 Series components to communicate with one another, 30 AM/FM presets with naming, direct station access, a sleep timer, and an alphanumeric display.

FR951 215-W A/V Receiver

4 channels; Dolby Pro Logic. 65 W x 3 (front, center) + 20 x 1 (rear) or 100 x 2, all into 8 ohms. 6 audio and

3 video inputs; 3 audio and 2 video outputs; 2 digital inputs; 1 digital output; line-level center-channel output. Variable digital delay; auto input balance; 6 DSP sound effects; 3-band acoustic EQ with 7 presets; unified remote control. Amp: FR 20-20,000 Hz; THD 0.09%; S/N 88 dB. FM: THD 0.4%; S/N 68 dB. 17 1/2 x 4 1/2 x 11 1/2 in; 17.6 lb\$450

FR931 120-W A/V Receiver

4 channels; Dolby Pro Logic. 50 W x 2 (front) + 10 x 2 (center, rear), all into 8 ohms. 4 audio inputs and 1 video input; 2 audio outputs and 1 video output. 6 DSP sound effects; auto input balance; cursor controls; unified remote control. Amp: FR 40-20,000 Hz; THD 0.3%; S/N 85 dB. FM: THD 0.4%; S/N 54 dB. 17 1/2 x 4 1/2 x 11 1/2 in; 17.6 lb\$330

FR911 50-W/ch Receiver

2 channels. 50 W x 2 into 8 ohms. 4 audio inputs; 2 audio outputs. Amp: FR 40-20,000 Hz; THD 0.3%; S/N 80 dB. FM: THD 0.45%; S/N 65 dB. 17 1/2 x 4 1/2 x 11 1/2 in; 12.7 lb\$220

**Prices given are the
manufacturers'
suggested retail prices.
Actual selling prices may
vary and can change
without notice.**

 DOLBY SURROUND
AC-3 PRO LOGIC

 TEEX



RECEIVERS

PIONEER

Elite VSX-99 500-W AC-3 Receiver

5 channels; Dolby Surround AC-3, Dolby Pro Logic, Jazz, Dance, Hall, and Simulated Surround modes. 100 W x 5 (front, center, 2 rear) at 1,000 Hz or 130 x 2 cont avg from 20-20,000 Hz with 0.05% THD, both into 8 ohms. 5 audio inputs; 5 video inputs; 2 S-video inputs; 2 S-video outputs; line-level center-channel and subwoofer outputs; 2 center-channel outputs; front-panel A/V input; 2nd-zone line-level output; banana-plug speaker outputs. Features discrete amplifiers for each channel; source-direct mode; motor-driven volume control; pure-line circuit. Icon-based graphic interface controlling all system components; multi-room/multisource control; video-signal selector; sound-field parameter control; variable bass enhancer; tone control; remote control. Lacquered wood side panels. 16% x 6 1/2 x 16 1/4 in \$2,100

VSX-D3S 500-W A/V Receiver

5 channels; Dolby Surround AC-3, Dolby Pro Logic, Jazz, Dance, Hall, and Simulated Surround modes. 100 W x 5 (front, center, 2 rear) at 1,000 Hz or 130 x 2 cont avg from 20-20,000 Hz with 0.05% THD, both into 8 ohms. 5 audio inputs; 5 video inputs; 2 S-video inputs; 2 S-video outputs; line-level center-channel and subwoofer outputs; 2 center-channel outputs; front-panel A/V input. Features discrete amplifiers for each channel; source-direct mode; motor-driven volume control. Icon-based graphic interface controlling all system components; video-signal selector; sound-field parameter control; bass enhancer; tone control; remote control. 16% x 6 1/2 x 16 1/4 in \$1,925

VSX-D903S 400-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo, Jazz, Dance, Hall, and Simulated Surround modes. 100 W x 3 (front, center) into 8 ohms at 1,000 Hz with 0.8%

THD + 100 x 1 (rear) into 4 ohms at 1,000 Hz with 0.8% THD or 130 x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.05% THD. 5 audio and 5 video inputs; 2 S-video inputs; 2 S-video outputs; 2 center-channel outputs; line-level center-channel output; front-panel A/V input. Features source-direct mode; motor-driven volume control. On-screen icon-based graphic interface including control of PD-F100 100-disc CD changer and other Pioneer components; sound-field parameter control; tuner presets with labeling and 5 classification groups; tone controls; programmable A/V remote control. 16% x 6 1/2 x 16 1/4 in \$1,200

Elite VSX-79 520-W A/V Receiver

4 channels; Dolby Pro Logic, Jazz, Dance, Hall, Pro Logic Theater, and Simulated Surround modes. 130 W x 4 (front, center, rear) at 1,000 Hz or 165 x 2 cont avg from 20-20,000 Hz with 0.05% THD, both into 8 ohms. 5 audio inputs; 5 video inputs; 2 S-video inputs; 2 S-video outputs; line-level center-channel and subwoofer outputs; 2 center-channel outputs; front-panel A/V input; 2nd-zone line-level output; banana-plug speaker outputs. Features discrete amplifiers for each channel; source-direct mode; motor-driven volume control; pure-line circuit. Icon-based graphic interface controlling all system components; multiroom/multisource control; video-signal selector; sound-field parameter control; bass enhancer; tone control; remote control. Lacquered finish. 16% x 6 1/2 x 16 1/4 in \$1,100

VSX-D704S 520-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo, Jazz, Dance, Hall, Pro Logic Theater, and Simulated Surround modes. 130 W x 4 (front, center, rear) at 1,000 Hz or 165 x 2 cont avg from 20-20,000 Hz with 0.05% THD, both into 8 ohms. 5 audio inputs; 5 video inputs; line-level center-channel and subwoofer outputs; 2



Pioneer Elite VSX-79 A/V receiver

center-channel outputs; front-panel A/V input. Features discrete amplifiers for each channel; source-direct mode; motor-driven volume control. Icon-based graphic interface controlling all system components; video-signal selector; sound-field parameter control; bass enhancer; tone control; remote control. 16% x 6 1/2 x 16 1/4 in \$980

Elite VSX-59 480-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo, Jazz, Dance, Hall, Studio, Simulated Surround, and Arena modes. 120 W x 4 (front, center, rear) at 1,000 Hz or 150 x 2 cont avg from 20-20,000 Hz with 0.09% THD, both into 8 ohms. 4 audio inputs; 3 video inputs; line-level center-channel and subwoofer outputs; front-panel A/V input. Features discrete amplifiers for each channel; motor-driven volume control. Icon-based graphic interface controlling all system components; multiroom control; bass enhancer; tone control; remote control. Lacquered finish. 16% x 6 1/2 x 16 1/4 in \$765

VSX-49. As above, 100 W x 4 (front, center, rear) at 1,000 Hz or 110 x 2 cont avg from 20-20,000 Hz with 0.09% THD, both into 8 ohms. 2 video inputs. No Jazz, Dance, or Hall modes. No front-panel A/V input. 16% x 6 1/2 x 11 1/4 in \$550

THE MOMENT OF TRUTH

You can feel it in your system the moment you turn your Denon Home Theater on. The experience of lifelike soundscapes reproduced by Denon's Surround Sound through discrete Dolby® AC-3 and Pro Logic, Lucasfilm's THX™ and Denon's DDCS circuitry. This is what sets Denon's Home Theater components apart from the rest.

Denon Advanced Home Theater. The difference between watching and being there.

DENON

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RECEIVERS

VSX-604S 440-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo, Simulated Surround, Studio Surround, and Arena modes. 110 W x 4 (front, center, rear) at 1,000 Hz or 150 x 2 cont avg from 20-20,000 Hz with 0.09% THD, both into 8 ohms. 4 audio inputs; 3 video inputs; line-level center-channel and subwoofer outputs; front-panel A/V input. Features discrete amplifiers for each channel; motor-driven volume control. Icon-based graphic interface controlling system components; bass enhancer; tone control; remote control. 16% x 6% x 11% in \$625

VSX-504S 440-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo, Simulated Surround, Studio Surround, and Arena modes. 110 W x 4 (front, center, rear) at 1,000 Hz or 150 x 2 cont avg from 20-20,000 Hz with 0.09% THD, both into 8 ohms. 4 audio inputs; 2 video inputs; line-level center-channel and subwoofer outputs. Features discrete amplifiers for each channel; motor-driven volume control. Auto source control; bass enhancer; tone control; remote control. 16% x 6% x 11% in \$500
VSX-454. As above, 100 W x 4 (front, center, rear) at 1,000 Hz or 110 x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.09% THD, both into 8 ohms. No Arena mode or auto source control. 16% x 6% x 11% in \$375

VSX-453 220-W A/V Receiver

4 channels; Dolby Pro Logic, Studio Surround, and Simulated Surround modes. 60 W x 3 (front, center) into 8 ohms at 1,000 Hz with 0.8% THD + 40 x 1 (rear) into 4 ohms at 1,000 Hz with 0.8% THD or 100 x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.09% THD. 4 audio and 2 video inputs; line-level center-channel output. Features motor-driven volume control. Tone controls; A/V system remote control. 16% x 5% x 13% in \$375
VSX-403. As above, 45 W x 3 (front, center) into 8 ohms at 1,000 Hz with 0.8% THD + 40 x 1 (rear) into 4 ohms at 1,000 Hz with 0.8% THD or 65 x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.09% THD \$345

SX-303R 100-W/ch Receiver

2 channels. 100 W x 2 cont avg into 8 ohms from 40-20,000 Hz with 0.9% THD. 6 inputs including phono and 2 tape. Features motor-driven volume control. Direct station access; tone controls; remote control. 16% x 5% x 11% in \$285
SX-253R. As above, 70 W x 2 cont avg into 8 ohms from 40-20,000 Hz with 0.9% THD \$260
SX-203. As SX-253R, no motor-driven volume control or remote control \$225

RCA

RV3793 200-W A/V Receiver

5 channels; Dolby Pro Logic, Hall, Dolby 3 Stereo. 50 W x 3 (front, center) + 25 x 2 (rear), all rms into 8 ohms. Subwoofer output; 5 audio and 3 video inputs; headphone jack. DSS ready with input and remote controls for RCA DSS receiver. Features PLL digital tuning. Normal, wide, and phantom center-channel modes; 30 AM/FM presets with memory backup; bass and treble controls; center- and rear-channel

level indicators; vacuum FL display; programmable A/V remote control. 16% x 4% x 13 in; 25.5 lb ... \$499
RV3693. As above, 40 W x 3 (front, center) + 20 x 2 (rear), all rms into 8 ohms \$399

ROTEL

RX-950AX 50-W/ch Receiver

2 channels. 50 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. 4 inputs including phono; pre-out/main-in loops; main/remote speaker terminals; processor loop; 2 video inputs; video-dubbing capable; 2 switched AC outlets; headphone jack. Features motor-driven volume control. 16 AM/FM presets; tone defeat; remote control. Amp: FR 20-20,000 Hz -1 dB; S/N 100 dB. FM: 50-dB quieting sens 37.2 dB stereo; cap ratio 1 dB; alt-ch sel 63 dB; S/N 75 dB stereo; THD 0.25% stereo. 17% x 4% x 13 in ... \$600

SHERWOOD

RV-7050R 300-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo; DSP. 80 W x 3 (front, center) + 60 x 1 (rear) or 110 x 2 with 0.5% THD. 5 audio and 3 video inputs; front-panel A/V input; line-level outputs for each channel; video-monitor output; headphone jack. Features discrete amplifier stage; motor-driven volume control. Multiroom capability; 5 DSP modes; adjustable digital delay; center- and rear-channel level controls; auto input balance; test-tone generator; 30 AM/FM presets with scan; tone/EQ and bass/treble controls; sleep timer; alphanumeric FL display; unified remote control \$599
RV-5050R. As above, 70 W x 3 (front, center) + 25 x 1 (rear) or 90 x 2 with 0.5% THD. No DSP \$499

RV-4050R 170-W A/V Receiver

4 channels. Dolby Pro Logic, Dolby 3 Stereo. 50 W x 3 (front, center) + 20 x 1 (rear) or 60 x 2 with 0.5% THD. 4 audio and 2 video inputs; front-panel A/V input; video-monitor output; headphone jack. Features discrete amplifier stage. Auto input balance; remote center- and rear-channel level control; test-tone generator; 30 AM/FM presets with scan; tone/EQ and bass/treble controls; sleep timer; alphanumeric FL display; unified remote control \$399

RX-2050R 45-W/ch Receiver

2 channels. 45 W x 2 with 0.5% THD. 4 audio inputs; headphone jack. Features discrete amplifier stage; motor-driven volume control. Matrix surround; 30 AM/FM presets with scan; tone/EQ and bass/treble controls; sleep timer; alphanumeric FL display; unified remote control \$299

SONY

STR-G3 400-W A/V Receiver

5 channels; Dolby Pro Logic, Hall, Theater, Game, Acoustic, and Stadium modes; DSP. 100 W x 3 (front, center) into 8 ohms at 1,000 Hz with 0.3% THD + 50 x 2 (rear) into 8 ohms at 1,000 Hz with 0.8% THD or 110 x 2 into 4/8 ohms from 20-20,000 Hz with 0.3% THD. Inputs for 8 line-level sources; phono input; subwoofer output; speaker binding posts; 75-ohm coaxial antenna input; headphone jack; 2 AC outlets. Features discrete output transistors for front and center channels; complementary push-pull output stage for front and center channels using 2 transistors per channel; separate power transformers for audio and FL display; frequency-synthesis AM/FM tuner. Icon-based on-screen displays and interface with programmed control for Sony components and programmability for non-Sony components; auto input balance; test-tone generator; delay variable from 10-30 ms; center- and rear-channel level controls; sound-field linking to each source and tuner preset; 4/8-ohm impedance switch; 8-character input and tuner-preset naming; 30 AM/FM presets; auto scan tuning; 4-character user preset naming; tape monitoring; user input naming for display; electronic bass and treble controls; bass boost; -15-dB mute switch; A/B speaker switching; controls for Sony 100-disc changer; dot-matrix FL display; one-button point-and-click remote control. Amp: FR 10-50,000 Hz ±1 dB line; S/N 75 dB phono or line. FM: 50-dB quieting

sens 18.3 dB mono, 38.3 dB stereo; cap ratio 1.2 dB; S/N 80 dB mono, 74 dB stereo. 17 x 5% x 14% in; 23.4 lb \$1,000

STR-D1015 325-W A/V Receiver

4 channels; Dolby Pro Logic, Hall, Live, Dance, Theater, and Acoustic modes; DSP. 100 W x 3 (front, center) into 8 ohms at 1,000 Hz with 0.8% THD + 25 x 1 (rear) into 8 ohms at 1,000 Hz with 0.8% THD or 120 x 2 into 4/8 ohms from 20-20,000 Hz with 0.15% THD. Inputs for 9 line-level sources; 75-ohm coaxial antenna input; speaker binding posts. Features discrete output transistors for front and center channels; parallel complementary push-pull output stage for front and center channels with 4 transistors per channel; separate power transformers for audio and display; frequency-synthesis AM/FM tuning. DSP sound-field linking to each input source and tuner preset; auto input balance; test-tone generator; variable delay time; center- and rear-channel level controls; 30 AM/FM presets; 4-character user tuner-preset naming; tape monitoring; user naming for each input; electronic bass and treble controls; bass boost; mute switch; 4/8-ohm impedance switch; programmable A/V remote control. Amp: FR 10-50,000 Hz ±1 dB; S/N 75 dB phono, 82 dB line. FM: 50-dB quieting sens 18.3 dB mono, 38.3 dB stereo; cap ratio 1.2 dB; S/N 80 dB mono, 74 dB stereo. 17 x 6% x 16% in; 29.6 lb \$700

STR-D965 400-W A/V Receiver

5 channels; Dolby Pro Logic, Hall, Theater, Game, Stadium, and Acoustic modes; DSP. 100 W x 3 (front, center) into 8 ohms at 1,000 Hz with 0.3% THD + 50 x 2 (rear) into 8 ohms at 1,000 Hz with 0.8% THD or 110 x 2 into 4/8 ohms from 20-20,000 Hz with 0.3% THD. Inputs for 9 line-level sources; phono input; headphone jack. Features discrete output transistors for front and center channels; separate power transformers for audio and display; frequency-synthesis AM/FM tuner; motor-driven volume control. DSP sound-field linking to input sources and tuner presets; auto input balance; test-tone generator; variable delay time; center- and rear-channel level controls; user naming of each input for display; tape monitoring; 30 AM/FM presets; 4-character user naming for each tuner preset; electronic bass and treble controls; bass boost; mute switch; sleep timer; A/B speaker switching; FL display; programmable A/V remote control. Amp: FR 10-50,000 Hz ±1 dB line; S/N 75 dB phono or line. FM: 50-dB quieting sens 18.3 dB mono, 38.3 dB stereo; cap ratio 1.2 dB; S/N 80 dB mono, 74 dB stereo. 17 x 5% x 14% in; 22.4 lb \$550

STR-D865 350-W A/V Receiver

5 channels; Dolby Pro Logic, Hall, Theater, Game, Stadium, and Acoustic modes; DSP. 100 W x 3 (front, center) into 8 ohms at 1,000 Hz with 0.3% THD + 25 x 2 (rear) into 8 ohms at 1,000 Hz with 0.8% THD or 100 x 2 into 8 ohms from 40-20,000 Hz with 0.3% THD. Inputs for 8 line-level sources; phono input; subwoofer output; headphone jack; 2 AC outlets. Features discrete output transistors for front and center channels; separate power transformers for audio and display; motor-driven volume control; frequency-synthesis AM/FM tuner. DSP sound-field linking to each source and tuner preset; auto input balance; test-tone generator; variable delay time; center- and rear-channel level controls; 30 AM/FM presets; direct station access; user 4-character tuner-preset naming; tape monitoring; user input naming for display; electronic bass and treble controls; bass boost; mute switch; A/B speaker switching; sleep timer; dot-matrix FL display; A/V remote control. Amp: FR 10-50,000 Hz ±1 dB line; S/N 75 dB phono or line. FM: 50-dB quieting sens 18.3 dB mono, 38.3 dB stereo; cap ratio 1.2 dB; S/N 80 dB mono, 74 dB stereo. 17 x 5% x 14% in; 21.4 lb \$450

STR-D665 330-W A/V Receiver

4 channels; Dolby Pro Logic, Hall, and Stadium modes. 100 W x 3 (front, center) + 30 x 1 (rear), all into 8 ohms at 1,000 Hz with 0.8% THD or 100 x 2 into 8 ohms from 40-20,000 Hz with 0.8% THD. Inputs for 5 line-level sources; phono input; subwoofer output;

Dumbfounded by the different Dolbys? Unsure if you're going D/A or A/D? The Glossary at the back of the Buyer's Guide will help you sort out DSS and DSP from THX and THD.

AT LEAST YOU AGREE ON THE BEST HOME THEATER RECEIVER

From our value packed new TX-SV424 up to our breakthrough THX model TX-SV919, ONKYO has written the perfect home theater script, one with award-winning performances for both design and technology.

In the first few seconds of the movie you'll hear the ONKYO difference. Differences that only oversized transformers and discrete output stages can deliver. Differences that a low ONKYO receivers to supply the power hungry demands of today's special effects laden soundtracks. Whether you're listening to whispers or weapons.

And as the movie develops, you'll find yourself in a multi-dimensional sound-field directly inside the on-screen action. That's because ONKYO utilizes the most advanced DSP technology, like the latest 24 Bit Microprocessor from Motorola, capable of taking the director's vision and making it yours.

Simply put, with an ONKYO home theater receiver, movies stop being enjoyable—and become memorable.

So while you may not always agree on what to watch, with ONKYO there's simply no argument.



ONKYO

ONKYO USA CORPORATION
200 Williams Drive, Ramsey, NJ 07446
201-825-7950
E-Mail ONKYO @ NIS.NET



headphone jack; AC outlet. Features discrete output transistors for front and center channels; separate power transformers for audio and display; motor-driven volume control; frequency-synthesis AM/FM tuning. Auto input balance; test-tone generator; variable delay from 10-30 ms; center- and rear-channel level controls; 30 AM/FM presets; auto scan tuning; direct station access; bass boost; -15-dB mute switch; A/B speaker switching; FL display; A/V remote control. Amp: FR 10-50,000 Hz ± 1 dB; S/N 75 dB phono or line. FM: 50-dB quieting sens 18.3 dBf mono, 38.3 dBf stereo; cap ratio 1.2 dB; S/N 80 dB mono, 74 dB stereo. 17 x 5 1/2 x 11 1/2 in; 16 lb\$350

STR-D565 170-W A/V Receiver

4 channels; Dolby Pro Logic, Hall, and Stadium modes. 50 W x 3 (front, center) + 20 x 1 (rear), all into 8 ohms at 1,000 Hz with 0.8% THD or 70 x 2 into 8 ohms from 40-20,000 Hz with 0.8% THD. Inputs for 5 line-level sources; phono input; headphone jack; AC outlet. Features discrete output transistors for front channels; separate power transformers for audio and display; frequency-synthesis AM/FM tuner; motor-driven volume control with LED indicator. Auto input balance; test-tone generator; delay time variable from 10-30 ms; level controls for center and rear channels; 30 AM/FM presets; auto scan tuning; direct station access; bass boost; -15-dB mute switch; A/B speaker switching; FL display; A/V remote control. Amp: FR 10-50,000 Hz ± 1 dB line; S/N 75 dB phono or line. FM: 50-dB quieting sens 18.3 dBf mono, 38.3 dBf stereo; cap ratio 1.2 dB; S/N 80 dB mono, 74 dB stereo. 17 x 5 1/2 x 11 1/2 in; 14 lb\$300

STR-D365 100-W/ch Receiver

2 channels. 100 x 2 into 8 ohms from 40-20,000 Hz with 0.8% THD. Inputs for 5 line-level sources; phono input; headphone jack; AC outlet. Features discrete output transistors; frequency-synthesis AM/FM tuner; separate power transformers for audio and display; motor-driven volume control. 30 AM/FM presets; auto scan tuning; direct station access; bass boost; -15-dB mute switch; A/B speaker switching; FL display; A/V remote control. Amp: FR 10-50,000 Hz ± 1 dB line. FM: 50-dB quieting sens 18.3 dBf mono, 38.3 dBf stereo; cap ratio 1.2 dB; S/N 80 dB mono, 74 dB stereo. 17 x 5 1/2 x 11 1/2 in; 14 lb\$250

ES Series

STR-G1ES 280-W A/V Receiver

5 channels; digital Dolby Pro Logic decoder; DSP. 80 W x 3 into 4 or 8 ohms from 20-20,000 Hz with 0.04% THD + 20 x 2 (rear) into 8 ohms at 1,000 Hz with 0.04% THD. Inputs for 8 line-level sources; phono input; S-video input and output; line-level outputs for each channel; main-in for front channels; subwoofer output with 12-dB/oct filter at 100 Hz; 75-ohm coaxial antenna input; 3 AC outlets; parallel-wired A/B speaker terminals; speaker binding posts. Features 2 complementary push-pull output transistors for each of front and center channels; separate power supplies for input and power-output stages; Class A amplification through Optical A Multi-Stage Bias; separate power transformers for audio and FL display; frequency-synthesis tuning; antiresonant aluminum front panel. Icon-based on-screen displays and interface programmed with controls for Sony components and programmable for non-Sony components; 10 factory and 10 user DSP sound-field presets; sound-field linking to each input and tuner preset; adjustable effect-level, room-size, reverb-time, wall-type, and seat-position sound-field parameters; auto input balance; test-tone generator; variable delay time; center- and rear-channel level controls; 30 AM/FM presets; auto scan tuning; direct station access; 4-character tuner-preset naming; digital 3-band parametric EQ; input naming for display; tape monitoring; bass boost; mute switch; FL display; one-button point-and-click remote control. Amp: FR 10-20,000 Hz ± 1 dB line; S/N 87 dB phono, 105 dB line. FM: 50-dB quieting sens 18.3 dBf mono, 38.3 dBf stereo; cap ratio 1.2 dB; S/N 80 dB mono, 74 dB stereo. 3-yr limited warranty. 17 x 5 1/2 x 15 1/2 in; 33.4 lb\$1,700

STR-GX900ES 360-W A/V Receiver

5 channels; digital Dolby Pro Logic decoder; DSP.

100 W x 3 (front, center) into 4 or 8 ohms from 20-20,000 Hz with 0.04% THD + 30 x 2 (rear) into 8 ohms at 1,000 Hz with 0.8% THD. Inputs for 8 line-level sources; phono input; line-level center- and rear-channel outputs; subwoofer output with 12-dB/oct filter at 100 Hz; S-video input and output; front-panel A/V input; parallel-wired A/B speaker terminals; speaker binding posts. Features discrete output transistors for front and center channels; separate power supplies for input and power-output stages; Class A amplification through Optical A Multi-Stage Bias; parallel complementary push-pull output stage; antiresonant aluminum front panel. Ability to use external amps for front and center channels and internal front amps for rear channels; 10 DSP sound-field presets; sound-field linking to each input and tuner preset; adjustable effect-level, room-size, reverb-time, wall-type, and seat-position sound-field parameters; digital 3-band parametric EQ; 30 AM/FM presets with 4-character naming for each; input naming for display; tape monitor; programmable A/V remote control. Amp: FR 10-20,000 Hz ± 1 dB line; S/N 87 dB phono, 105 dB line. FM: 50-dB quieting sens 18.3 dBf mono, 38.3 dBf stereo; cap ratio 1.2 dB; S/N 80 dB mono, 74 dB stereo. 3-yr limited warranty. 17 x 6 1/4 x 16 1/2 in; 29.6 lb\$850

STR-GX800ES 330-W A/V Receiver

5 channels; Dolby Pro Logic; DSP. 90 W x 3 (front, center) into 4 or 8 ohms from 20-20,000 Hz with 0.04% THD + 30 x 2 (rear) into 8 ohms at 1,000 Hz with 0.04% THD. Inputs for 8 line-level sources; phono input; S-video input and output; line-level center- and rear-channel outputs; subwoofer output with 12-dB/oct filter at 100 Hz; parallel-wired A/B speaker terminals; speaker binding posts. Features 4 parallel push-pull output transistors for each of front and center channels; separate power supplies for input and power-output stages; Class A amplification through Optical A Multi-Stage Bias; antiresonant aluminum front panel. Ability to use external amps for front channels and internal front amps for rear channels; 5 DSP sound fields with linking to each input and tuner preset; 30 AM/FM presets; 4-character tuner-preset naming; input naming for display; tape monitoring; programmable A/V remote control. Amp: FR 10-20,000 Hz ± 1 dB line; S/N 87 dB phono, 105 dB line. FM: 50-dB quieting sens 18.3 dBf mono, 38.3 dBf stereo; cap ratio 1.2 dB; S/N 80 dB mono, 74 dB stereo. 3-yr limited warranty. 17 x 6 1/4 x 16 1/2 in; 29.6 lb\$700

STR-GX700ES 260-W A/V Receiver

5 channels; Dolby Pro Logic; DSP. 70 W x 3 (front, center) into 4 or 8 ohms from 20-20,000 Hz with 0.15% THD + 25 x 2 (rear) into 8 ohms at 1,000 Hz with 0.8% THD. Inputs for 8 line-level sources; phono input; headphone jack; speaker binding posts. Features discrete output transistors for front and center channels; separate power supplies for input and power-output stages; Class A amplification via Optical A Multi-Stage Bias; separate power transformers for audio and display. 5 DSP sound-field presets; DSP sound-field linking to each input source and tuner preset; auto input balance; test-tone generator; variable delay time; center and surround level controls; 30 tuner presets; 4-character tuner-preset naming; naming of each input for display; tape monitoring; bass boost; mute switch; A/V remote control. Amp: FR 10-20,000 Hz ± 1 dB line; S/N 87 dB phono, 105 dB line. FM: 50-dB quieting sens 18.3 dBf mono, 38.3 dBf stereo; cap ratio 1.2 dB. 3-yr limited warranty. 17 x 5 1/2 x 14 1/2 in; 23 lb\$550

TEAC

TR-SV7000 277-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, and Hall modes. 72 W x 2 (front) + 85 x 1 (center) + 24 x 2 (rear) at 1,000 Hz with 0.7% THD or 100 x 2 rms with 0.07% THD. 6 audio inputs including phono, 2 tape, and 2 A/V inputs; 2 video inputs; video-monitor output. Features quartz-PLL tuner; motor-driven volume control. Normal, wide, and phantom center-channel modes; adjustable digital delay; test-tone generator;

30 AM/FM presets; bass and treble controls; loudness switch; sleep timer; FL display; remote control with center and rear level controls. Amp: FR 30-20,000 Hz ± 1 dB phono, 10-60,000 Hz -3 dB line; S/N 70 dB phono, 76 dB line. FM: 50-dB quieting sens 38 dBf stereo; AM rej 60 dB; cap ratio 1.5 dB; S/N 70 dB stereo; THD 0.4% stereo\$499

AG-V3050 258-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby 3 Stereo, and Hall modes. 70 W x 3 (front, center) + 24 x 2 (rear) or 100 x 2 into 8 ohms from 20-20,000 Hz with 0.07% THD. 7 audio inputs including phono, 2 tape, and 2 A/V inputs; 2 video inputs; video-monitor output. Features quartz-PLL tuner; motor-driven master-volume control. Test-tone generator; adjustable digital delay; 30 AM/FM presets with scan; sleep timer; Teac UR-system remote control with center- and rear-channel level controls. Amp: FR 30-20,000 Hz ± 1 dB phono, 10-60,000 Hz -3 dB line; S/N 70 dB phono, 76 dB line. FM: cap ratio 1.5 dB. 17 1/2 x 6 1/2 x 15 in\$499



Teac AG-260 AM/FM receiver

AG-V2050 230-W A/V Receiver

4 channels; Dolby Surround. 100 W x 2 (front) rms into 8 ohms from 20-20,000 Hz with 0.07% THD + 15 x 2 (rear). 6 audio inputs including phono, 2 tape, and 2 A/V; 2 video inputs; video-monitor output. Features quartz-PLL tuner; motor-driven master-volume control. 20-ms digital delay; 30 AM/FM presets with scan; direct station access; Teac UR-system remote control. Amp: FR 30-20,000 Hz ± 1 dB phono, 10-60,000 Hz -3 dB line; S/N 70 dB phono, 76 dB line. FM: 50-dB quieting sens 38 dBf stereo; cap ratio 2 dB. 17 1/2 x 5 1/2 x 13 1/2 in\$379

AG-V1050 100-W/ch Receiver

2 channels. 100 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.08% THD. Features 4-ohm capability; double transformer; quartz-PLL tuner; motor-driven master-volume control. 6 audio inputs; 2 video inputs; video-monitor output; headphone jack. 30 AM/FM presets with scan; direct station access; loudness switch; bass and treble controls; mute; A/B speaker switching; dot-matrix FL display. Amp: FR 20-20,000 Hz ± 1 dB phono, 10-70,000 Hz +1, -3 dB line; S/N 70 dB phono, 94 dB line. Teac UR-system remote control. FM: 50-dB quieting sens 38 dBf stereo; cap ratio 1.5 dB. 17 1/2 x 5 1/2 x 13 1/2 in\$319

AG-750 52-W/ch Receiver

2 channels. 52 W x 2 rms into 8 ohms from 40-20,000 Hz with 0.08% THD. Features quartz-PLL tuner; motor-driven volume control. Headphone jack. Matrix surround; 30 AM/FM presets with scan; direct station access; loudness, bass, treble, and balance controls; mute; A/B speaker select; FL display; Teac UR-system remote control. Amp: FR 20-20,000 Hz ± 1 dB phono, 10-70,000 Hz +1, -3 dB line; S/N 70 dB phono, 94 dB line. FM: cap ratio 1.5 dB. 17 1/2 x 5 x 11 1/2 in\$259

AG-260 28-W/ch Receiver

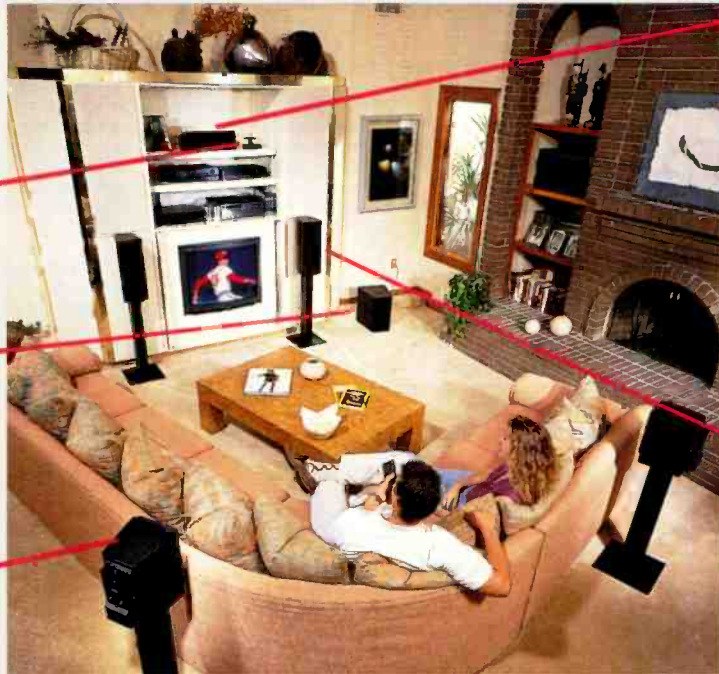
2 channels. 28 W x 2 rms into 8 ohms from 50-20,000 Hz with 0.9% THD. Inputs for 3 line-level sources; MM phono input. Features quartz PLL-synthesis tuning. 8 AM/16 FM presets; auto/manual tuning; bass and treble controls; loudness switch; LCD. Amp: FR 20-20,000 Hz ± 1 dB phono, 10-35,000 Hz +1, -3 dB line; S/N 75 dB phono, 85 dB line. FM: 50-dB quieting

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AWACS HT transmitter for Recoton 900MHz wireless home theatre speaker systems. Sends signals up to 150 feet away to subwoofer and rear channel speakers.
WHT 470

Wireless subwoofer with 10" rear-firing speaker driven by an internal 50 watt amplifier delivers the distinctive low frequency sound that you can hear and "feel."
WHT 421

Wireless rear channel speakers provide the fill-in sound that puts you in the center of the action. Each speaker has its own 25 watt amplifier/receiver that provides a 70-7,000 Hz frequency response.
WHT 462



Center channel speaker provides the major portion of the sound. Shielded with two 5" woofers and a 1/2" tweeter for full 70-22,000 Hz response and 100 watt power handling capability. It is usually placed above or below the TV set.
HT 423

Front stereo speaker system. Shielded, full range 47-22,000 Hz response with 150 watt power handling capability. Large 6 1/2" woofer and 3/4" tweeter. Carries majority of the music and sound tracks.
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Eliminates the need to run wires under rugs, carpets, furniture, around walls.

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sens 22 dBf mono, 42 dBf stereo; cap ratio 2.5 dB; S/N 65 dB mono, 60 dB stereo. 17% x 4% x 9% in; 11.5 lb\$179



Technics SA-GX190 A/V receiver

TECHNICS

Class H+ refers to Technics' proprietary system of providing two power supplies for each amplifier output channel, one for low signals and one for high signals, that switch between each other with the goals of reducing heat generation, improving dynamic headroom, and improving power distribution across the front soundstage.

SA-TX1010 480-W THX Receiver

4 channels; Dolby Pro Logic, Live, Simulated Surround, and 2 Hall modes. 120 W x 4 into 8 ohms at 1,000 Hz with 0.8% THD or 125 x 2 into 6 ohms from 20-20,000 Hz. 3 line-level source inputs; 3 A/V inputs; 2 A/V outputs; 2 S-video inputs; front-panel A/V input; subwoofer output; headphone jack. Features THX certification; Class H+ circuitry; quartz-synthesis tuner. Theater-effect function to downsize front stereo stage in Home THX and Dolby Pro Logic modes; Dolby Pro Logic self-test mode with on-screen displays; help function with on-screen and scrolling-FL displays; center- and rear-channel controls; normal, wide, and phantom center-channel modes; delay time adjustable from 15-30 ms; direct station access; 30 AM/FM presets; bass and treble controls; muting/loudness button; dimmer switch; on-screen displays and help; A/V remote control with Technics CD source controls\$1,000

SA-GX790 400-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo, Simulated Surround, Live, and 2 Hall modes. 100 W x 4 into 8 ohms at 1,000 Hz with 0.8% THD or 120 x 2 into 8 ohms from 20-20,000 Hz with 0.05% THD. 4 A/V inputs including one on front panel; 3 line-level source inputs; phono input; subwoofer output. Features quartz-synthesis tuner; Class H+ circuitry. Help function with information on on-screen displays; Dolby Pro Logic test mode with on-screen confirmation; Theater-effect function to enhance Dolby Pro Logic sound field; center- and rear-channel level controls; normal, wide, and phantom center-channel modes; delay adjustable from 15-30 ms; bass and treble controls; muting/loudness button; FL display with dimmer switch; A/B speaker switching; 30 tuner presets; direct station access; remote control with Technics CD and video-source functions\$500

SA-GX690 400-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo, Simulated Surround, Live, and 2 Hall modes. 100 W x 4 into 8 ohms at 1,000 Hz with 0.8% THD or 100 x 2 into 8 ohms from 20-20,000 Hz with 0.05% THD. 3 A/V inputs including one on front panel; 3 line-level source inputs; phono input; subwoofer output. Features quartz-synthesis tuner; Class H+ circuitry. Help function with information scrolling on FL display; center- and rear-channel level controls; normal, wide, and phantom center-channel modes; delay adjustable from 15-30 ms; bass and treble controls; muting/loudness button; FL display with dimmer switch; A/B speaker switching; 30 tuner presets; direct station access; remote control with Technics CD and video-source functions\$400

SA-GX490 320-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo. 80 W x 4 into 8 ohms at 1,000 Hz with 0.8% THD or 100 x 2 into 8 ohms from 20-20,000 Hz with 0.05% THD. 2 A/V

inputs; 4 line-level source inputs. Features quartz-synthesis tuner; Class H+ circuitry. Help function with information on LED display; Dolby Pro Logic test mode; center- and rear-channel level controls; normal, wide, and phantom center-channel modes; bass and treble controls; A/B speaker switching; A/V remote control\$300
SA-GX290. As above, 50 W x 4 into 8 ohms at 1,000 Hz with 0.8% THD or 70 x 2 into 8 ohms from 20-20,000 Hz with 0.05% THD\$250

SA-GX190 100-W/ich Receiver

2 channels. 100 W x 2 into 8 ohms from 20-20,000 Hz with 0.8% THD. 5 line-level source inputs. Features Class H+ circuitry. 30 tuner presets; direct tuner access; A/B speaker switching; bass, treble, and balance controls; muting switch; alphanumeric display; remote control\$200

YAMAHA

RX-V2090 440-W A/V Receiver

7 channels; Dolby Pro Logic, Dolby Pro Logic Enhanced, Sports, Stadium, 70-mm Movie Theater, TV Theater, Rock Concert, Jazz Club, Church, and Concert Hall DSP modes. 100 W x 2 (front) from 20-20,000 Hz with 0.015% THD + 100 x 1 (center) from 20-20,000 Hz with 0.07% THD + 35 x 2 (left and right rear effects) from 20-20,000 Hz with 0.09% THD + 35 x 2 (left and right front effects) at 1,000 Hz with 0.08% THD, all rms into 8 ohms. 5-channel line input for digital Dolby Surround AC-3 decoder; 5 audio inputs; 4 A/V inputs with S-video connectors; dual center-channel outputs; gold-plated phono jack; gold-plated front-panel A/V input. Multiroom/multisource capability; A/V selection for 2nd room; A/B speaker switching that can be used for 3rd room; 40 AM/FM presets; on-screen displays; programmable main remote control; system remote control for secondary room. 17% x 6 x 16% in\$1,499

RX-V890 350-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby Pro Logic Enhanced, Sports, Stadium, 70-mm Movie Theater, TV Theater, Rock Concert, Jazz Club, Church, and Concert Hall DSP modes. 100 W x 2 (front) from 20-20,000 Hz with 0.015% THD + 100 x 1 (center) with 0.07% THD + 25 x 2 (rear) at 1,000 Hz with 0.08% THD, all rms into 8 ohms. 5 audio inputs; 4 A/V inputs with S-video connectors; L/R front, center-channel, 2 rear, and subwoofer line-level outputs; 2-way binding-post outputs; pre-out/main-in loops for front L/R channels; dual center-channel terminals; front-panel A/V input. 40 AM/FM presets; record-out selector; on-screen displays; programmable remote control. 17% x 6 x 16% in\$999

RX-V690 290-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby Pro Logic Enhanced, Sports, Stadium, 70-mm Movie Theater, TV Theater, Rock Concert, Jazz Club, Church, and Concert Hall DSP modes. 80 W x 2 (front) from 20-20,000 Hz with 0.04% THD + 80 x 1 (center) from 20-20,000 Hz with 0.07% THD + 25 x 2 (rear) at 1,000 Hz with 0.3% THD, all rms into 8 ohms. 5 audio inputs; 4 A/V inputs including 2 S-video; L/R front, center-channel, 2 rear, and subwoofer line-level outputs; dual center-channel outputs; front-panel AUX input. 40 AM/FM presets; programmable remote control. 17% x 5% x 13% in\$699

RX-V590 265-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby Pro Logic Enhanced, Stadium, Disco, Concert Hall, Rock Concert, Mono Movie, and Concert Video modes. 75 W x 2 (front) from 20-20,000 Hz with 0.04% THD + 75 x 1 (center) at 1,000 Hz with 0.04% THD + 20 x 2 (rear) at 1,000 Hz with 0.09% THD, all rms into 8 ohms. 4 audio and 4 A/V inputs; 6 line-level outputs for all channels; subwoofer output; dual center-channel terminals. Programmable remote control. 17% x 5% x 13% in\$549

RX-770 85-W/ich Receiver

2 channels. 85 W x 2 into 8 ohms from 20-20,000 Hz with 0.019% THD or 220 x 2 into 2 ohms. 4 audio and

2 video inputs; 3-way binding posts; pre-out/main-in loops; infrared input and output ports. Features direct-PLL IF count synthesis tuning; antivibration antiresonance base; motor-driven input selector and volume control; source-direct mode. 40 AM/FM presets; variable loudness control; sleep timer; tone and balance controls; record-out selector; A/B speaker switching; signal-strength meter; remote control\$549

RX-V490 240-W A/V Receiver

5 channels; Dolby Pro Logic, Dolby Pro Logic Enhanced, Concert Hall, Rock Concert, Mono Movie, and Concert video modes. 70 W x 2 (front) from 20-20,000 Hz with 0.04% THD + 70 x 1 (center) at 1,000 Hz with 0.01% THD + 15 x 2 (rear) at 1,000 Hz with 0.7% THD, all rms into 8 ohms. 4 audio and 2 A/V inputs. 40 AM/FM presets; system remote control. 17% x 5% x 10% in\$399

RX-595 80-W/ich Receiver

2 channels. 80 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.019% THD. Features antivibration antiresonance base; direct PLL IF-count synthesizer tuning. 4 audio and 2 A/V inputs; 2-way speaker terminals; infrared input and output ports. 40 AM/FM presets; record-out selector; A/B speaker switching; sleep timer; system remote control. 17% x 5% x 15% in\$399

RX-V390 195-W A/V Receiver

4 channels; Dolby Pro Logic, Dolby 3 Stereo, Hall, and Rock modes. 60 W x 2 (front) with 0.04% THD + 60 x 1 (center) with 0.1% THD + 15 x 1 (rear) with 0.7% THD, all rms into 8 ohms from 20-20,000 Hz. 4 audio and 2 A/V inputs; separate L/R rear-speaker terminals. 40 AM/FM presets; system remote control. 17% x 5% x 10% in\$299

RX-485 65-W/ich Receiver

2 channels. 65 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.04% THD or 150 x 2 into 2 ohms. 6 audio inputs including 2 tape monitors. Features direct-PLL IF-count synthesizer tuning; motor-driven volume control. Pure-direct switch; 40 AM/FM presets; continuously variable loudness control; A/B speaker switching; sleep timer; 10-segment signal-strength display; FL display; system remote control with volume control. 17% x 5 x 11% in\$299

RX-385 45-W/ich Receiver

2 channels. 45 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.04% THD or 98 x 2 into 2 ohms. 5 audio inputs including tape monitor. Features direct-PLL IF-count synthesizer tuning; motor-driven volume control. 40 AM/FM presets; continuously variable loudness control; A/B speaker switching; sleep timer; 10-segment signal-strength display; FL display; system remote control. 17% x 5 x 11% in\$249

Whether you're building your audio or A/V system from scratch or upgrading an existing one, the "System Building" feature at the front of the Buyer's Guide will help you make the best choices for your needs and budget.

ACCUPHASE

E-406 170-W/ch Integrated Amplifier

2 channels. 170 W x 2 into 8 ohms from 20-20,000 Hz with 0.02% THD. 6 line-level inputs; 2 balanced inputs; 2 tape loops; MM/MC phono input; line-level outputs; headphone jack. Subsonic filter; tape-dubbing capability; A/B speaker selector; defeatable bass and treble controls; balance and loudness controls; mono/stereo switch; 2 level meters; remote control. Damping factor 120 into 8 ohms, 50 Hz. 18 1/4 x 7 1/4 x 16 1/4 in; 61.7 lb\$6,995

E-306 100-W/ch Integrated Amplifier

2 channels. 100 W x 2 cont avg into 8 ohms from 20-20,000 Hz. 7 line-level inputs; 2 balanced inputs; MM/MC phono input; line-level outputs; pre-out/main-in connections; headphone jack. Features current feedback circuit topology to prevent phase shifts; parallel push-pull output stage; logic-controlled relays; structurally separated sections for power amplifier and preamplifier; infrasonic filter. Balance control; compensator switch; remote source switching and volume adjustment; power-level meters; channel-output meters; remote control. FR 20-20,000 Hz; THD 0.04% from 4-16 ohms; S/N 102 dB line, 80 dB MM, 78 dB MC; damping factor 120 into 8 ohms, 50 Hz. 18 1/2 x 6 1/2 x 16 1/2 in; 44.4 lb\$4,995

ACURUS

DIA100 MkII 100-W/ch Integrated Amplifier

2 channels. 100 W x 2 cont into 8 ohms with 0.09% THD or 150 x 2 cont into 4 ohms, both from 20-20,000 Hz. 2 tape outputs; 6 source inputs; gold-plated connectors. Features laser-trimmed potentiometers for volume and balance controls; silver-to-silver contacts for listen and record switches; inputs mounted directly to circuits; dual-sided glass-epoxy circuit board; separate internal chassis for passive-control section; bipolar transistors; toroidal transformer. Balance and source-select controls. FR 20-20,000 Hz ± 0.25 dB; S/N 100 dBA; damping factor 300. 17 x 5 x 14 in; 35 lb\$1,099

AMC

CVT3030 30-W/ch Tube Integrated Amplifier

2 channels. 30 W x 2. Inputs for 7 sources including phono; headphone jack. Features Class A tube output stage; Class A input stage. Bass and treble controls; direct mode\$899

Model 3025 25-W/ch Integrated Amplifier

2 channels. 25 W x 2. Inputs for 5 sources including MM/MC phono; headphone jack. Features Class AB semiconductor output stage. Direct mode\$299

Model 3050 50-W/ch Integrated Amplifier

2 channels. 50 W x 2. Inputs for 5 sources including MM/MC phono; headphone jack. Features Class AB semiconductor output stage. Direct mode\$299

ARCAM

Xeta One 220-W A/V Integrated Amplifier

5 channels; Dolby Pro Logic, Dolby 3 Stereo, Cinema EQ, and Hall modes. 60 W x 3 (front, center) into 8 ohms from 20-20,000 Hz + 20 x 2 (rear) into 8 ohms at 1,000 Hz with 0.05% THD or 90 x 3 (front) into 4 ohms from 20-20,000 Hz + 30 x 2 (rear) into 4 ohms at 1,000 Hz with 0.05% THD. 8 audio inputs including MM-phono and tape-monitor loop; 2 S-video and 4 composite-video inputs. Features MOSFET design for 3 front channels; twin power transformers; 400-VA toroid; broadcast-standard video amplifiers; Delta-Sigma digital rear-channel delay. Phantom center-channel mode; direct stereo mode to bypass all Dolby circuits; bypassable tone and balance controls; on-screen displays; remote control. 2-yr guarantee. 17 1/4 x 5 1/4 x 12 1/2 in; 22.4 lb\$1,900

Delta 290 75-W/ch Integrated Amplifier

2 channels. 75 W x 2 into 8 ohms. 6 line-level inputs including 2 tape loops; pre-out/main-in loops; outputs for 2 speaker pairs; headphone jack. Features MOS-



Onkyo Integra A-SV620 A/V integrated amplifier

FET design; toroidal power supply; motor-driven volume control. Separate listen and record selectors; processor/tape 2-monitor switch; tone and balance controls with bypass; remote control. MM/MC phono board optional. FR 20-20,000 Hz ± 0.5 dB line; THD 0.02% at 1,000 Hz; S/N 79 dB MM, 73 dB MC, 99 dB line\$899

Alpha 6+ 50-W/ch Integrated Amplifier

2 channels. 50 W x 2 cont into 8 ohms. 6 gold-plated inputs including one switchable MM-phono/line-level input; 2 tape outputs; outputs for 2 speaker pairs; headphone jack. Features MOSFET output stages; toroidal transformer. Tone controls with switchable bypass; remote-control receiver for remote level control via Arcam CD player or system remote control. FR 10-20,000 Hz ± 0.5 dB line; THD 0.02% at 1,000 Hz; S/N 74 dB phono, 94 dB line\$599

Alpha 5+ 40-W/ch Integrated Amplifier

2 channels. 40 W x 2 cont into 8 ohms or 80 x 2 into 4 ohms. 6 inputs including MM phono; 2 tape outputs; outputs for 2 speaker pairs; headphone jack. Features toroidal transformer. Tone controls with switchable bypass. FR 10-20,000 Hz ± 0.5 dB line; THD 0.02% at 1,000 Hz; S/N 73 dB phono, 93 dB line\$399

AUDIO DESIGN ASSOCIATES

The following are typically sold as part of custom-installed multiroom systems. Contact the manufacturer for more information.

MRA-808 640-W Integrated Amplifier

16 channels. Consists of 8 integrated-amp modules. Each module 40 W x 2 into 8 ohms from 20-20,000 Hz with 0.03% THD or 60 x 2 into 4 ohms. Digitally controlled tone and volume controls for each module. Slew rate 10 V/ μ s. 12 1/4 x 19 x 14 1/4 in; 52 lb ...\$NA

CR-8A 25-W/ch Integrated Amplifier

2 channels. 25 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.02% THD or 40 x 2 into 4 ohms. Signal-processor loop. Features power fuse; toroidal power transformer. Gain control; balance switch; LED volume, bass, and treble indicators. Infrared receiver optional. S/N 104 dB. 19 x 3 1/2 x 11 in; 13 lb\$NA

AUDIO INNOVATIONS

S500 25-W/ch Tube Integrated Amplifier

2 channels. 25 W x 2. MM phono input; 3 line-level inputs; 2 tape loops; 4- and 8-ohm speaker outputs. Features Class A design; gold-plated connectors; ground-isolation switch\$1,600

S700 25-W/ch Tube Integrated Amplifier

2 channels. 25 W x 2. 4 line-level inputs; tape loop; gold-plated connectors; 4- and 8-ohm speaker outputs. Features Class A design; ground-isolation switch\$1,500

ALTO 35-W/ch Integrated Amplifier

2 channels. 35 W x 2. 4 line-level inputs; 2 tape loops. Features solid-state design\$500

AUDIOLAB

Model 8000A MkII 60-W/ch Integrated Amplifier

2 channels. 60 W x 2 into 8 ohms or 100 x 2 into 4 ohms. MM and MC phono inputs; pre-out/main-in loops; outputs for 2 speaker pairs; headphone jack. Features overload protection. Separate input and record selectors; defeatable phase-compensated tone controls; mute. FR 1-65,000 Hz; THD 0.05%; S/N 81 dB MM, 77 dB MC, 90 dB line. 17 1/2 x 3 x 13 in; 19 lb\$850

AUDIO NOTE

Onyaku 27-W/ch Tube Integrated Amplifier

2 channels. 27 W x 2. 5 line-level inputs; tape loop. Features one direct-heated GE211/VT4C tube per channel; Class A design; hand-wound output transformers with pure silver on ceramic-leaf core materials; tantalum-film resistors with silver end caps and lead-out wires; hand-made silver-foil signal capacitors. 11 1/2 x 10 1/4 x 23 1/2 in\$89,200

Meishu-Phono. Combines M2-Phono preamplifier, with silver input wire and hand-wired output stage, and P3 SE power amplifier in single chassis. 17 1/2 x 8 1/2 x 20 1/2 in\$6,195
Meishu-Line. As above, but uses M2-Line preamplifier\$5,295

Soro-Phono SE. Combines M1-Phono preamplifier and P2 SE power amplifier in single chassis. 17 1/2 x 5 1/4 x 17 1/2 in\$3,995

Soro-Line SE. As above, but uses M1-Line preamplifier\$3,395

OTO-Phono SE. Combines M1-Phono preamplifier and P1 SE power amplifier in single chassis. 17 1/2 x 5 1/4 x 17 1/2 in\$2,995

OTO-Line SE. As above, but uses M1-Line preamplifier\$2,395

AUDIRE

Adagio 60-W/ch Integrated Amplifier

2 channels. 60 W x 2 into 8 ohms from 20-20,000 Hz or 100 x 2 into 4 ohms. 6 line-level inputs; 2 tape loops; pre-out/main-in loops; two gold-plated 5-way binding-post pairs. Features one FET per channel in preamp stage; all-discrete power amp with MOSFET output stage; toroidal transformer. Balance control. FR 5-100,000 Hz ± 0.25 dB line, 2-100,000 Hz -2 dB amp; S/N 90 dB; slew rate 45 V/ μ s; damping factor 250. 3-yr parts-and-labor warranty. 19 x 5 1/4 x 9 in; 22 lb ...\$950

CARVER

CMV-1185 320-W A/V Integrated Amplifier

5 channels; Dolby Pro Logic. 80 W x 2 (front) from 20-20,000 Hz with 0.1% THD + 90 x 1 (center) + 35 x 2 (rear), all into 8 ohms. 7 audio inputs including phono; 3 composite-video inputs; 2 composite-video outputs; front-panel A/V input; line-level outputs for each channel; pre-out/main-in loops for front channels; subwoofer output. Features 12-dB/oct subwoofer

crossover; Vocal Zoom dialog-enhancement circuitry. Adjustable delay times; auto input balance; independent switching for audio and video sources; removable rack handles; remote control. FR 20-20,000 Hz ± 0.5 dB; S/N 85 dBA phono, 110 dBA amp; dynamic headroom 1 dB. 19 x 5 1/4 x 17 in; 27 lb ..\$899

CM-1090 100-W/ch Integrated Amplifier

2 channels. 100 W x 2 into 8 ohms from 20-20,000 Hz with 0.1% THD or 150 x 2 into 4 ohms. 7 audio inputs including phono; pre-out/main-in loop for each channel. Features transfer function modified to emulate reference tube amplifier; Sonic Holography circuitry to enhance stereo imaging. Surround mode supplying L-R signal to 2nd front-speaker pair; CD-direct mode; A/B speaker selector; two analog level meters; remote control. S/N 78 dBA phono, 90 dBA amp; dynamic headroom 1.7 dB. 19 x 4 1/2 x 14 1/2 in; 21 lb ..\$799



Creek Model 4240

CARY AUDIO DESIGN

CAD-300SEI 11-W/ch Tube Integrated Amplifier

2 channels. 11 W x 2 into 4 ohms. Features single-ended Class A circuitry; 200%-duty-cycle air-gapped wax-impregnated output transformer wound with OFC wire; silver double E Teflon wire; point-to-point wiring; two 300B triode output tubes in Class A single-ended configuration; three 6SN7 input driver tubes; oil-filled coupling caps. FR 20-20,000 Hz -0.75 dB; S/N 90 dB. 14 x 8 x 14 in ..\$3,395

CAD-75-1 75-W/ch Tube Integrated Amplifier

2 channel. 75 W x 2. Features push-pull ultralinear amplification in Class AB circuitry; one EI laminated-core power transformer; two EI laminated-core output transformers; 150% duty cycle for all transformers; two 12AX7 pre-driver preamplifier tubes; two 12AU7 phase-inverter tubes; four 6550 push-pull output circuit tubes; 1% metal-film resistors; polystyrene and polypropylene capacitors. FR 20-30,000 Hz -0.75 dB; damping factor 36. 18 x 7 x 13 in ..\$2,495

SLI-30 30-W/ch Tube Integrated Amplifier

2 channels. 30 W x 2. Headphone jack. Features push-pull Class A circuitry; passive line driver; one EI laminated-core power transformer; two EI laminated-core output transformers; 150% duty cycle for all transformers; two 12AX7 pre-driver phase-inverter tubes; eight EL-84 push-pull output circuit tubes; 1% metal-film resistors; polystyrene and polypropylene capacitors; G-10 Glass double-sided plated-through printed circuit board. FR 20-30,000 Hz -0.75 dB; damping factor 35. 17 x 4 x 12 in; 34 lb ..\$1,495

CREEK

Model 4240 40-W/ch Integrated Amplifier

2 channels. 40 W x 2 into 8 ohms from 20-20,000 Hz with 0.01% THD. 4 line-level inputs; tape loop; pre-power-amp socket for biampification with A42 power amp. MOSFET circuitry. FR 3-25,000 Hz -1 dB; S/N 105 dB; ch sep 80 dB at 1,000 Hz ..\$995
phono boards for above ..MM, \$95; MC, \$50

DENON

PMA-S1 50-W/ch Integrated Amplifier

2 channels. 50 W x 2 cont into 8 ohms or 200 x 2 into

2 ohms. Features aluminum sand-cast frame; inverted Sigma balance circuit for balanced signal flow; UHC-MOS output transistors for high current ...\$4,500

AVC-3030 400-W A/V Integrated Amplifier

5 channels; Dolby Pro Logic, Dolby 3 Stereo, Classic, Rock, Jazz, Stadium, Church, and Matrix modes. 110 W x 3 (front) + 35 x 2 (rear). 10 audio inputs; 2 audio outputs; 2 center-channel outputs; main amplifier outputs; line-level outputs; 5 S-video inputs; 3 S-video outputs; 5 composite-video inputs; 2 composite-video outputs; gold-plated RCA connectors. Features Class A amplifiers for front and center channels; discrete amplifiers for all channels. Normal, wide, and phantom center-channel modes; Wide Screen, Live, and Mono Movie DSP Dolby Pro Logic modes; CD-direct switch; on-screen displays; programmable remote control. Simple remote optional ..\$1,350

AVC-2800 305-W A/V Integrated Amplifier

5 channels; Dolby Pro Logic, Classic Concert, Rock, Jazz Club, Super Stadium, Mono Movie, and Matrix modes; DSP. 85 W x 3 (front, center) + 25 x 2 (rear). 8 audio inputs; 4 audio outputs; 2 center-channel outputs; main amplifier inputs; front, center, and mono line-level outputs; 4 S-video inputs; 3 S-video outputs; 4 composite-video inputs; 4 composite-video outputs. Features discrete amplifiers for front and center channels. Normal, wide, and phantom center-channel modes; Wide Screen and Live DSP Dolby Pro Logic modes; video input selector; remote/front-panel A/B speaker switching; icon-based on-screen displays; FL display; programmable remote control ..\$900

PMA-1315R 115-W/ch Integrated Amplifier

2 channels. 115 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.005% THD. MM and MC phono inputs. Features circuit for output-transistor bias-current stability; toroidal transformer; MOSFET driver stage; motor-driven volume control. Source-direct switch; A/B speaker switching; record-out selector; loudness control; Denon IS-system remote with level and source-select controls ..\$800

PMA-915R 80-W/ch Integrated Amplifier

2 channels. 80 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.02% THD. MM and MC phono inputs. Features circuit for output-transistor bias-current stability; EI-type transformer; MOSFET driver stage; motor-driven volume control. A/B speaker switching; record-out selector; switchable loudness control; Denon IS-system remote with level and source-select controls ..\$550

PMA-525R 50-W/ch Integrated Amplifier

2 channels. 50 W x 2 into 8 ohms from 20-20,000 Hz with 0.05% THD. MM phono input. Variable loudness control; A/B speaker switching; system remote control. 17 1/2 x 4 1/4 x 11 1/2 in; 13.7 lb ..\$400

DGX

DDA-1 100-W/ch Digital Integrated Amplifier

2 channels. 100 W x 2 into 8 ohms or 140 x 2 into 4 ohms, both from 20-20,000 Hz. Coaxial and fiber-optic digital inputs. Features DSP; D/A converter; dual-mono design; phase and amplitude corrector for DGX speakers. THD 0.025%; S/N 86 dB analog.

92 dB digital; damping factor 150. 16 1/2 x 4 1/4 x 14 1/4 in; 29 lb ..\$995
With two DDL-1 speakers ..\$2,195

DUAL

CV5670 480-W Integrated Amplifier

4 channels. 120 W x 4 into 8 ohms with 0.01% THD. Gold-plated inputs for phono and CD. Features Class A design; toroidal-core transformer. FR 6-95,000 Hz ..\$525

ELECTROCOMPANET

ECI-1 100-W/ch Integrated Amplifier

2 channels. 100 W x 2 into 8 ohms or 305 x 2 into 2 ohms, both with 0.2% THD. 6 audio inputs. Features Class A dual-mono design; buffer stages in selector system. 17 x 5 1/4 x 14 1/2 in; 39 lb ..\$2,899

GREG

I-50 60-W/ch Tube Integrated Amplifier

2 channels. 60 x 2 into 4 or 8 ohms. Features point-to-point hand wiring; four 6550, two 12AX7, and two 12AU7 tubes. FR 18-20,000 Hz ± 1 dB; THD 1%; S/N 90 dB. 18 x 9 x 14 in; 70 lb ..\$1,495

HARMAN KARDON

HK1400 40-W/ch Integrated Amplifier

2 channels. 40 W x 2 into 8 ohms or 60 x 2 into 4 ohms. 2 tape loops. Switchable gain at 0 or -10 dB ..\$499

HK620 40-W/ch Integrated Amplifier

2 channels. 40 W x 2 into 8 ohms or 60 x 2 into 4 ohms. Outputs for 2 speaker pairs. System remote control ..\$349

JVC

AXZ911BK 100-W/ch Digital Integrated Amplifier

2 channels. 100 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.003% THD. Fiber-optic and coaxial digital inputs; direct input for D/A converter; digital tape loop for DAT; gold-plated connectors. Features Class A operation; D/A converter with 4x oversampling; separate analog and digital circuitry; motor-driven volume control; bass control; remote control. 2-yr carry-in parts-and-service warranty ..\$1,100

LINN

Majik-IP 33-W/ch Integrated Amplifier

2 channels. 33 W x 2 into 8 ohms or 66 x 2 into 4 ohms. 5 line-level inputs; switchable MM/MC-phono/line-level input; 4 output pairs; headphone jack. Features add-on-module expandability; microprocessor-controlled switching. Add-on modules available for FM tuning and multiroom control ..\$1,195
Majik-IL. As above, no phono input. 6 line-level inputs ..\$1,095

LUXMAN

L-500 50-W/ch Integrated Amplifier

2 channels. 50 W x 2 into 8 ohms, 100 x 2 into 4 ohms, or 200 x 2 into 2 ohms. Gold-plated connectors. Features gold-plated input-switching relays; direct-coupled pure-complementary amplification circuit; DC configuration via Duo Beta circuit; anti-resonance construction; Star circuitry. Tone compensator; 32-position volume control. FR 10-100,000 Hz -2 dB; THD 0.01% into 6 ohms from 20-20,000 Hz ..\$5,000

A-383 100-W/ch Integrated Amplifier

2 channels. 100 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.04% THD or 330 x 2 into 2 ohms. 3 video inputs; switchable MM/MC phono input; gold-plated CD and phono inputs; system bus connection; outputs for 2 speaker pairs. Features all-stage symmetrical push-pull circuit; video-input buffer amplifier; line-phase sensor; Star circuitry. Multiroom capability; line-straight switch; record-out selector; bass, tre-

**Prices given are the
manufacturers'
suggested retail prices.
Actual selling prices may
vary and can change
without notice.**

ble, and balance controls; loudness switch; A/B speaker selector; remote control. FR 20-20,000 Hz ± 0.5 dB phono, 10-70,000 Hz $+0.5$, -1.5 dB line; S/N 77 dBA MM, 56 dBA MC, 100 dBA line. Black or champagne\$1,295

A-384 80-W/ch Tube Integrated Amplifier
2 channels. 80 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD or 230 x 2 into 4 ohms. Gold-plated input terminals for CD and phono. Features triode 12SU7 tube; metal chassis and front panel; line-phase sensor; Duo-Beta circuitry. Synchro CD-to-tape dubbing; system dimmer; continuous play; system remote control. FR 20-20,000 Hz ± 0.5 dB phono, 10-70,000 Hz $+0.5$, -1.5 dB line; S/N 82 dBA MM, 62 dBA MC, 100 dBA line. 17 1/2 x 5 1/4 x 15 in; 22 lb\$995

A-373 80-W/ch Integrated Amplifier
2 channels. 80 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD or 170 x 2 into 4 ohms. 3 video inputs; phono input; system bus connection; gold-plated CD and phono inputs. Features video-input buffer amplifier; motor-driven volume control; discrete power-amp stage; line-phase sensor; Star circuitry. Record-out selector; A/B speaker selector; line-straight switch; bass, treble, and balance controls; loudness switch; remote control. FR 20-20,000 Hz ± 0.5 dB phono, 10-70,000 Hz $+0.5$, -1.5 dB line; S/N 82 dBA MM, 62 dBA MC, 100 dBA line. Black or champagne\$795

A-353 60-W/ch Integrated Amplifier
2 channels. 60 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD or 125 x 2 into 4 ohms. Switchable MM/MC phono input; system bus connection; outputs for 2 speaker pairs; gold-plated CD and phono inputs. Features discrete power-amp stage; motor-driven volume control; line-phase sensor; Star circuitry. Line-straight switch; record-out selector; A/B speaker selector; bass, treble, and balance controls; loudness switch; remote control. FR 20-20,000 Hz ± 0.5 dB phono, 10-70,000 Hz $+0.5$, -1.5 dB line; S/N 82 dBA MM, 62 dBA MC, 100 dBA line. Black or champagne\$595

A-331 60-W/ch Integrated Amplifier
2 channels. 60 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD or 115 x 2 into 4 ohms. 3 video and 3 audio inputs; switchable phono inputs. Features discrete power components; Star circuitry. A/B speaker selector. FR 20-20,000 Hz ± 0.5 dB phono, 10-60,000 Hz $+0.5$, -1.5 dB line; S/N 82 dBA phono, 97 dBA line. 17 1/2 x 5 1/4 x 15 in; 19.8 lb\$449

A-312 40-W/ch Integrated Amplifier
2 channels. 40 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD or 85 x 2 into 4 ohms. Switchable phono inputs. Features discrete power components; Star circuitry. A/B speaker selector. FR 20-20,000 Hz ± 0.5 dB phono, 10-60,000 Hz $+0.5$, -1.5 dB line; S/N 82 dBA phono, 97 dBA line. 17 1/2 x 5 1/4 x 15 in; 17.6 lb\$349

M B L

Model 7005 50-W/ch Integrated Amplifier
2 channels. 50 W x 2 into 8 ohms or 80 x 2 into 4 ohms. 4 unbalanced inputs; 2 binding-post output pairs; balanced input; CD-direct input; MC/MM phono input; 2 tape outputs; main audio output. Remote control. FR 0-

90,000 Hz; slew rate 15 V/ μ s; damping factor 300; S/N 112 dB; THD 0.0035. 18 x 6 x 15 in; 40 lb\$4,290

M E R I D I A N

Model 551 50-W/ch Integrated Amplifier
2 channels. 50 W x 2 into 8 ohms with 0.05% THD. 6 analog inputs; line-level output. Features thermal and DC load protection. Adjustable input sens for each source; independent control of tape output; mute; 4-character alphanumeric display. S/N -90 dB. 12 1/2 x 3 1/2 x 12 1/2 in\$1,395

M I C R O M E G A

Tempo 1 50-W/ch Integrated Amplifier
2 channels. 50 W x 2 into 8 ohms from 20-20,000 Hz with 0.1% THD. 6 line-level inputs; tape-monitor loop; 2 sets of banana outputs. Upgradable to Tempo 2 or Tempo P. Variable input sens for each input; input designation from name library; variable display brightness; output muting; volume control with electronic lock of max level; remote control. MM/MC phono board optional. 17 x 3 1/4 x 11 1/4 in; 16 lb\$1,195

Tempo 2. As above, 75 W x 2 into 8 ohms from 20-20,000 Hz with 0.1% THD. Not upgradable\$1,395

N A D

Model 304 35-W/ch Integrated Amplifier
2 channels. 35 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. Two sets of 5-way binding posts; gold-plated phono and CD inputs; pre-out/main-in loops. Features discrete 4-transistor phono preamp. S/N 77 dB MM phono, 91 dB line; damping factor 100 at 50 Hz; dynamic headroom 5.5 dB. 16 1/2 x 4 1/4 x 14 1/4 in; 19.3 lb\$379

Model 302 25-W/ch Integrated Amplifier
2 channels. 25 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. 5-way binding posts; gold-plated phono input; pre-out/main-in loops. Features discrete 4-transistor phono preamp. S/N 77 dB MM phono, 90 dB line; damping factor 60 at 50 Hz; dynamic headroom 6 dB. 16 1/2 x 4 1/4 x 12 1/4 in\$269

N A I M

NAIT-3 30-W/ch Integrated Amplifier
2 channels. 30 x 2 into 8 ohms. MM/MC phono input; 5 line-level inputs. Features electronic switching. 17 1/2 x 2 1/4 x 12 in\$1,050

O N K Y O

Integra A-SV810PRO 325-W A/V Integrated Amp
5 channels; Dolby Pro Logic mode; DSP. 85 W x 3 (front, center) + 35 x 2 (rear) into 8 ohms or 180 x 2 max into 3 ohms. 6 video inputs including 5 S-video inputs; 10 audio inputs; 5 video outputs including 3 S-video outputs; 5 audio outputs; line-level subwoofer output. Features dual power transformers; motor-driven volume control. 8-mode digital sound-field processor; 10 sound-field presets; adjustable digital delay; record-out selector; mute switch; on-screen displays; programmable cursor key; FL display; Onkyo RI-system remote-control compatibility; remote control. FR 20-20,000 Hz; THD 0.06%; S/N 105 dB; damping factor 90. 18 x 6 1/4 x 16 1/2 in; 38.6 lb\$1,100

Integra A-809 105-W/ch Integrated Amplifier
2 channels. 105 W x 2 rms into 8 ohms or 303 x 2 max into 2 ohms. 5-way binding posts. Features discrete outputs, power supplies, and transformers; direct signal paths; dual-shielded-block construction with 2-panel chassis base; motor-driven volume control. Remote control. FR 20-20,000 Hz; THD 0.008%; S/N 107 dB; damping factor 150. 18 x 6 1/4 x 16 1/2 in; 36.8 lb\$669

Integra A-807. As above, 80 W x 2 rms into 8 ohms or 210 x 2 max into 2 ohms. 34.2 lb\$569

Integra A-SV620 250-W A/V Integrated Amp
5 channels; 5 DSP modes, Dolby Pro Logic. 70 W x 3 (front, center) + 20 x 2 (rear) into 8 ohms. 125 x 2

rms into 8 ohms, or 240 x 2 into 4 ohms. 8 audio and 3 video inputs. Features Motorola 24-bit DSP. Video dubbing capability; record-out selector; tone control; FL display; Onkyo RI-system compatibility; remote control. FR 20-30,000 Hz; THD 0.08%; S/N 100 dB; damping factor 60. 18 x 6 1/4 x 15 1/4 in; 29.8 lb\$650

A-803 60-W/ch Integrated Amplifier
2 channels. 60 W x 2 rms into 8 ohms or 135 x 2 max into 2 ohms. 7 audio inputs including MM/MC phono; 5-way binding posts. Features discrete output stage; source-direct mode. Multiroom capability; 4-way speaker selector; Onkyo RI-system compatibility; remote control. FR 20-20,000 Hz; THD 0.06%; S/N 102 dB; damping factor 40. 18 x 4 1/4 x 13 in\$365

A-RV410 110-W/ch Integrated Amplifier
2 channels. 110 W x 2 rms into 8 ohms or 200 x 2 into 4 ohms. 7 audio and 2 video inputs; front-panel video input. Features discrete outputs; motor-driven volume control; source-direct mode. Video dubbing capability; 4-way speaker selector; loudness control; mute switch; FL display; Onkyo RI-system compatibility; remote control. FR 20-20,000 Hz; THD 0.08%; S/N 102 dB; damping factor 40. 18 x 5 1/4 x 13 in; 22.2 lb\$300

P I O N E E R

A-301 40-W/ch Integrated Amplifier
2 channels. 40 W x 2 cont into 8 ohms from 20-20,000 Hz with 0.01% THD. 6 audio inputs. Features discrete output transistors; ch-sep enhancement circuit; complementary capacitor pair. 16 1/2 x 5 x 13 1/4 in\$325



Rotel RA-985BX

R O T E L

RA-985BX 100-W/ch Integrated Amplifier
2 channels. 100 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. Features toroidal transformer; slit-foil capacitors. Dual-zone capability; remote control. FR 4-100,000 Hz $+1$, -3 dB; S/N 97 dB; damping factor 400. 17 1/2 x 4 1/4 x 13 1/4 in\$800

RA-970BX 60-W/ch Integrated Amplifier
2 channels. 60 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. 6 inputs including 2 tape loops; headphones jack. Listen/record selector; tone defeat. FR 10-100,000 Hz $+1$, -3 dB; S/N 95 dB; damping factor 150. 17 1/2 x 3 1/4 x 12 in\$500

RA-930AX-II 30-W/ch Integrated Amplifier
2 channels. 30 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. 5 inputs including phono and tape loop; headphone jack. Tone defeat. FR 10-40,000 Hz ± 1 dB; S/N 100 dB line; damping factor 180. 17 1/2 x 3 1/4 x 12 in\$300

S O N Y

TA-F808ES 100-W/ch Integrated Amplifier
2 channels. 100 W x 2 into 8 ohms or 130 x 2 into 4 ohms. both from 20-20,000 Hz with 0.004% THD. Inputs for 6 line-level sources; phono input; line-level output; signal-processor loop; gold-plated input and speaker terminals. Features Class A MOSFET voltage stage; parallel push-pull complementary output stage with 4 MOSFET's per channel; spontaneous twin-drive power supply; 18,000- μ F filter capacitors; discrete output transistors; nonmagnetic MOSFET frame; 20-mm-thick shaved-aluminum-block heat sinks; OFC circuit-board traces; top and bottom plates made of cal-

Terms and abbreviations used in the listings are explained in the Glossary at the back of the Buyer's Guide.

cium carbonate reinforced with glass fiber; motor-driven input selector; moving-coil phono head amp; infrasonic filter. Source-direct switch; ability to listen to one source while recording another; mono/stereo switch; -20-dB mute switch; A/B speaker switching; remote control with controls for Sony sources. FR 2-200,000 Hz -3 dB line; S/N 93 dB MM, 79 dB MC, 105 dB line; damping factor 100 at 8 ohms, 1,000 Hz. 3-yr limited warranty. 17 x 6 1/2 x 17 1/2 in; 54.1 lb . . . \$1,700

TA-F707ES 90-W/ch Integrated Amplifier

2 channels. 90 W x 2 into 8 ohms or 120 x 2 into 4 ohms, both from 20-20,000 Hz with 0.004% THD. Inputs for 6 line-level sources; phono input; line-level output; signal-processor loop. Features Class A MOSFET voltage stage; parallel push-pull complementary output stage with 4 MOSFET's per channel; spontaneous twin-drive power supply; 15,000-µF filter capacitors; discrete output transistors; nonmagnetic MOSFET frame; calcium-carbonate chassis reinforced with glass fiber; motor-driven input selector; moving-coil phono head amp; infrasonic filter; die-cast aluminum heat sinks; aluminum front panel. Source-direct switch; ability to listen to one source while recording another; mono/stereo switch; -20-dB mute switch; A/B speaker switching; remote control with controls for Sony sources. FR 2-200,000 Hz -3 dB line; S/N 93 dB MM, 77 dB MC, 105 dB line; damping factor 100 at 8 ohms, 1,000 Hz. 3-yr limited warranty. 17 x 6 1/2 x 17 1/2 in; 46.8 lb . . . \$1,200

TA-F606ES 80-W/ch Integrated Amplifier

2 channels. 80 W x 2 into 8 ohms or 100 x 2 into 4 ohms, both from 20-20,000 Hz with 0.008% THD. Inputs for 5 line-level sources; phono input; signal-processor loop. Features power MOSFET output stage; parallel push-pull complementary output stage; spontaneous twin-drive power supply; discrete output transistors; nonmagnetic MOSFET frame; calcium-carbonate chassis reinforced with glass fiber; motor-driven input selector; moving-coil phono head amp; infrasonic filter; aluminum front panel. Source-direct switch; ability to listen to one source while recording another; mono/stereo switch; -20-dB mute switch; A/B speaker switching; remote control with controls for Sony sources. FR 2-200,000 Hz -3 dB line; S/N 94 dB MM, 76 dB MC, 105 dB line; damping factor 80 at 8 ohms, 1,000 Hz. 3-yr limited warranty. 17 x 5 1/2 x 14 1/2 in; 30.8 lb . . . \$700

SYMPHONIC LINE

RG-9 150-W/ch Integrated Amplifier

2 channels. 150 W x 2 into 4 ohms. Line-level inputs for 4 sources; tape-monitor and separate line-level outputs; MM/MC phono input. Features shielded power supply; solid-steel construction. FR 1-350,000 Hz. 54 lb . . . \$3,500

TEAC

A-BX10 100-W/ch Integrated Amplifier

2 channels. 100 W x 2 rms into 8 ohms with 0.04% THD or 160 x 2 into 4 ohms with 0.06% THD, both from 20-20,000 Hz. Inputs for 4 line-level sources; balanced-



Yamaha AX-490

XLR input; binding-post outputs. Features Balanced Circuit Configuration to cancel out power-supply noise and hum fields; power supplies with shielded toroidal power transformers and parallel-connected output-stage power transistors. FR 20-40,000 Hz -1 dB line; S/N 106 dB. Gold. 17 1/4 x 4 1/2 x 15 1/2 in . . . \$2,700
A-BX10B. As above, black . . . \$2,700

A-X5030 75-W/ch Integrated Amplifier

2 channels. 75 W x 2 rms into 8 ohms with 0.009% THD or 100 x 2 rms into 4 ohms with 0.025% THD, both from 20-20,000 Hz. 6 audio inputs including switchable MM/MC phono and 2 tape; binding posts. Source-direct switch; switchable infrasonic filter; separate listen and record selectors; bass, treble, and balance controls; loudness switch; mute; A/B speaker switching. FR 20-20,000 Hz ±0.5 dB phono, 5-100,000 Hz -3 dB line; S/N 80 dB MM, 67 dB MC, 101 dB line. 17 1/2 x 6 1/2 x 14 in . . . \$450

A-X1030 40-W/ch Integrated Amplifier

2 channels. 40 W x 2 rms into 8 ohms with 0.02% or 50 x 2 rms into 4 ohms with 0.04% THD, both from 20-20,000 Hz. 6 audio inputs including phono and 2 tape; mic input with level control; binding posts. Source-direct switch; independent listen and record selectors; bass, treble, and balance controls; loudness switch; A/B speaker switching; mic mixing. FR 20-20,000 Hz ±0.5 dB phono, 5-100,000 Hz -3 dB line; S/N 72 dB phono, 101 dB line. 17 1/2 x 5 x 14 in . . . \$290

TECHNICS

SU-A700 MkII 40-W/ch Integrated Amplifier

2 channels. 40 W x 2 into 8 ohms from 20-20,000 Hz with 0.01% THD. 5 line-level source inputs; phono input. Features MOS Class AA circuitry with MOSFET devices in Class A voltage-control amp and bipolar transistors in current-drive amp; transformer coil wound on R-shaped iron core to reduce flux leakage; vibration-damping base combining sheet steel and viscoelastic hard rubber. Tape-monitor switch; defeatable tone controls; balance control; A/B speaker switch; remote control . . . \$400

WOODSIDE

ISA230 30-W/ch Tube Integrated Amplifier

2 channels. 30 W x 2 into 8 ohms. 4 line-level inputs; tape monitor; MM phono input. Features four 5881, two ECC83, and two ECC81 vacuum tubes. S/N 85 dB line, 75 dB phono. 17 x 3 1/2 x 14 in . . . \$1,995
 Above without MM-phono stage . . . \$1,795

WRIGHT

Model 70-I 35-W/ch Tube Integrated Amplifier

2 channels. 35 W x 2 into 8 or 4 ohms. 6 line-level inputs; 3 selectable tape outputs: 1 fixed line-level output for multiroom distribution; pre-out/main-in loop; tape loop. Gold-plated jacks; 5-way binding posts. Features EL34 output vacuum tubes; separate power supplies for preamp and power-amp sections; regulated DC filament supply in preamp section; military-spec metal-film resistors; metallized polypropylene and polystyrene capacitors; individual output tube bias adjustment. Selectable 6-dB/oct high-pass filter on power-amp section at 100, 160, or 250 Hz; bass and treble controls; separate channel-level preset controls. Includes bias adjust-

ment meter. Dark-oak side panels with black anodized nonmagnetic chassis. 3-yr warranty. 18 x 9 x 13 in; 45 lb . . . \$1,550

YAMAHA

DSP-A2070 340-W A/V Integrated Amplifier

7 channels; digital Dolby Pro Logic; 11 Cinema DSP modes including Spectacle, Musical, Recital, and Pavilion; 12 DSP Music modes; DSP. 80 W x 3 (front, center) into 8 ohms from 20-20,000 Hz with 0.015% THD + 25 x 4 (effects) with 0.05% THD. 5 audio and 6 A/V inputs; S-video connectors; front-panel S-video A/V inputs; video-monitor output; pre-out/main-in loops for L/R front effects, center channel, and L/R rear effects; center-channel outputs for 2 speakers; subwoofer output. Features 19-bit A/D converters; interpolative 18-bit D/A converters; motor-driven input selector and volume control. Parameter controls including effect trim, front-effect presence, rear-effect delay time, and reverb; variable subwoofer test-tone generator; parameter-reset button; 7-dB bass boost at 70 Hz; digital test-tone generator; 5-band center-channel graphic EQ; record-out selector; input-level overload indicator; on-screen displays; remote control. 46.4 lb . . . \$1,999

DSP-A780 245-W A/V Integrated Amplifier

5 channels; digital Dolby Pro Logic with one 35-mm and two 70-mm enhancement modes; 12 Cinema and 4 Music DSP modes; Animation, Video game, Karaoke, TV Sports, TV Theater, and Classic Film Entertainment modes; DSP. 65 W x 3 (front, center) from 20-20,000 Hz with 0.015% THD + 25 x 2 at 1,000 Hz with 0.03% THD, both into 8 ohms. 5 audio and 3 A/V inputs including S-video inputs and front-panel S-video A/V input; center-channel outputs for 2 speakers; subwoofer output; 2-way binding posts for front and center channels. Features motor-driven volume control. Surround parameter controls; center- and rear-channel level controls; normal, wide, and phantom center-channel modes; A/V record-out selector; mute; on-screen menus and displays including 3-dimensional listening room for system setup; remote control with volume control. 17 1/2 x 5 1/2 x 16 1/2 in . . . \$899

KPA-501 65-W/ch Karaoke Integrated Amplifier

2 channels. 65 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.05% THD. 6 audio inputs; 3 A/V inputs. Digital karaoke; Ballad, Pops, Jazz, and Rock digital karaoke surround modes; 13-step digital key control; one-touch karaoke; digital echo; vocal aid to automatically mute recorded vocals upon singing; auto audio or video recording; remote control. Mic optional. 11 1/2 x 5 x 11 1/2 in . . . \$499

AX-570 100-W/ch Integrated Amplifier

2 channels. 100 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.015% THD or 290 x 2 into 2 ohms. 6 audio inputs with 2 tape loops; MM/MC phono input; pre-out/main-in loops; 3-way binding posts; 3 switched AC outlets; gold-plated CD-input terminal. Features antivibration antiresonance chassis and base; linear damping circuit; motor-driven input selector and volume control. Variable loudness control; record-out selector; switchable infrasonic filter; system remote control. S/N 110 dB; damping factor 320. 17 1/2 x 5 1/2 x 15 1/2 in; 24.3 lb . . . \$499

AX-490 85-W/ch Integrated Amplifier

2 channels. 85 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.019% THD. 6 audio inputs including 2 tape; gold-plated CD input; 3-way speaker terminals; 3 switched AC outlets. Features pure-direct mode; antivibration antiresonance base. System remote control. 17 1/2 x 5 1/2 x 15 1/2 in . . . \$399

YBA

YBA 50-W/ch Integrated Amplifier

2 channels. 50 W x 2 into 8 ohms. Phono input; 5 line-level inputs; 2 outputs per channel; biwire outputs. Damping factor 300 at 100 Hz. 3-yr warranty. 17 1/2 x 14 1/2 x 3 in; 15.4 lb . . . \$1,850
 Without phono input . . . \$1,700

Information in these listings is provided by the manufacturers. To contact a manufacturer, see the Directory at the back of the Buyer's Guide for addresses and phone numbers.

ACCUPHASE

A-100 100-W Mono Amplifier

1 channel. 100 W into 8 ohms with 0.1% THD, 200 W into 4 ohms, or 400 W into 2 ohms, all cont avg from 20-20,000 Hz. Features Class A design with 16 transistors, 44 FET's, 10 IC's, and 44 diodes. Power-level meter. FR 20-20,000 Hz; S/N 120 dBA; damping factor 250 into 8 ohms, 50 Hz. 18 1/4 x 9 1/2 x 21 1/2 in; 125.7 lb\$19,995

A-50 50-W/ch Amplifier

2 channels. 50 W x 2 or 200 W x 1 into 8 ohms, both cont avg into 8 ohms from 20-20,000 Hz with 0.02% THD. Features circuit-breaker protection. Balanced and unbalanced inputs. Input-level controls; 2 digital power meters. FR 20-20,000 Hz -0.2 dB; S/N 110 dBA; damping factor 160 stereo. 18 1/4 x 9 1/2 x 19 1/4 in; 106.9 lb\$17,695

P-550 270-W/ch Amplifier

2 channels. 270 W x 2 or 840 x 1 into 8 ohms. Features circuit-breaker protection; current-feedback circuit topology; P-channel and N-channel drive MOSFET circuits; 10 multiple-emitter transistors in parallel push-pull output stage; balanced signal transmission; toroidal transformer; gold-plated signal paths; temperature-compensation sensor transistor; aluminum heat sink. Balanced inputs; gold-plated inputs; two sets of switchable outputs. A/B speaker selector; input/bridge selector; analog L/R output meters. FR 20-20,000 Hz; THD 0.02% from 4 to 16 ohms stereo; S/N 123 dBA; damping factor 250 mono, 500 stereo. Champagne-gold brush-finished aluminum front panel. 18 1/4 x 8 1/2 x 17 1/2 in; 72.8 lb\$9,995

P-350 150-W/ch Amplifier

2 channels. 150 W x 2 or 420 x 1 into 8 ohms. Features current feedback circuit topology; Class A PNP transistor predriver; 4 multiple-emitter transistors in parallel push-pull output stage; balanced signal transmission; 700-VA power transformer; aluminum electrolytic capacitors; temperature sensor for bias-stabilizer circuit; DC servo op-amp; current feedback input buffer; aluminum heat sink. Balanced inputs; unbalanced input; gold-plated inputs; 2 sets of switchable outputs. A/B speaker selector; input/bridge selector. FR 20-20,000 Hz; THD 0.02% into 4 to 16 ohms; S/N 120 dBA; damping factor 180 mono, 360 stereo. Champagne-gold brush-finished aluminum front panel. 18 1/4 x 6 3/4 x 17 1/2 in; 52 lb\$5,995

ACURUS

Model 200x3 600-W Amplifier

3 channels. Designed for multichannel home theater systems. 200 W x 3 cont into 8 ohms from 20-20,000 Hz with 0.06% THD or 250 x 3 cont into 4 ohms. Features symmetrical circuit topology; glass-epoxy circuit boards; 1% metal-film resistors; metalized polypropylene capacitors. S/N 110 dBA. 19-in rack-mountable front panel optional. 17 x 7 x 15 in; 45 lb\$1,299

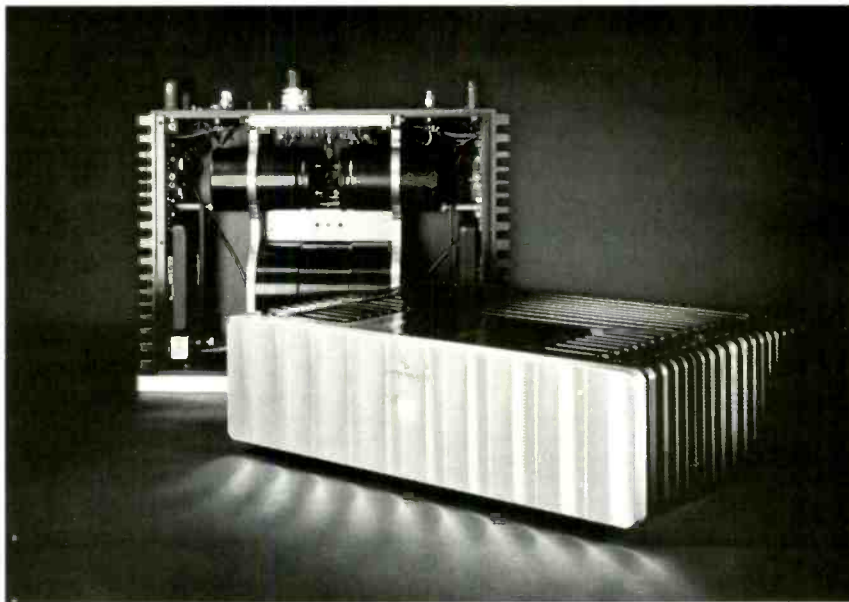
Model 100x3. As above, 100 W x 3 cont\$899

A250 250-W/ch Amplifier

2 channels. 250 W x 2 cont into 8 ohms from 20-20,000 Hz with 0.06% THD or 350 x 2 into 4 ohms. Features hand crafting; symmetrical circuit topology; Class A fully discrete input and driver stage without integrated circuits; bipolar Class A/B output stage; glass-epoxy circuit board; 1% metal-film resistors; metalized polypropylene capacitors; transistors matched for Beta characteristics; 1,000-VA toroidal transformer; aluminum heat sinking. S/N 110 dBA. 19-in front panel optional. 17 x 5 x 12 in; 35 lb\$995

A150 150-W/ch Amplifier

2 channels. 150 W x 2 cont into 8 ohms from 20-20,000 Hz with 0.06% THD or 200 x 2 into 4 ohms. Features hand crafting; glass-epoxy circuit board; bipolar output transistors; toroidal output transformer; 1% metal-film resistors. S/N 110 dBA. 19-in rack-mountable front panel optional. 17 x 5 x 10 in; 32 lb\$699



Jeff Rowland Design Group Model 2

ADCOM

GFA-5800 250-W/ch Amplifier

2 channels. 250 W x 2 into 8 ohms or 400 x 2 into 4 ohms. Features 32 precision-matched MOSFET output devices; thermally controlled forced-air cooling. FR 10-20,000 Hz -0.25 dB; THD 0.18%; S/N 100 dB. 17 x 8 1/2 x 14 1/4 in; 57 lb\$1,600

GFA-7000 625-W THX Amplifier

5 channels. 125 W x 5 into 8 ohms. Features THX certification. Independent level control for each channel\$1,300

GFA-5500 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms or 350 x 2 into 4 ohms. Features 1-ohm stability; low-negative-feedback all-MOSFET design; constant damping factor. FR 10-20,000 Hz -0.25 dB; THD 0.18%; S/N 110 dB. 17 x 7 1/4 x 12 1/4 in; 35 lb\$1,000

GFA-5400. As above, 125 W x 2 into 8 ohms or 200 x 2 into 4 ohms. 24 lb\$700

GFA-535II. As above, 60 W x 2 into 8 ohms or 100 x 2 into 4 ohms. 17 x 3 1/2 x 12 1/2 in; 20 lb\$400

GFA-6000 420-W Amplifier

5 channels. 100 W x 3 + 60 x 2 into 8 ohms. Level controls for each channel. FR 10-20,000 Hz -0.25 dB; THD 0.09%; S/N 102 dB. 17 x 5 1/2 x 14 1/4 in; 32 lb\$900

GFA-2535/L 240-W Amplifier

4 channels. 60 W x 4 or 60 x 2 + 200 x 1 into 8 ohms. Level controls for each channel. FR 10-20,000 Hz -0.5 dB; THD 0.06%; S/N 100 dB. 17 x 5 1/2 x 14 in; 32 lb\$700

A/D/S/

PH6 750-W Amplifier

6 channels. 125 W x 6, 125 x 4 + 250 x 1, 125 x 2 + 250 x 2, or 250 x 3, all into 4 ohms from 20-20,000 Hz. Features 2-ohm load capability; discrete Class AB design; 130,000-µF capacitors; variable-speed cooling fan. DIN and gold-plated RCA inputs. Remote turn-on\$2,499

AIR TIGHT

ATM-3 100-W Mono Tube Amplifier

1 channel. 100 W in triode mode. Features six 6CA7, one 12AX7, and one 12AU7 vacuum tubes; triple-push-pull circuitry; hand crafting; selectable Ultralinear or triode tube mode; no printed circuit boards;

Tamura output-stage transformer. Adjustable bias for each 6CA7 output tube; 30-second turn-on delay; tube bias meter. FR 20-20,000 Hz ±1 dB; S/N 100 dBA\$13,995/pr

ATM-2 80-W/ch Tube Amplifier

2 channels. 80 W x 2 into 8 ohms at 1,000 Hz with 1% THD. Features four KT-88 output tubes; two 12AX7A, two 12AU7A, and two 12BH7A tubes; hand crafting; OFC wiring; cathode-follower direct drive; no printed circuit boards; copped-plated chassis and bottom plate; Tamura output transformers; 8-mm-thick extruded-aluminum front panel. CD-direct input. Adjustable tube bias. FR 20-20,000 Hz ±1 dB; S/N 100 dBA\$8,750

ATM-4 24-W/ch Amplifier

2 channels. 24 W x 2 or 48 x 1, both into 8 ohms with 0.1% THD. Features four 6L6GC output tubes; two 6FQ7 tubes; one 12AT7 vacuum tube; individually soldered internal lead wires; adjustable balance-check circuit; multiple chassis coating; selected metal-film capacitors; large wire-coiled pots. FR 20-20,000 Hz ±1 dB; S/N 100 dB. 15 1/4 x 8 1/4 x 13 1/2 in; 50.6 lb\$5,650

ATM-1 36-W/ch Amplifier

2 channels. 36 W x 2 into 8 ohms at 1,000 Hz with 1% THD. Features four 6CA7, two 12AU7, one 12AX7, and two 5AR4 vacuum tubes; Mullard phase inversion; OFC wiring; cathode-follower direct drive; Tamura transformers; no printed circuit boards. CD-direct input. FR 20-20,000 Hz ±1 dB; S/N 100 dBA\$4,995

AMC

CVT2100 80-W/ch Tube Amplifier

2 channels. 80 W x 2. Features Class AB1 tube output stage; custom output transformers; Class A operation of input driver stage. Balanced and bridging input modules optional\$999

CVT2030 30-W/ch Amplifier

2 channels. 30 W x 2. Features Class A tube output stage; custom output transformers; Class A operation for input driver-stage. Balanced and bridging input modules optional\$699

Model 2445 180-W Amplifier

4 channels. 45 W x 4, 90 x 1 + 45 x 2, or 90 x 2. Features power-supply and output transistors. Variable input sens\$399

Options

For CVT2100 or CVT2030

MD2103. Balanced-input module\$249
MD2102. Bridging/balanced-input module\$149

AMERICAN HYBRID TECHNOLOGY

AHT/300 300-W Mono Tube Amplifier

1 channel. 300 W. Available through custom order only. Features silver-porcelain tube sockets; Teflon capacitors; Caddock power resistors; Vishay load and signal resistors; custom output and power transformers; regulated power supplies for driver, output, and bias stages; driver filament regulation; separately regulated negative and positive power-tube filaments. WBT inputs and outputs\$30,000/pr

ARAGON

Palladium 100-W Mono Amplifier

1 channel. 100 W cont into 8 ohms with 0.02% THD or 600 W into 4 ohms, both from 5-20,000 Hz. Features balanced dual-differential design via 2 discrete amplifiers in single chassis; separate amplification of positive and negative balanced-input signals; 2,000-VA transformer; Class A operation with Class A/B mode into 2 or 4 ohms. S/N 112 dB. 19 x 6 1/2 x 14 1/2 in; 75 lb\$5,000/pr

Model 8008 Balanced 200-W/ch Amplifier

2 channels. 200 W x 2 cont into 8 ohms with 0.03% THD or 400 x 2 into 4 ohms, both from 5-20,000 Hz. Features dual-mono design with individual toroidal transformers; direct circuit coupling with no capacitors in signal path; DC servo control; matched output transistors; auto bias circuitry. S/N 110 dBA. 19 x 6 1/2 x 14 1/2 in; 75 lb\$2,499

Model 8008 200-W/ch Amplifier

2 channels. 200 W x 2 cont into 8 ohms with 0.03% THD or 400 x 2 into 4 ohms, both from 5-20,000 Hz. Features dual-mono design; dual-wound toroidal transformer; direct circuit coupling with no capacitors in signal path; matched output transistors; auto bias circuitry; DC servo control. S/N 110 dBA. 19 x 6 1/2 x 14 1/2 in; 70 lb\$1,999

Model 8002 125-W/ch Amplifier

2 channels. 125 W x 2 cont into 8 ohms with 0.03% THD or 200 x 2 cont into 4 ohms, both from 5-20,000 Hz. Features dual-mono design; dual-wound toroidal transformer; direct circuit coupling with no capacitors in signal path; matched output transistors; auto bias circuitry. S/N 110 dBA. 19 x 6 1/2 x 14 1/2 in; 55 lb\$1,499

ARBITER BY DYNAUDIO

Monoblock 1,150-W Mono Amplifier

1 channel. 1,150 W into 4 ohms. Designed to have sufficient reserves in all situations and show no dynamic compressions. Features output transistors with constant current of 120 amperes\$80,000

ARCAM

Delta 290-P 75-W/ch Amplifier

2 channels. 75 W x 2 into 8 ohms or 100 x 2 into 4 ohms, both from 20-20,000 Hz with 0.02% THD. Features directly coupled power amplifiers closely linked to 400-VA toroidal power supply. 2 parallel pairs of gold-plated connectors; mono connection for biwiring; 2 independent output pairs. Speaker switching. FR 10-20,000 Hz ± 0.5 dB; S/N 100 dB. 17 1/4 x 3 3/4 x 12 in; 13.6 lb\$649

AUDIO ADVANCEMENTS

Trimax 45-W Mono Tube Amplifier

1 channel. 45 W. Features 807 tetrode output tube. FR 5-110,000 Hz; THD 0.1%. 9 1/4 x 7 1/4 x 18 in\$2,950/pr
Designer version. 9 1/2 x 8 1/4 x 16 1/2 in\$4,250/pr

Earmax 100-mW/ch Tube Headphone Amplifier

2 channels. 100 mW x 2. Features Class A output stage; computer-optimized external power supply.

RCA inputs; headphone jack. FR 4-1,000,000 Hz. 3 3/4 x 3 3/4 x 4 in; 1 lb\$575

AUDIO ALCHEMY

Overture OM50A 40-W/ch Amplifier

2 channels. 40 W x 2 into 8 ohms, 70 x 2 into 4 ohms, 120 x 2 into 2 ohms, or 150 x 2 into 1 ohm. Features Class A design; fully complementary and symmetrical design; dual-mono design including dual power transformers; separate low- and high-level power supplies; external upgradable power supply; 160,000- μ F power-supply capacitance. Slew rate 275 V/ μ s\$1,595

Overture OM150 150-W/ch Amplifier

2 channels. 150 W x 2 into 8 ohms or 250 x 2 into 4 ohms. Features dual-mono isolated design; all-discrete dual-differential signal path complementary from input to output; thermally matched transistor pairs in input stage; stages up to outputs biased into their Class A region; Class AB output stage; current-limiter circuit; active servo loop to control DC offset; speaker terminals attached to circuitry through custom-made 4-gauge OFC buss bars; external power supply with 30,000- μ F capacitance per channel divided into 3 separate regulation stages; ability to accept second power supply. Power and clipping indicators; muting standby switch. FR 20-20,000 Hz ± 0.05 dB; THD 0.08%; S/N 100 dBA; slew rate 275 V/ μ s; dynamic headroom 1.5 dB. 2-yr limited warranty. 13 1/2 x 3 3/4 x 14 1/2 in. Power supply 4 1/2 x 3 1/2 x 14 1/2 in\$1,195

HPA v1.0 1-W Headphone Amplifier

Features hybrid Class A complementary output stage; external AC power supply; fully regulated internal DC power supply. Filter to move image from inside head to out in front; processor-bypass switch. 5-yr parts-and-labor warranty. 4 x 5 x 1 1/2 in; 1 lb including external power supply\$295

AUDIO BY VAN ALSTINE

FET-Valve 500hc 250-W/ch Tube Amplifier

2 channels. 250 W x 2 into 8 ohms. Features hybrid design with vacuum tube and Class A MOSFET transimp circuitry. THD 0.04%. 17 x 7 x 13 in; 38 lb\$1,695
FET-Valve 300hc. As above, 150 W x 2 into 8 ohms. 33 lb\$1,395

Omega III 440 220-W/ch Amplifier

2 channels. 220 W x 2 into 8 ohms. Features active feedback design. THD 0.05%; slew rate 150 V/ μ s. 17 x 7 x 13 in; 38 lb\$1,095
Omega III 260. As above, 130 W x 2 into 8 ohms. 30 lb\$795
Omega III 200. As Omega III 260, 90 W x 2 into 8 ohms. 26 lb\$645

AUDIO DESIGN ASSOCIATES

MPA-500 2,000-W THX Amplifier

5 channels. 400 W x 5. Designed for home theater systems. Features THX certification; separate power supply. 19 x 5 1/4 x 16 1/2 in\$5,999

PBA-500 500-W Mono Amplifier

1 channel. 500 W cont avg into 8 ohms from 20-200 Hz with 0.06% THD or 325 W into 4 ohms. Designed for subwoofers. Features toroidal power transformer; fan cooling; fuse protection. LED power meter; variable level, frequency, and bandwidth controls. S/N 101 dB; slew rate 10 V/ μ s. 19 x 5 1/4 x 16 1/2 in; 32 lb\$2,299

BPA-500 500-W Mono THX Amplifier

1 channel. 500 W. Designed for subwoofers. Features THX certification. 5 1/4 x 19 x 16 1/2 in\$2,199

PBA-50 50-W Mono Amplifier

1 channel. 50 W into 8 ohms from 20-20,000 Hz with 0.02% THD or 80 W into 4 ohms. Designed for subwoofers. Features toroidal power transformer; fan cooling. Variable level, frequency, and bandwidth controls; LED power meter. S/N 104 dB; slew rate 10 V/ μ s\$2,099

PTM-6150 900-W THX Amplifier

6 channels. 150 W x 6 into 8 ohms or 250 x 6 into 4 ohms. Designed for home theater systems. Features THX certification; 1,500-W toroidal transformer; 0.25-farad capacitance; fan cooling; custom heat-sink design; Class A/B output stage. Banana-plug outputs. FR 20-20,000 Hz; THD 0.006% at 1,000 Hz. 5 1/4 x 19 x 20 in\$1,999

MPA-6 700-W Amplifier

6 channels. 90 W x 5 + 250 x 1 (subwoofer). Designed for home theater systems. Subwoofer output with level control and crossover; 5-way binding posts. Subwoofer crossover variable from 20-200 Hz. Variable input sens and LED power indicators for each channel. 5 1/4 x 19 x 16 1/2 in; 32 lb\$1,699

PF-250 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms from 20-20,000 Hz with 0.07% THD, 160 x 2 into 4 ohms, or 240 x 2 into 2 ohms. Features MOSFET circuitry; 2-ohm stability; toroidal transformer; fan cooling. LED power meter. S/N 95 dB; slew rate 15 V/ μ s. 19 x 5 1/4 x 16 1/2 in; 37 lb\$1,699

MPA-5 575-W Amplifier

5 channels. 115 W x 5. Designed for home theater systems. 5-way binding posts. Variable input sens and LED power indicator for each channel. 5 1/4 x 19 x 16 1/2 in; 32 lb\$1,599

PF-200 60-W/ch Amplifier

2 channels. 60 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.07% THD, 110 x 2 into 4 ohms, or 240 x 2 into 1/2 ohm. Features MOSFET circuitry; 1/2-ohm load capability; toroidal transformer; fan cooling; fuse protection. LED output meters. S/N 95 dB; slew rate 10 V/ μ s\$1,499

Delta 650 300-W Amplifier

6 channels. 50 W x 6. Designed to power 3 zones; matches Delta 3 preamplifier. Features line conditioners to prevent turn-on/off thump; 4-ohm capability\$1,199

PT-125 60-W/ch Amplifier

2 channels. 60 W x 2 into 8 ohms. Features input level adjustment per channel; 2-ohm load stability; fan cooling. LED indicator. 19 x 1 3/4 x 19 in\$1,199

AUDIO INNOVATIONS

Second Audio 15-W Mono Tube Amplifier

1 channel. 15 W. Features triode Class A design; all hand-wired circuitry; silver-wired signal path; paper signal capacitors; zero negative feedback; ground-isolation switch. 4- and 8-ohm outputs\$5,000/pr
First Audio. As above, 2 channels. 7.5 W x 2\$2,500

S1000SE 50-W Mono Tube Amplifier

1 channel. 50 W. Features Class A design; four EL34 output tubes per side; silver circuit board; silver signal wiring; ground-isolation switch\$4,250/pr

S1000 50-W Mono Tube Amplifier

1 channel. 50 W. Features Class A design; four EL34 output tubes per side; ground-isolation switch. 4- and 8-ohm outputs\$2,700/pr

S800 25-W/ch Tube Amplifier

2 channels. 25 W x 2. Features Class A design; four EL34 output tubes; ground isolation switch. 4- and 8-ohm outputs\$1,400

AUDIOLAB

Model 8000P MkII 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms or 175 x 2 into 4 ohms. Features dual-mono design; toroidal transformer with split secondaries; differential-FET input design; bipolar output stage; overload protection. 2 sets of outputs. Mute. FR 3-75,000 Hz; THD 0.05%; S/N 95 dB. 17 1/2 x 3 x 13 in; 21 lb\$1,195

Model 8000M 125-W Mono Amplifier

1 channel. 125 W into 8 ohms or 200 W into 4

ohms. Features toroidal transformer; overload protection. 2 sets of Inputs; 2 sets of outputs. Mute. FR 1-75,000 Hz; THD 0.05%; S/N 95 dB. 17½ x 3 x 13 in; 21 lb\$1,195

AUDIO NOTE

Gaku-On 45-W Mono Tube Amplifier
1 channel. 45 W. Features two Western Electric 845 output tubes in parallel single-ended configuration; 6072A and 5687 line and driver tubes; Class A design; hand-wound output transformers with pure silver on ceramic-leaf core materials; tantalum-film resistors with silver end caps and lead-out wires; hand-made silver-foil signal capacitors. 8½ x 9¼ x 21 in\$252,500/pr

Kegon 17-W/ch Tube Amplifier
2 channels. 17 W x 2. Features two Western Electric 300B tubes per channel; 6072A and 5687 line and driver tubes; hand-wound output transformers with pure silver on ceramic-leaf core materials; tantalum-film resistors with silver end caps and lead-out wires; hand-made silver-foil signal capacitors. 20¾ x 9 x 14¾ in\$123,400

Kagekl 7.5-W/ch Tube Amplifier
2 channels. 7.5 W x 2. Features two 2A3 output tubes per channel; 6072A and 5687 line and driver tubes; hand-wound output transformers with pure silver on ceramic-leaf core materials; tantalum-film resistors with silver end caps and lead-out wires; hand-made silver-foil signal capacitors. 18½ x 8 x 15½ in\$77,300

Neiro 7.5-W/ch Tube Amplifier
2 channels. 7.5 W x 2. Features hand crafting; parallel single-ended 2A3 tubes; no-feedback Class A design; copper chassis; 99.99% pure-silver wiring; tantalum-film resistors; paper-in-oil capacitors; tube rectification; choke power supplies; age-annealed pure-copper transformer windings. Input-level controls. 18 x 8¾ x 14¾ in\$19,300
Neiro/Silver. As above, with hand-made silver-foil signal capacitors. 18½ x 8 x 15½ in\$22,700
Shinri/Silver. As above, with single 300B tube per channel\$36,500
Kassai/Silver. As Neiro/Silver, 17 W x 2. 300B tubes instead of 2A3s. 20¾ x 9 x 14¾ in\$52,600

P4 Classic Mono 17-W/ch Mono Tube Amplifier
1 channels. 17 W. Features two direct-heated 300B tubes per channel in parallel single-ended configuration; open chassis; Class A design. 7 x 7 x 18 in; 30 lb\$6,995/pr

P3 Classic Stereo 8.5-W/ch Tube Amplifier
2 channels. 8.5 W x 2. Features 300B tube per channel in single-ended operation; open chassis; zero-feedback Class A design; Black Gate electrolytics in power supply. 7 x 7 x 18 in; 25 lb\$2,895
P3 Classic Mono. As above, mono. 21 lb\$3,895/pr

P2 SE 17-W/ch Tube Amplifier
2 channels. 17 W x 2. Features two 6L6GC output tubes; 6LS7 line and driver tubes; Class A design. 11½ x 5¼ x 17½ in; 38 lb\$2,895
P2/Signature SE. As above, selected premium parts and tubes\$3,695

P1 SE 10-W/ch Tube Amplifier
2 channels. 10 W x 2. Features two EL84 output tubes; 6LS7 line and driver tubes; Class A design. 11½ x 5¼ x 17½ in; 28 lb\$1,995

AUDIO RESEARCH

VT150SE 130-W Mono Tube Amplifier
1 channels. 130 W cont into 16 ohms from 20-20,000 Hz with 1% THD. Features six 6550, one 12AX7, four 12BH7A, and two 6922 vacuum tubes. Balanced Inputs. AC and bias meters. FR 2-200,000 Hz -3 dB; slew rate 17 V/µs. 14½ x 12 x 22 in; 62 lb\$7,495
VT150 130-W. As above, but without AC and bias meters\$5,995

VT130 SE 110-W/ch Tube Amplifier
2 channels. 110 W x 2 cont into 16 ohms from 20-20,000 Hz with 1% THD. Features four 6550, two 12BH7A, and four 6922 vacuum tubes. Balanced inputs. AC and bias meters. FR 5-160,000 Hz -3 dB; slew rate 17 V/µs. 14½ x 12 x 22 in; 69 lb\$6,995
VT130. As above, no AC and bias meters\$4,995

D400 MkII 200-W/ch Amplifier
2 channels. 200 W x 2 into 8 ohms or 400 x 2 into 4 ohms. Features bridgeable design; power transformer dedicated to supplying input stage; direct-coupled multiple-emitter transistors for output stage and input-stage drivers; elastomer feet for isolation/damping. Balanced-XLR and unbalanced-RCA inputs; inverting unbalanced inputs. Slew rate 50 V/µs. 19 x 9 x 17¼ in; 76 lb\$5,495
D300. As above, 160 W x 2 into 8 ohms or 300 x 2 into 4 ohms. Without dedicated input-stage transformer or inverting unbalanced inputs. 19 x 7 x 12¾ in; 48 lb\$3,995
D200. As D300. 110 W x 2 into 8 ohms or 200 x 2 into 4 ohms. 19 x 5¼ x 11¾ in; 32.5 lb\$2,495

SDA1 400-W Amplifier
4 channels. 100 W x 4 into 8 ohms, 150 x 4 into 4 ohms, 100 x 2 + 300 x 1 into 8 ohms, or 300 x 2 into 8 ohms. Balanced and unbalanced inputs. Slew rate 50 V/µs. 19 x 5¼ x 12¾ in; 37.2 lb\$3,495

VT60SE 50-W/ch Tube Amplifier
2 channels. 50 W x 2. Unbalanced inputs. FR 3-40,000 Hz; slew rate 7 V/µs. 14 x 7 x 13¼ in; 32.7 lb\$2,495
VT60. As above, no front-panel assembly\$1,995

VTM120SE 110-W Mono Tube Amplifier
1 channel. Unbalanced input; 4-, 8-, or 16-ohm outputs. Front panel assembly. FR 1-100,000 Hz; slew rate 15 V/µs. 14 x 7 x 13¼ in; 32.7 lb\$2,495
VTM120. As above, no front-panel assembly\$1,995

AUDIOSOURCE

AMP One 80-W/ch Amplifier
2 channels. 80 W x 2 rms into 8 ohms or 200 x 1 into 4 or 8 ohms. Features soft-clipping circuitry; toroidal power supply. Separate high- and medium-level inputs. A/B speaker selector; 2-stage output meters. FR 20-20,000 Hz ±0.5 dB; THD 0.04%; S/N 110 dB; dynamic headroom 2 dB. 16½ x 2½ x 11½ in\$300

AUDIRE

Monarch 100-W Mono Amplifier
1 channel. 100 W into 8 ohms, 200 W into 4 ohms, 380 W into 2 ohms, or 720 W into 1 ohm, all from 20-20,000 Hz with 0.008% THD. Features Class A design; 30 output transistors; thermal protection. LED transistor/fuse monitoring. FR 2-100,000 Hz -1 dB; slew rate 50 V/µs; damping factor 1,500 at 1,000 Hz. 23 x 42 x 5½ in; 115 lb\$30,000/pr

Parlando 100-W/ch Amplifier
2 channels. 100 W x 2 into 8 ohms, 200 x 2 into 4 ohms, or 360 x 2 into 2 ohms, all from 20-20,000 Hz with 0.02% THD. Features dual-mono Class A design; 32 output transistors and 8 drivers; 1-ohm capability. Unbalanced RCA and balanced-XLR inputs. 2 power switches. FR 2-100,000 Hz -1 dB; slew rate 50 V/µs; damping factor 800 at 1,000 Hz. 3-yr parts-and-labor warranty. 19 x 8¾ x 18½ in; 85 lb\$3,741

Otez 250-W/ch Amplifier
2 channels. 250 W x 2 into 8 ohms, 500 x 2 into 4 ohms, 800 x 2 into 2 ohms, or 1,000 x 1 into 8 ohms. Features dual-mono Class AB design; one fuse for every 2 output transistors; protection circuitry not in signal path; 2 circuit-breaker/power switches. Unbalanced RCA and balanced-XLR inputs. FR 2-100,000 Hz -1 dB; slew rate 50 V/µs; damping factor 850 at 1,000 Hz. 3-yr parts-and-labor warranty. 19 x 8¾ x 18½ in; 85 lb\$3,569

Tenendo 200-W/ch Amplifier
2 channels. 200 W x 2 into 8 ohms or 400 x 2 into 4

ohms, both from 20-20,000 Hz with 0.05% THD. Features dual-mono Class AB design; 8 bipolar output devices per channel; 2 combination circuit-breaker/power switches; protection circuitry not in signal path. Balanced-XLR and unbalanced-RCA inputs. FR 2-100,000 Hz -1 dB; slew rate 50 V/µs; damping factor 700 at 1,000 Hz. 3-yr parts-and-labor warranty. 19 x 7 x 10 in; 45 lb\$2,154
MOSFET version\$2,354

Forte 125-W/ch Amplifier
2 channels. 125 W x 2, 250 x 2 into 4 ohms, or 400 x 2 into 2 ohms, all from 20-20,000 Hz. Features dual-mono MOSFET design. Balanced-XLR and unbalanced-RCA inputs. 2 power switches. FR 2-100,000 Hz -1 dB; slew rate 50 V/µs; damping factor 350 at 1,000 Hz. 19 x 5¼ x 10 in; 41 lb\$1,467
Dual-mono bipolar version\$1,360

Crescendo 75-W/ch Amplifier
2 channels. 75 W x 2 into 8 ohms or 130 x 2 into 4 ohms, both from 20-20,000 Hz. Features MOSFET design. Balanced-XLR and unbalanced-RCA outputs. FR 2-100,000 Hz; slew rate 45 V/µs; damping factor 300 at 1,000 Hz. 19 x 5¼ x 9 in; 22 lb\$825
Bipolar version\$760

AYRE

V-3 100-W/ch Amplifier
2 channels. 100 W x 2 into 8 ohms or 200 x 2 into 4 ohms. Features inductor-input power-supply filter; all FET circuitry; zero feedback. 55 lb\$3,450

B&K COMPONENTS

TX4430 600-W Amplifier
3 channels. 200 W x 3 into 8 ohms. Designed for home theater or multiroom system. Features discrete MOSFET design. Gold-plated connectors for each channel; balanced inputs for 2 channels. FR 5-45,000 Hz; S/N 95 dB; slew rate 14 V/µs; dynamic headroom 1.2 dB. 17 x 5¼ x 16 in; 40 lb\$1,498

AV6000 630-W Amplifier
6 channels. 105 W x 6 into 8 ohms. Designed for home theater or multiroom system. Features 6 discrete amplifiers. Gold-plated connectors. Individual level controls for each channel. FR 5-45,000 Hz; S/N 90 dB; slew rate 20 V/µs; dynamic headroom 0.9 dB. 17 x 5¼ x 16 in; 40 lb\$1,298

EX4420 MBAL 200-W Mono Amplifier
1 channel. 200 W into 8 ohms or 400 W into 4 ohms. Features Class A predriver with MOSFET output stage; toroidal transformer. Balanced inputs. FR 5-45,000 Hz; S/N 95 dB; slew rate 14 V/µs; dynamic headroom 1.4 dB. 17 x 5¼ x 16 in; 40 lb\$1,248

AV5000 435-W Amplifier
5 channels. 105 W x 3 + 60 x 2 into 8 ohms. Designed for home theater or multiroom system. Features discrete MOSFET design. Individual level controls. FR 5-45,000 Hz; S/N 95 dB; slew rate 14 V/µs; dynamic headroom 0.9 dB. 17 x 5¼ x 16 in; 30 lb\$998

EX4420/BAL 200-W/ch Amplifier
2 channels. 200 W x 2 into 8 ohms. Features dual-mono design; DC-coupled circuitry. Gold-plated connectors for each channel; balanced inputs. FR 5-45,000 Hz; S/N 95 dB; slew rate 14 V/µs; dynamic headroom 1.2 dB. 17 x 5¼ x 16 in; 40 lb\$998

ST1430 600-W Amplifier
3 channels. 200 W x 3 into 8 ohms. Designed for home theater or multiroom system. Features discrete MOSFET design. Gold-plated connectors for each channel. FR 5-45,000 Hz; S/N 95 dB; slew rate 14 V/µs; dynamic headroom 1.4 dB. 17 x 5¼ x 16 in; 32 lb\$798

ST3030/BAL 200-W/ch Amplifier
2 channels. 200 W x 2 into 8 ohms. Features Class A predriver with MOSFET output stage. Gold-plated connectors for each channel; balanced inputs. FR 5-45,000 Hz; S/N 95 dB; slew rate 14 V/µs; dynamic

Bad news.



Adcom's GFA-555II is no longer made.

Good news.



Adcom's new GFA-5500 continues the legend.

The Adcom GFA-555II power amplifier has been legendary among audiophiles and serious music listeners. It set the standard for high end sound at reasonable cost, consistently being compared to amplifiers costing two and three times as much. Now, after years of evolutionary development, its successor is available.

The new GFA-5500 provides 200 watts-per-channel continuous at any frequency from 20 Hz to 20 kHz at 8 ohms. It continues the Adcom tradition of delivering high current into low impedance loads that results in extraordinarily pure, clean, musical sound reproduction. But the big news is its use of the newest hybrid MOSFET transistors, HEXFETS. These all-new devices permit a more efficient circuit board design that leads to shorter power paths

for improved sound. And the really good news is that while providing all the punch and muscle of MOSFETS, they have a remarkable ability to sound as sweet as tubes.

So while audiophiles the world over may be sad to see the end of the legendary GFA-555II, music lovers everywhere can look forward to hearing the sweet power of the GFA-5500. Visit your Adcom dealer and listen. You will hear the details that make a difference.

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headroom 1.1 dB. 17 x 5 1/4 x 16 in; 38 lb\$798
ST2020/BAL. As above, 150 W x 2. Dynamic headroom 1.5 dB. 32 lb\$698

AV2500 300-W Amplifier

5 channels. 60 x 5 into 8 ohms. Designed for home theater or multiroom system. Built-in amplifier bus and level controls for custom configurations. FR 5-45,000 Hz; S/N 95 dB; slew rate 14 V/μs; dynamic headroom 0.9 dB. 17 x 3 1/2 x 11 in; 25 lb\$748

ST1400/BAL 105-W/ch Amplifier

2 channels. 105 W x 2 into 8 ohms. Features Class A MOSFET output stage. Gold-plated connectors for each channel; balanced inputs. FR 5-45,000 Hz; S/N 95 dB; slew rate 14 V/μs; dynamic headroom 1.4 dB. 17 x 5 1/4 x 16 in; 25 lb\$598
ST1400 M/BAL. As above, mono. 105 W\$598

ST-120/BAL 60-W/ch Amplifier

2 channels. 60 W x 2 into 8 ohms. Features Class A predriver with MOSFET output stage. Gold-plated connectors for each channel; balanced inputs. FR 5-45,000 Hz; S/N 95 dB; slew rate 14 V/μs. 17 x 2 1/2 x 11 in; 12 lb\$448



Carver Research Lightstar Reference

BEL

Model 1001 MkII 50-W/ch Amplifier

2 channels. 50 W x 2 into 8 ohms, 100 x 2 into 4 ohms, 200 x 2 into 2 ohms, 200 x 1 into 8 ohms, or 400 x 1 into 4 ohms. Features Class A operation; convection cooling with temperature-stabilizing circuitry; accelerated warm-up; pitchless filter capacitors; temperature-, frequency-, output-, and load-fault protection. RCA inputs; copper binding-post outputs. Mono/stereo switch. 17 1/4 x 7 1/4 x 13 in\$2,995
 Rack-mount version. 19 x 8 1/4 x 14 1/4 in\$3,095

BEL CANTO DESIGN

Orfeo 28-W Mono Tube Amplifier

1 channel. 28 W into 4 or 8 ohms. Features direct-heated 845 triode for output; Class A single-ended operation; hand-wound output transformer; polypropylene-film capacitors for power supplies. 5-way binding posts. S/N 96 dB; damping factor 4. 5-yr parts-and-labor warranty; 90-day tube warranty. 19 1/2 x 11 x 15 in; 70 lb\$7,950/pr

Orfeo 30.5 28-W/ch Tube Amplifier

2 channels. 28 W x 2 into 4 or 8 ohms with 5% THD. Features Class A single-ended operation; 845-triode-based monoblocks with 12AX7 input/driver stage and additional 12AU7 gain stage. Input selector; level control. S/N 90 dB; damping factor 3\$4,690

Celio 100-W/ch Amplifier

2 channels. 100 W x 2 or 200 x 1 into 8 ohms. Features Class A/B single-ended operation; MOSFET balanced output stage; single-balanced JFET voltage gain stage. S/N 100 dB; damping factor 10. 5-yr parts-and-labor warranty. 17 x 6 x 14 in; 65 lb\$2,990

BOULDER

Model 500 150-W/ch Amplifier

2 channels. 150 W x 2 cont into 8 ohms from 20-2,000 Hz with 0.0015% THD, 250 x 2 cont into 4 ohms, or 500 x 1 cont into 8 ohms. Switching between mono-balanced-output and stereo operation; 120/240-V operation. FR 20-20,000 Hz ±0.04 dB; slew rate 35 V/μs stereo; damping factor 800 at

1,000 Hz. 17 x 7 1/4 x 16 1/2 in; 58 lb\$6,200

Model 500M. As above, metal finish with rack handles\$5,600

Model 500AE. As Model 500, 120-V operation only. Features 990 gain stage hand built with 69 discrete components\$4,950

Model 102AE. As Model 500AE, not bridgeable. 100 W x 2 cont into 8 ohms from 20-2,000 Hz with 0.0015% THD or 170 x 2 cont into 4 ohms. 120/240-V operation. 17 x 4 1/4 x 16 1/2 in\$3,100

Model 102M. As Model 102AE, metal finish\$3,525

BRYSTON

The following feature a 20-year warranty. Models 7B-ST, 3B-ST, and 2B-LP have a ground-lift switch: to separate system and audio grounds.

Model 8B-ST 400-W/ch Amplifier

2, 3, or 4 channels. 400 W x 2. FR 0.5-50,000 Hz; THD 0.007%; slew rate 60 V/μs; damping factor 500. 19 x 5 1/4 x 15 1/2 in\$2,795

Model 4B-ST 250-W/ch Amplifier

2 channels. 250 W x 2 into 8 ohms from 20-20,000 Hz with 0.01% THD. Features dual power supplies with multiple filter capacitors; 2,496-square-in heat sink; soft-start circuitry; input buffer. Gold-plated connectors; balanced-XLR and unbalanced-RCA inputs. LED indicators; mono/stereo switch. Slew rate 60 V/μs; damping factor 500 into 8 ohms at 20 Hz. 19 x 5 1/4 x 15 1/2 in; 42 lb\$2,095
4B-ST THX. THX version of above\$2,295

Model 7B-ST 500-W Mono Amplifier

1 channel. 500 W from 20-20,000 Hz with 0.01% THD. Features toroidal transformers; soft-start circuitry; 2,496-square-in heat sink. Gold-plated balanced-XLR and unbalanced-RCA inputs. Series/parallel switch. Slew rate 60 V/μs parallel, 120 V/μs bridged; damping factor 300 into 8 ohms at 20,000 Hz. 19 x 5 1/4 x 15 1/2 in; 42 lb\$2,195
7B-ST THX. THX version of above\$2,295

Model 3B-ST 120-W/ch Amplifier

2 channels. 120 W x 2 into 8 ohms with 0.01% THD. Dual power supplies; quad-complementary output section; 1,248-square-in heat sink. Gold-plated RCA and XLR inputs. Mono/stereo switch; LED indicators. Slew rate 60 V/μs; damping factor 500 into 8 ohms at 20 Hz. 19 x 5 1/4 x 9 in; 28 lb\$1,495
3B-ST THX. THX version of above\$1,695

Model 2B-LP 50-W/ch Amplifier

2 channels. 50 W x 2 into 8 ohms with 0.01% THD. Dual power supplies; 615-square-in heat sink; 1% metal-film resistors; polystyrene capacitors; discrete circuitry. Gold-plated 5-way binding posts and RCA connectors. Mono/stereo switch; LED Indicators. Slew rate 60 V/μs. 19 x 1 1/4 x 10 in; 48.3 lb\$795
2B-LP RBX. As above, with balanced inputs\$895

CARVER

TFM-55x 380-W/ch Amplifier

2 channels. 380 W x 2 into 8 ohms from 20-20,000 Hz with 0.03% THD, 500 x 2 into 4 ohms, or 1,000 x 1. Features transfer function modified to emulate reference tube amplifier; protection circuitry. L/R level controls; 2 analog level meters. S/N 100 dB. 17 x 4 1/4 x 14 1/2 in; 23 lb\$1,249

TFM-35x 250-W/ch THX Amplifier

2 channels. 250 W x 2 into 8 ohms from 20-20,000 Hz with 0.01% THD, 350 x 2 into 4 ohms, or 700 x 1. Features THX certification; protection circuitry. Gold-plated RCA inputs; binding-post outputs. 2 analog level meters; removable rack handles. S/N 100 dB; dynamic headroom 2.1 dB. 17 x 4 1/2 x 14 1/2 in; 25 lb\$899

AV-405 410-W Amplifier

5 channels. 100 W x 2 (front) from 20-20,000 Hz with 0.05% THD + 110 x 1 (center) + 50 x 2 (rear), all into 8 ohms. Designed for use in home theater systems. Features discrete output-stage circuitry for all chan-

nels; protection circuitry. Removable rack handles. S/N 95 dB; dynamic headroom 1.2 dB. 17 x 4 1/2 x 15 in; 30 lb\$849

A-400x 200-W/ch THX Amplifier

2 channels. 200 W x 2 into 8 ohms from 20-20,000 Hz with 0.01% THD, 300 x 2 into 4 ohms, or 600 x 1. Features THX certification; protection circuitry. Multiple-way binding posts; gold connectors. S/N 110 dB; dynamic headroom 2.1 dB. 17 x 4 1/2 x 14 1/2 in; 25 lb\$685
 Handles for the above\$47

TFM-15cb 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms from 20-20,000 Hz with 0.02% THD, 140 x 2 into 4 ohms, or 300 x 1. Features protection circuitry. Line-level outputs. L/R level controls; A/B speaker selector; 2 analog level meters. S/N 110 dB; dynamic headroom 1.1 dB. 19 x 3 3/8 x 13 in; 17 lb\$549

TFM-6cb 65-W/ch Amplifier

2 channels. 65 W x 2 into 8 ohms from 20-20,000 Hz with 0.02% THD, 100 x 2 into 4 ohms, or 180 x 1. Features protection circuitry. Line-level outputs. A/B speaker selector; L/R level controls; LED overload indicators; removable rack handles. S/N 92 dB; dynamic headroom 1.1 dB. 17 x 1 1/4 x 12 1/2 in; 14 lb\$399

CARVER RESEARCH

Lightstar Reference 300-W/ch Amplifier

2 channels. 300 W x 2 with 0.2% THD, 600 x 2 cont into 4 ohms, or 1,200 x 2 cont into 2 ohms. Features high-current reactive load-independent amplifier topology designed to provide consistent amplifier performance independent of reactive currents from the speakers; digital transformer; discrete dual-mono design including 2 AC cords; built-in line conditioning; servo-controlled touch-plate for standby power; solid 3/8-in-thick anodized aluminum chassis. Balanced-XLR and unbalanced inputs with switchable standard/high gain. Power meters for each channel. S/N 107 dB low gain, 98 dB high gain; slew rate 50 V/μs. 19 x 7 x 17 1/2 in; 80 lb\$3,995

CARY AUDIO DESIGN

CAD-211M 260-W Mono Tube Amplifier

1 channel. 260 W. Features pure-triode zero-feedback balanced design; input signal gain stage employing a pair of 12AU7 dual triode tubes driving a pair of 300B triode tubes driving a pair of direct-heated 845 triode tubes; wax-impregnated transformers with OFC wiring; 300% duty cycle for power transformer; 200% duty cycle for output transformer; silver double E Teflon wire; oil-filled coupling caps; inter-stage coupling transformer; PI-L network DC power supply; DC filament power supply. Balanced-XLR and unbalanced inputs; 4-, 8-, and 16-ohm copper speaker posts. 12 1/4 x 10 x 24 in; 90 lb\$12,500/pr

SLM-200 200-W Mono Tube Amplifier

1 channel. 200 W. Features eight KT-88 output tubes/ch plus two 6SN7 tubes; push-pull design. FR 20-20,000 Hz. 12 1/4 x 8 1/2 x 24 in; 75 lb\$8,995/pr

CAD-805 50-W Mono Tube Amplifier

1 channel. 50 W. Features single-ended Class A circuitry utilizing 211 triode output tubes and 300B driver tubes; one EI laminated-core power transformer; one air-gap output transformer; 200% duty cycle for all transformers; one 6SL7, one 300B, and one 211 tubes; oil-filled coupling capacitors; 5-minute warm-up time. FR 20-20,000 Hz ±0.5 dB. 12 1/4 x 10 x 24 in; 80 lb\$7,995/pr

CAD-301SE 14-W/ch Tube Amplifier

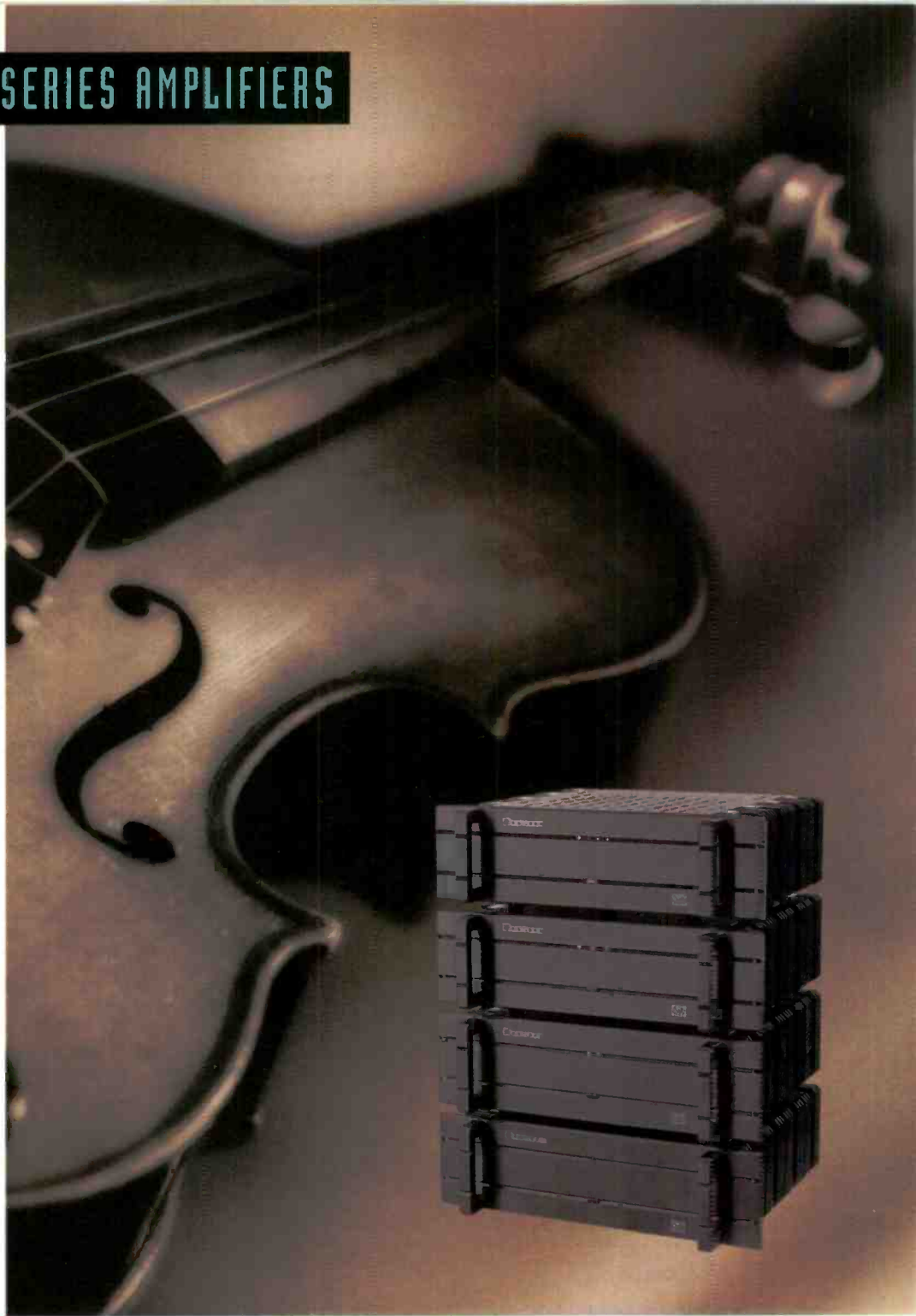
2 channels. 14 W x 2 or 28 x 1. Features single-ended Class A circuitry; EI laminate transformer with 200% duty cycle; 1% metal-film resistors; oil-filled coupling capacitors; two 6SN7 driver tubes; two 5U4GB rectifier tubes; two 12AU7 input tubes; two 300B output tubes. Detachable 3-conductor AC cord. FR 20-23,000 Hz ±0.75 dB. Black anodized faceplate and chrome-plated stainless steel chassis. 17 x 8 1/2 x 17 in; 80 lb\$4,995

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and Experience the Music
as Intended

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low distortion signal-path
has produced a line of
amplifiers which is actually
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than any source material
currently available.

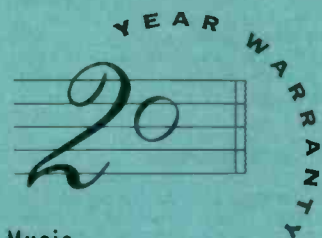


Bryston ST amplifiers, from the top: 8B ST 4 channel 120 wpc, 5B ST 3 channel 120 wpc, 4B ST 250 wpc stereo, 7B ST 500 watts mono. Not shown is the 3B ST 120 wpc stereo.

The Bryston ST innovation: our ultra-linear "input buffer-with-gain" substantially lowers the distortion and inherent noise floor — hearing is believing.

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BRYSTON

CAD-300B Signature 25-W/ch Tube Amplifier

2 channels. 25 W x 2 into 4 or 8 ohms. Features push-pull amplification in Class A circuitry; output transformer in proprietary triode tube design; 100% duty cycle for all transformers; all-silver point-to-point wiring; 1% metal-film resistors; polystyrene and polypropylene capacitors; two 12AU7 and two 6SL7 tubes; four 300B output triodes; two CV378 rectifier tubes. Balanced inputs optional. FR 18-26,000 Hz -0.75 dB; damping factor 30. 16 1/2 x 7 x 14 in; 42 lb \$3,995

CAD-300SE 12-W Mono Tube Amplifier

1 channel. 12 W. Single-ended triode tube design in Class A circuitry; 300B triode tubes; point-to-point hand wiring; air-gap transformer design; 200% duty cycle for all transformers; 1% metal-film resistors; polystyrene capacitors. FR 20-30,000 Hz -0.75 dB at 1 W; damping factor 40. Nickel chrome-plated stainless-steel finish. 5 1/2 x 7 x 19 in; 30 lb \$3,695/pr

SLM-100 113-W Mono Tube Amplifier

1 channel. 113 W rms into 8 ohms or 100 W rms into 4 ohms. Features push-pull amplification in Class A/AB circuitry; one EI laminated-core power transformer and one Ultralinear output transformer, both wax impregnated and wound with OFC wire; 150% duty cycle for all transformers; one 6SL7 predriver, one 6SL7 phase-inverter, and four 6550 power-output tubes; 1% metal-film resistors; polystyrene and polypropylene capacitors; 3-minute warm-up time. 9-30,000 Hz -0.75 dB at 1 W; damping factor 30. 10 x 6 x 20 in; 40 lb \$3,395/pr

CAD-40M 40-W Mono Tube Amplifier

1 channel. 40 W. Features push-pull Class A circuitry; EI laminate transformer with 200% duty cycle; 1% metal-film resistors; oil-filled polypropylene capacitors; EI laminate tetrode output. One 6SL7 input tube; two EL34 output tubes. FR 10-30,000 Hz ±0.75 dB. Black anodized faceplate and chrome-plated stainless-steel chassis. 5 1/2 x 7 x 19 in; 25 lb \$2,295/pr

SLA-70B Signature 60-W/ch Tube Amplifier

2 channels. 60 W x 2 rms into 8 ohms or 56 x 2 rms into 4 ohms. Features push-pull Ultralinear Class A/AB circuitry; wax-impregnated transformers with OFC wiring; 150% duty cycle for all transformers; 1% metal-film resistors; polystyrene and polypropylene capacitors; two 6SL7 predriver phase-inverter, four 6550A push-pull output-circuit, and two 6U4G or CV729 rectifier tubes. Copper binding posts. Stand-by switch. FR 18-30,000 Hz -0.75 dB; damping factor 35. 13 x 7 x 12 in; 42 lb \$1,595

SLA-70 MkII 30-W/ch Tube Amplifier

2 channels. 30 W x 2. Push-pull Class A circuitry; EI laminated-core transformer with 200% duty cycle; 1% metal-film resistors; polypropylene capacitors; two CV729 rectifier tubes; four EL34 output tubes; two 6SL7 input tubes; two EI laminate tetrode output tubes. Detachable 3-conductor AC cord. FR 10-30,000 Hz ±0.75 dB. Black epoxy-coated steel chassis; chrome chassis optional. 13 x 6 x 12 in; 34 lb \$1,395

CELLO

Performance II 200-W Mono Amplifier

1 channel. 200 W into 8 ohms or 400 W into 4 ohms. Features Class AB1 design with noninverting polarity; separate dual-choke power supply; 40 output devices per channel. Balanced input. THD 0.1%; S/N 105 dB; damping factor 200; dynamic headroom 2.7 dB. Amp or power supply 17 1/2 x 8 1/2 x 18 1/2 in; 45 lb. Set of 4 \$22,000
Bridging kit \$385

Duet 350 350-W/ch Amplifier

2 channels. 350 W x 2 into 8 ohms or 600 x 2 into 4 ohms. Features bridgeable Class AB design with non-inverting polarity; 12 output devices per channel. Balanced inputs. THD 0.3%; S/N 100 dB; damping factor 100; dynamic headroom 1.8 dB. 19 x 12 1/2 x 23 1/2 in; 95 lb \$8,500

Encore 50-W/ch Amplifier

2 channels. 50 W x 2 into 8 ohms or 100 x 2 into 4

ohms. Features bridgeable Class AB2 design with non-inverting polarity; 40 output devices per channel. Balanced inputs. Available as two mono amplifiers. THD 0.3%; S/N 100 dB; damping factor 80; dynamic headroom 1.8 dB. 19 x 5 x 13 1/2 in; 28 lb \$6,000
Bridging kit \$325

CHIRO BY KINERGETICS

C-500 700-W THX Amplifier

5 channels. 140 W x 5 into 8 ohms or 280 x 5 into 3.2 ohms. Features THX certification; patented KDP distortion-canceling circuit. Remote turn-on. 17 1/4 x 16 x 8 1/2 in \$1,998

C-300 420-W THX Amplifier

3 channels. 140 W x 3 into 8 ohms or 280 x 3 into 3.2 ohms. Features THX certification; patented KDP distortion-canceling circuit. AUX input with Compu-sound II subwoofer circuit. Remote turn-on. 17 1/4 x 16 x 5 1/2 in \$1,198

C-200 140-W/ch THX Amplifier

2 channels. 140 W x 2 into 8 ohms or 280 x 2 into 3.2 ohms. Features THX certification; patented KDP distortion-canceling circuit. Remote turn-on. 17 1/4 x 16 x 8 1/2 in \$998

CITATION

Model 7.1 600-W THX Amplifier

4 channels. 150 W x 4 into 8 ohms, 240 x 4 into 4 ohms, or 450 x 2 into 8 ohms. Features THX certification; proprietary linearization circuitry; separate power supplies for each channel. FR 20-20,000 Hz ±3 dB; THD 0.03%. 17 1/4 x 7 1/2 x 16 in; 75 lb \$2,650
Model 5.1. As above, 100 W x 4 into 8 ohms, 175 x 4 into 4 ohms, or 300 x 2 into 8 ohms. 17 1/4 x 5 1/4 x 16 in; 55 lb \$2,250

CLASSÉ AUDIO

The following feature printed circuit boards with UHC Transfer characteristics, differential amplifier circuits from input to output, a magnetic-flux-controlled transformer cover, switchable balanced or mono operation, a brushed faceplate, and contoured handles. Common specs include FR 20-20,000 Hz ±0.1 dB and S/N 100 dB. Each is available in satin-black or soft-shadow finish.

CA-400 400-W/ch Amplifier

2 channels. 400 W x 2 into 8 ohms, 800 x 2 into 4 ohms, or 1,300 x 1 into 8 ohms. 19 x 9 1/2 x 23 in; 135 lb \$4,995

CA-300 300-W/ch Amplifier

2 channels. 300 W x 2 into 8 ohms, 600 x 2 into 4 ohms, or 900 x 1 into 8 ohms. 19 x 21 x 8 1/2 in; 100 lb \$3,995

CA-200 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms, 400 x 2 into 4 ohms, or 500 x 1 into 8 ohms. 19 x 18 1/2 x 8 in; 69 lb \$2,795

CA-150 150-W/ch Amplifier

2 channels. 150 W x 2 into 8 ohms, 300 x 2 into 4 ohms, or 325 x 1 into 8 ohms. 19 x 16 1/2 x 7 in; 55 lb \$2,095

CA-100 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms, 200 x 2 into 4 ohms, 200 x 1 into 8 ohms. 19 x 14 1/2 x 5 1/2 in . . . \$1,395

CODA

Model 200 200-W/ch Amplifier

2 channels. 200 W x 2, 200 x 1 split-channel mono, or 800 x 1, all into 8 ohms from 20-20,000 Hz. 3-piece system comprised of one Model 200v stereo voltage gain unit and two Model 200i mono amplifiers. Features independently regulated power supply with toroidal transformer for Model 200v; toroidal power transformer in each Model 200i; Precision Bias with Class A operation; FET input with bipolar current gain;

no overall feedback; DC coupled design; fifty-six 30-MHz output transistors; independent rectification and supply capacitors for each channel on Model 200v; all anodized chassis; double-sided gold-plated circuit boards; selectable loading between balanced and unbalanced input connectors. THD 0.1% at 200 W both channels driven into 1 to 8 ohms; S/N 100 dB; slew rate 50 V/μs stereo or split-channel mono, 100 V/μs bridged. 10-yr warranty. Gain unit 19 x 2 1/2 x 9 1/4 in. Each amplifier 19 x 8 x 19 in. 185 lb \$12,500

Model 100 100-W/ch Amplifier

2 channels. 100 W x 2 or 400 x 1, both into 8 ohms from 20-20,000 Hz. Features separate voltage and current amplifiers; Class A operation; FET input with bipolar current gain; no overall feedback; DC-coupled design; fifty-six 50-MHz output transistors; independent rectification and supply capacitors for each channel; double-sided gold-plated circuit boards; anodized chassis; toroidal transformer. Balanced and unbalanced inputs. Slew rate 50 V/μs stereo. 10-yr warranty \$6,750

Model 20 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms from 20-20,000 Hz or 800 x 1. Features Class A/AB operation with Class A up to 25 W rms; FET input with bipolar current gain; no overall feedback; DC-coupled design; independent rectification and supply capacitors for each channel; double-sided gold-plated circuit boards; anodized chassis; toroidal transformer. Balanced and unbalanced inputs. Slew rate 50 V/μs. 10-yr warranty. 19 x 7 x 19 in \$4,750

Model 11. As above, 100 W x 2 or 400 x 1. Class A operation; no Class AB operation \$4,750

Model 10.5. As Model 20, 100 W x 2 or 400 x 1. 19 x 5 1/4 x 12 1/2 in \$2,750

V10 400-W Amplifier

4 channels. 100 W x 4, 100 x 2 + 400 x 1, or 400 x 2, all into 8 ohms from 20-20,000 Hz. Features Class A/AB operation with Class A operation to 8 W rms into 8 ohms; FET input with bipolar current gain; no overall feedback; DC-coupled design; eight 3-MHz output transistors; double-sided gold-plated circuit boards. Balanced and unbalanced inputs. THD 0.1% at 100 W both channels driven into 2 to 8 ohms; S/N 100 dB; slew rate 50 V/μs. 10-yr warranty . . . \$2,750

CONRAD-JOHNSON

Premier Eight-A 275-W Mono Tube Amplifier

1 channel. 275 W. Features polypropylene capacitors for all power-supply applications; proprietary Transpectral output transformers with small signal bypass beyond 500,000 Hz. LED bias indicators. 19 x 9 1/2 x 20 in; 85 lb \$7,495

Premier Twelve. As above, 140 x 1. 17 1/2 x 15 1/4 x 7 1/4 in; 54 lb \$3,295

Premier Eleven. As Twelve, 70 W x 2 \$3,295

MF2300 240-W/ch Amplifier

2 channels. 240 W x 2 into 8 ohms from 20-20,000 Hz with 1% THD. Features MOSFET output stage; JFET input stage; low-feedback design; polypropylene and polystyrene capacitors. 19 x 18 1/2 x 6 1/2 in; 55 lb . . . \$2,795
MF2200. As above, 200 W x 2. 19 x 16 1/2 x 5 1/4 in; 46 lb \$1,995
MF2100. As above, 100 W x 2. 19 x 13 1/2 x 4 1/2 in; 34 lb \$1,495

MV55 45-W/ch Tube Amplifier

2 channels. 45 W x 2 in Ultralinear mode or 25 x 2 in triode-operation mode. Features two EL34 output tubes per channel. LED bias indicators. 17 1/2 x 12 1/2 x 7 in; 39 lb \$1,995

CONTINUUM

Continuum Audio Stage 200-W/ch Amplifier

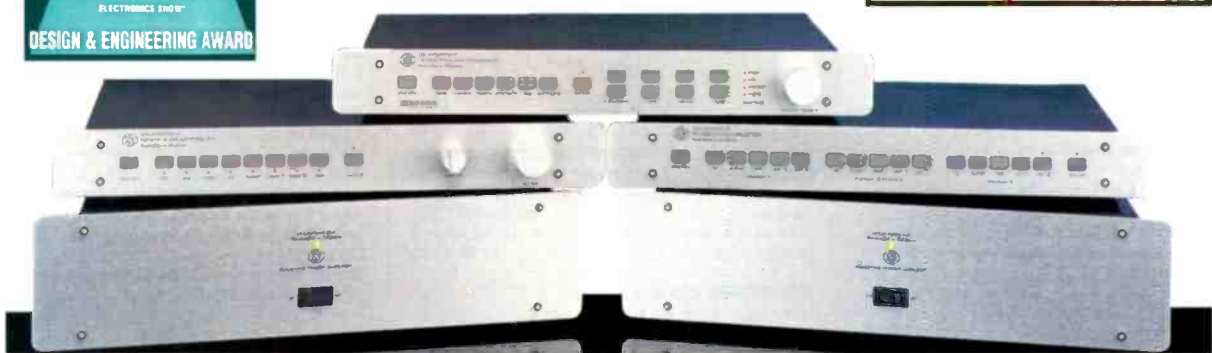
2 channels. 200 W x 2 into 8 ohms or 400 x 2 into 4 ohms from 20-20,000 Hz. Features Class A/AB operation with pure Class A operation at typical listening levels; FET differential input with wideband bipolar transistor outputs; 1,400-VA toroidal power transformer with 100,000 μF total capacitance; indepen-

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VIDEO magazine, January 1995



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dent dual transformer rectification; parallel supply capacitors for each channel; double-sided glass-epoxy circuit boards. Choice of AC coupled unbalanced input or DC-balanced input. FR 5-100,000 Hz; THD 0.1%; S/N 100 dB; slew rate 50 V/μs. 5-yr limited warranty. 16 1/2 x 6 x 14 in \$1,750

Model 4-3-2 400-W Amplifier

4 channels. 100 W x 4, 100 x 2 + 400 x 1, or 400 x 2 into 8 ohms from 20-20,000 Hz. Features Class A/AB operation with pure Class A operation at typical listening levels; no overall feedback; independent dual transformer rectification; parallel supply capacitors. Channel-status indicators. FR 5-100,000 Hz; slew rate 50 V/μs. 5-yr limited warranty. 17 x 5 1/2 x 14 in; 45 lb \$1,750

COUNTERPOINT

NP Mono 150-W Mono Tube Amplifier

1 channel. 150 W. Features Class A tube input stage; no negative feedback; insulated-gate bipolar output transistors. Balanced inputs. FR 1-100,000 Hz. 19 x 6 1/2 x 19 in \$8,995

NPS-400A. As above, 200 W x 2 into 8 ohms. FR 10-50,000 Hz \$4,395

NPS-200A. As above, 100 W x 2 \$2,995

NPS-100A. As above, 65 W x 2 \$1,995

Solid 2a 200-W/ch Amplifier

2 channels. 200 W x 2. Features bipolar-cascode, FET, and DC-servo circuitries; differential and complementary topologies; direct coupling; fully regulated low-level stages; 0.5-W metal-film resistors; polypropylene capacitors. Gold/Tellon RCA connectors. FR 1-120,000 Hz. 19 x 6 1/2 x 19 in \$2,395

Solid 1a. As above, 120 W x 2 into 8 ohms. FR 1-150,000 Hz. 19 x 4 1/2 x 19 in \$1,495

Solid 1Ma. As Solid 1a, 120 W \$995

Options

Balanced outputs. Any Counterpoint amp \$250

THX. For Solid 2a or Solid 1a \$100

CREEK

A42 50-W/ch Amplifier

2 channels. 50 W x 2 or 150 x 1, both into 8 ohms. FR 3-25,000 Hz -1 dB; THD 0.03% from 20-20,000 Hz; S/N 105 dB; ch sep 80 dB at 1,000 Hz \$595

CREST

The following feature a 5-year warranty covering parts and labor.

Crest 10004 2,880-W Amplifier

4 channels. 720 W x 4 into 8 ohms, 1,400 x 4 into 2 ohms, or 2,250 x 2 into 8 ohms, all from 20-20,000 Hz with 0.1% THD. Features 12-gauge steel chassis; forced-air cooling; clip limiting; impedance sensing; thermal, short-circuit, and DC-voltage protections; turn-on/off protection; auto-ramp signal control; 2 power switches with circuit breakers. Balanced-XLR inputs; 5-way binding posts. Switches for stereo, parallel, and bridged-mono modes; LED indicators for each channel. FR 20-20,000 Hz -0.2 dB into 8 ohms; THD 0.02% into 4 ohms at 1,000 Hz; slew rate 35 V/μs into 8 ohms at 1,000 Hz; damping factor 600 into 8 ohms at 1,000 Hz. 19 x 7 x 20 1/2 in; 135 lb \$7,120

Crest 10001. As above, 3,500 W x 2 into 2 ohms, 5,000 x 2 into 1 ohm, or 7,000 x 1 into 4 ohms, all from 20-20,000 Hz with 0.1% THD. Screw-type outputs. FR 20-20,000 Hz -0.3 dB into 8 ohms; damping factor 580 into 8 ohms at 1,000 Hz \$5,890

Crest 9001. As Crest 10001, 1,100 W x 2 into 8 ohms, 3,000 x 2 into 2 ohms, or 4,100 x 1 into 8 ohms, all from 20-20,000 Hz with 0.1% THD. Damping factor 200 into 8 ohms at 1,000 Hz. 19 x 5 1/2 x 19 1/2 in; 110 lb \$4,200

Crest 3301 220-W/ch Amplifier

2 channels. 220 W x 2 into 8 ohms, 330 x 2 into 4 ohms, or 660 x 1 into 8 ohms, all from 20-20,000 Hz with 0.1% THD. Features Class AB operation; vari-

able-speed DC-fan cooling; thermal, short-circuit, and DC-voltage protections; turn-on/off protection; auto-ramp signal control. Balanced-XLR inputs; 5-way binding posts. 4 LED indicators for each channel. FR 20-20,000 Hz -0.3 dB; THD 0.025% into 4 ohms at 1,000 Hz; slew rate 35 V/μs; damping factor 400 into 8 ohms at 1,000 Hz. 19 x 3 1/2 x 15 in; 43.5 lb \$1,540

DB SYSTEMS

DB-6A 40-W/ch Amplifier

2 channels. 40 W x 2 rms into 8 ohms with 0.003% THD or 60 x 2 rms into 4 ohms with 0.01% THD, both from 20-20,000 Hz. Features 12-dB/oct Butterworth subsonic filter; speaker-protection fuses; no relays. Gold-plated connectors. LED clipping indicators. Rack-mount optional. FR 20-40,000 Hz -1 dB; slew rate 15 V/μs; damping factor 400 from 20-1,000 Hz. 5-yr transferable warranty. 16 x 12 1/2 x 5 in; 18 lb \$795

DB-6A-M. As above, 140 W x 1 cont into 8 ohms with 0.008% THD or 225 x 1 cont into 4 ohms with 0.02% THD, both from 20-20,000 Hz. Slew rate 30 V/μs; damping factor 200 from 20-1,000 Hz \$795

DENON

POA-S1 1,400-W Mono Amplifier

1 channel. 1,400 W into 1 ohm. Features UHC-MOS high-current amplification device combining sound quality of MOSFET's and power capability of bipolar transistors; single push-pull current circuit; two toroidal transformers connected in parallel; inverted Sigma balance circuit for signal purity; direct mechanical ground; aluminum sand-cast frame \$20,000

POA-5000BK 400-W Amplifier

6 channels. 50 W x 4 + 100 x 2 into 8 ohms from 20-20,000 Hz with 0.02% THD. Features Class A amplifiers; bridging to 5, 4, or 3 channels; 3 independent power supplies; toroidal transformer; discrete output transistors. Direct input; jack for remote turn-on/off from Denon preamp \$1,700

POA-8300 360-W THX Amplifier

3 channels. 120 W x 3 into 8 ohms from 20-20,000 Hz. Features THX certification; independent power transformer for each channel. Jack for remote turn-on from Denon preamps; 5-way binding posts. 17 1/2 x 4 1/2 x 11 1/2 in \$1,500

POA-8200. As above, 120 W x 2 into 8 ohms from 20-20,000 Hz \$1,000

POA-S10 150-W Mono Amplifier

1 channel. 150 W into 8 ohms or 300 W into 4 ohms. Features MOSFET output transistors; aluminum sand-cast frame; single push-pull power supply with UHC-MOS output transistors. Balanced and unbalanced inputs; outputs for biwiring; remote turn-on/off jack for connection to preamp. Input-level control \$1,100

POA-2800BK 200-W/ch Amplifier

2 channels. 200 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.01% THD. Features dual-mono design; 6 discrete output transistors per channel; 3 independent power supplies; Class A operation. Remote turn-on/off from Denon preamp \$850

POA-800 50-W/ch Amplifier

2 channels. 50 W x 2 rms into 8 ohms from 20-20,000 Hz with 0.08% THD or 120 x 1 into 8 ohms. Features discrete output transistors. 3-way speaker outputs. Remote turn-on/off from Denon preamps; peak signal indicator \$350

DON J. COCHRAN INC.

Delta Mode II 200-W Mono Amplifier

1 channel. 200 W cont avg into 4 or 8 ohms with 0.07% THD. Features vacuum-tube or solid-state voltage-amplifier section; differential signal-path topology; balanced-bridge output; separate power supplies for voltage- and current-amplifier sections; input isolation with voltage-follower buffers; double-sided glass-epoxy circuit board; ground-plane electrostatic signal-board shield; OFC signal and DC-power wiring;

Roederstein metal-film resistors; aluminum case; fuse speaker-load protection; thermal protection. RCA, XLR, and screw-type inputs. 5-position balanced attenuator for gain setting. Rack-mount assembled-pair configuration available. S/N 100 dB; slew rate 65 V/μs. 8 1/2 x 5 1/4 x 14 1/2 in; 29 lb \$6,800/pr

DYNACO

Stereo 160 80-W/ch Tube Amplifier

2 channels. 80 W x 2 into 2, 4, or 8 ohms. Features two 6DJ8, two 12AT7, and four 6550WA tubes; selectable Triode/Ultralinear modes. 5-way binding posts; gold RCA connectors. Independent bias trim control; sensitivity control; variable input. FR 2-75,000 Hz ±3 dB; THD 1%; S/N 90 dB; ch sep 75 dB at 11,000 Hz; slew rate 30 V/μs. 3-yr parts-and-labor warranty; 1-yr tube warranty. Chrome finish. 17 x 5 1/2 x 14 1/2 in; 60 lb \$2,299

Black. \$2,199

Stereo 80. As Stereo 160, 40 W x 2 into 2, 4, or 8 ohms. 35 lb \$1,799

Black. \$1,699

Stereo 400 II 205-W/ch Amplifier

2 channels. 205 W x 2 rms into 8 ohms, 200 x 2 rms into 4 ohms, or 600 x 1. Features bipolar design; toroidal transformer. Gold RCA connectors. FR 10-100,000 Hz ±1 dB; THD 0.05%; S/N 125 dB; ch sep 75 dB at 20,000 Hz; dynamic headroom 1.2 dB. 1-yr parts-and-labor warranty. 17 x 3 1/2 x 12 1/2 in \$999

Stereo 200. As above, 100 W x 2 rms into 8 ohms or 150 x 2 rms into 4 ohms. THD 0.02%; S/N 95 dB; ch sep 75 dB at 1,000 Hz; damping factor 100. 17 1/2 x 3 1/2 x 13 in \$595

Stereo 100. As Stereo 200, 50 W x 2 rms into 8 ohms or 75 x 2 rms into 4 ohms \$425

EDGE

M Series

The following feature toroidal transformers in the power supply and use only N-channel output transistors for tolerances of under 1%.

M6 600-W/ch Amplifier

2 channels. 600 W x 2 into 8 ohms. Features dual power supply; 2-chassis design. FR 5-40,000 Hz ±0.2 dB; THD 0.01%; S/N 90 dB; damping factor 100 \$2,000

M4.5AV 600-W Amplifier

4 channels. 150 W x 4 into 8 ohms. 4 inputs. FR 5-40,000 Hz ±0.2 dB; THD 0.01%; S/N 90 dB; slew rate 150 V/μs; damping factor 100; dynamic headroom 1.4 dB. 2-yr warranty. 18 1/2 x 14 x 4 in; 32 lb \$1,150

M2 Plus 300-W/ch Amplifier

2 channels. 300 W x 2 into 8 ohms. Dual transformers; dual supply capacitors; extra output transistors. FR 5-40,000 Hz ±0.2 dB; THD 0.01%; S/N 90 dB; slew rate 150 V/μs; damping factor 100; dynamic headroom 1.9 dB. 18 1/2 x 14 x 4 in; 43 lb \$997

M1 Plus. As above, 250 W x 2 into 8 ohms. Dynamic headroom 2.3 dB. 18 1/2 x 14 x 4 in; 38 lb \$892

MAV4AV 300-W Amplifier

4 channels. 75 W x 4 into 8 ohms. 4 inputs. FR 5-40,000 Hz ±0.2 dB; THD 0.01%; S/N 90 dB; slew rate 150 V/μs; damping factor 100; dynamic headroom 1.4 dB. 18 1/2 x 14 x 4 in; 32 lb \$950

M2 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms. Features single supply capacitor. FR 5-40,000 Hz ±0.2 dB; THD 0.01%; S/N 90 dB; slew rate 150 V/μs; damping factor 100; dynamic headroom 1.9 dB. 18 1/2 x 14 x 4 in; 33 lb \$787

M1. As above, 150 W x 2 into 8 ohms. 29 lb \$682

Upgrade of M2 to M2 Plus. \$289

Upgrade of M1 to M1 Plus. \$236

MAV 80-W Mono Amplifier

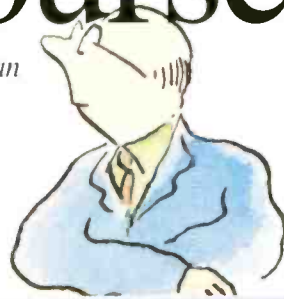
1 channel. 80 W into 8 ohms. FR 5-40,000 Hz ±2 dB; THD 0.01%; S/N 90 dB; slew rate 150 V/μs; damping factor 100; dynamic headroom 1.9 dB. 2-yr warranty. 18 1/2 x 14 x 4 in; 20 lb \$450

We couldn't have said it better ourselves.

— excerpts from *Audio Magazine*, by Anthony H. Cordesman

“...this is a product that deserves attention.”

“This is the kind of product that shows the best of the high end can be made truly affordable.”



“In short, the Adcom GFA-5800 stands out even in a world where almost all amplifiers now sound good.”

“You may be surprised to find out how good your speakers are when you first try an amplifier of this quality.”

“It is also a little difficult to believe that this amplifier is in the \$1500 price range.”



“It does everything exceptionally well for its price, and its upper midrange and treble and overall musicality are hard to find in any amplifier not costing at least twice its price range.”

“The imaging, soundstage, dynamics, and transparency of the Adcom GFA-5800 had the kind of realism and integration I only expect to find in far more expensive products.”

“Just as Adcom once changed the standards of the power amplifier market with the 555, it has introduced a new product that may similarly change the market again.”

The Adcom GFA-5800 amplifier is quite possibly the best amplifier you may ever hear. We know it sounds better than others selling for more than twice its price. Delivering 250 watts continuous per channel into 8 ohms between 20 Hz and 20 kHz, its circuit design and component specifications are in a class by itself.

But you don't have to take our word for it. Send us your name and address and we will send you a reprint of *Audio's* review as well as detailed literature. Or better yet, simply ask to listen to the GFA-5800. Your ears will tell you all you need to know.

ADCOM
details you can hear

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Send me *Audio's* review and detailed literature on the Adcom GFA-5800.

Name _____

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CUT ALONG DOTTED LINE

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ELECTROCOMPANET

AW-250 250-W/ch Amplifier

2 channels. 250 W x 2 into 8 ohms, 380 x 2 into 4 ohms, or 1,100 x 2 into 1/2 ohm, all with 0.2% THD. Features fully balanced Class A dual-mono design; two toroidal transformers; protection circuitry. XLR and gold-plated RCA inputs; gold-plated outputs. Turn-on delay. 19 x 8 3/4 x 17 1/4 in; 65 lb\$4,499

AW-100. As above, 100 W x 2 into 8 ohms or 305 x 2 into 2 ohms. 19 x 5 1/4 x 14 1/4 in; 35 lb\$2,499

ENSEMBLE

Corifeo 100-W/ch Tube Amplifier

2 channels. 100 W x 2 into 8 ohms or 140 x 2 into 4 ohms. Features driver stage with ECC81 (12AT7) vacuum tubes; shunt-regulated push-pull configuration; dual-mono power supply; electronic clipping, overheating, DC, and oscillation protections. 63A-rated binding posts. Tubesox tube dampers and 2M Powerflux cable included. THD 0.3%. 17 1/2 x 4 1/2 x 12 1/4 in; 29.7 lb\$5,150

ESSENCE

The following feature a mechanical coupling/isolation system to reduce vibration.

Jasper 200-W/ch Amplifier

2 channels. 200 W x 2. 19 x 6 1/2 x 15 in; 140 lb \$12,500
As above, 1 channel\$16,850/pr

Emerald 200-W Mono Amplifier

1 channel. 200 W. 19 x 6 1/2 x 15 in; 120 lb\$10,000/pr

Sapphire 200-W/ch Amplifier

2 channels. 200 W x 2. 19 x 6 1/2 x 15 in; 110 lb \$6,850
As above, 1 channel\$8,750/pr

Standard 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms with 0.01% THD. 19 x 6 1/2 x 15 in; 100 lb\$4,850

FORTÉ

Four 50-W/ch Amplifier

2 channels. 50 W x 2 into 8 ohms or 100 x 2 into 4 ohms. Features Class A operation; toroidal transformer; discrete direct-coupled circuitry; 8 individually matched IGBT output devices per channel; no global feedback. Balanced inputs\$1,790

Six 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms or 350 x 2 into 4 ohms. Features Class A/AB operation; toroidal transformer; discrete direct-coupled circuitry; 8 individually matched IGBT output devices per channel; no global feedback. Balanced inputs\$1,790

Fifty Five. As above, 100 W x 2 into 8 ohms or 200 x 2 into 4 ohms. Without 8 IGBT output devices per channel\$1,390

FT1 485-W Amplifier

5 channels. 125 W x 3 + 55 x 2. Features toroidal transformer; discrete direct-coupled circuitry; relay protection for each channel; bipolar output transistors. Separate input-sens control for each channel; remote turn-on\$1,790

GOLDEN TUBE AUDIO

SE-300B 8-W Mono Tube Amplifier

1 channel. 8 W into 8 ohms. Features 300B single-ended triode; one 300B, one 6SN7, and one 5AR4 vacuum tubes; pure Class A operation; multiple-layer wideband output transformer; air-gap DC choke; all point-to-point hand wiring; chrome-plated chassis; ceramic tube sockets with silver connectors; detachable power cords; external fuseholder. Gold-plated inputs and outputs. 8 1/2 x 6 x 17 in; 28 lb\$2,400/pr

SE-60 60-W/ch Tube Amplifier

2 channels. 60 W x 2 cont avg into 8 ohms or 120 x 1 into 4 ohms. Features six 6550 and two 6SN7GTB vacuum tubes; pure Class A operation; single-ended

parallel-pentode design; driver tubes changeable to 6SL7 for increased gain; custom-wound power transformer; choke-filter power supply; detachable IEC power cord; computer-optimized circuit-board design; multiple-layer wideband output transformers; WIMA polypropylene capacitors in audio path. Gold-plated inputs and outputs. Tube cover cage optional. THD 0.009% at 1 W; S/N 85 dB; FR 20-22,000 Hz -1 dB. 3-yr limited warranty; 3-month tube warranty. 17 x 8 x 14 in; 45 lb\$1,480

PP-80. As above, 80 W x 2 cont avg into 8 ohms or 160 x 1 into 4 ohms. Features push/pull pentode design; four 6550 and four 6SN7GTB vacuum tubes; Class AB operation. FR 20-30,000 Hz -0.5 dB\$1,180

SE-40. As SE-60, 40 W x 2 cont avg into 8 ohms or 80 x 1 into 4 ohms; six 5881 and two 6SN7GTB vacuum tubes\$980

GRYPHON

Reference One 150-W Mono Amplifier

1 channel. 150 W into 8 ohms or 200 x 1 into 4 ohms, both cont Class A. Available only through custom order. Features fully balanced circuit; 40 bipolar output transistors; separate custom toroidal transformers for positive and negative rails; custom power capacitors; no output relays; user-selectable 75% or 100% Class A operation; double-sealed military-spec printed circuit board; thermal, short-circuit, DC, low-frequency, and high-frequency protections. 2 sets of 5-way binding posts; 3-prong AC outlet. Mute, idle, and Class A bias indicators. FR 10-350,000 Hz; THD 0.01% at 1 W, 8 ohms\$30,500/pr

Antileon 100-W/ch Amplifier

2 channels. 100 W x 2. Top cover can be engraved with owner's name. Features dual-mono design; fully balanced circuitry; Class A power output; 40 bipolar output transistors; 280,000-µF power-capacitor bank with custom capacitors; proprietary single-crystal solid-silver internal wiring; separate custom toroidal transformers; shielded epoxy-damped transformer housing; separate power supply for display and control circuits; no output relays; auto or user-programmable Green Class A bias; DC-servo coupling; double-sealed military-spec printed circuit board; thermal shutdown protection. Balanced inputs. Class A status display; AC-power status display\$15,500

S100 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms or 800 x 2 into 1 ohm, all rms at 1,000 Hz. Features dual-mono design with separate power transformers and metal partition separating amplifiers; fully balanced input stage; bipolar output transistors; fully discrete circuitry; custom power capacitors for 160,000-µF capacitance; 24 output transistors; double-sealed military-spec circuit board; independent regulated power supplies; no negative feedback; Cardas internal wiring; low-frequency, DC, high-frequency, and short-circuit protections; epoxy-coated steel-plate casing; brushed black anodized aluminum front panel and handles. Balanced inputs. Unbalanced-to-balanced adaptors optional. FR 2-350,000 Hz ±1.5 dB; THD 0.05% into 8 ohms, 100 W. 2-yr warranty\$8,400

HAFLER

Pro 5000 325-W/ch Amplifier

2 channels. 325 W x 2 or 900 x 1 into 8 ohms. Features JFET double-differential front end; polypropylene and polycarbonate transformers; glass-epoxy circuit boards; MOSFET output. XLR and RCA inputs; 5-way binding posts. S/N 95 dB; slew rate 40 V/µs; damping factor 300 at 1,000 Hz. Rack mountable; black. 5-yr warranty. 3 1/2 x 19 x 10 1/2 in; 40 lb\$1,400

Trans-nova Series

The following feature proprietary Trans-nova topology to improve imaging, depth, and soundstage.

Model 9505 250-W/ch Amplifier

2 channels. 250 W x 2 into 8 ohms, 375 x 2 into 4 ohms, or 750 x 1 into 8 ohms. Features JFET double-differential front end; MOSFET output. XLR and RCA

inputs. FR 20-20,000 Hz; THD 0.005% at 1,000 Hz into 8 ohms; S/N 100 dBA; slew rate 150 V/µs; damping factor 1,000 at 1,000 Hz into 8 ohms. Rack mountable; black. 7-yr warranty. 19 x 12 1/2 x 5 1/4 in; 50 lb\$2,200

Model 9303 150-W/ch THX Amplifier

2 channels. 150 W x 2 into 8 ohms, 225 x 2 into 4 ohms, or 450 x 1 into 8 ohms. Features THX certification; JFET double-differential front end; MOSFET output. XLR and RCA inputs. FR 20-20,000 Hz; THD 0.005% at 1,000 Hz into 8 ohms; S/N 100 dBA; slew rate 150 V/µs; damping factor 800 to 1,000 Hz into 8 ohms. Rack mountable; black. 7-yr warranty. 19 x 12 1/2 x 3 1/2 in; 36 lb\$1,300

P3000 150-W/ch Amplifier

2 channels. 150 W x 2 into 8 ohms, 200 x 2 into 4 ohms, or 400 x 1 into 8 ohms. Features independent channel overload protection and thermal standby; lateral MOSFET output devices; 16-gauge cold-rolled steel chassis; convection cooling; electronic fuses; MOSFET output. XLR and RCA inputs; 5-way binding posts. Chassis/float ground switch; gain controls in increments of 1 dB; LED indicators for clip, signal presence, thermal protection, and channel overload. FR 20-20,000 Hz; THD 0.01% at 1,000 Hz into 8 ohms; S/N 100 dBA; slew rate 100 V/µs; damping factor 400 to 1,000 Hz. Rack mountable; black. 5-yr warranty. 5 1/4 x 19 x 10 1/2 in; 27 lb\$799

P1500 75-W/ch Amplifier

2 channels. 75 W x 2 into 8 ohms, 85 x 2 into 4 ohms, or 170 x 1 into 8 ohms. Features independent channel overload protection and thermal standby; lateral MOSFET output devices; 16-gauge cold-rolled steel chassis; convection cooling; polypropylene and polycarbonate transformers; glass-epoxy circuit boards; electronic fuses; MOSFET output. XLR and RCA inputs; 5-way binding posts. Chassis/float ground switch; gain controls in increments of 1 dB; LED indicators for clip, signal presence, thermal protection, and channel overload. FR 20-20,000 Hz; THD 0.01% at 1,000 Hz into 8 ohms; S/N 100 dBA; slew rate 100 V/µs; damping factor 350 to 1,000 Hz. Rack mountable; black. 5-yr warranty. 19 x 3 1/4 x 9 1/2 in; 18 lb\$549

HARMAN KARDON

PA2400 170-W/ch Amplifier

2 channels. 170 W x 2 into 4 or 8 ohms from 20-20,000 Hz with 0.08% THD. Features all-discrete circuitry; bridged-mono capability. Auto standby mode\$1,199

PA2100. As above, 65 W x 2 into 8 ohms with 0.09% THD or into 4 ohms with 0.3% THD, both from 20-20,000 Hz\$479

JANIS

Interphase 1A 100-W Mono Amplifier

1 channel. 100 W rms into 8 ohms. Designed for subwoofers. Features two high- and one low-pass 18-dB/oct Butterworth filters at 100 Hz; defeatable amp circuitry for crossover use. Line-level output. Variable low-pass-filter gain; level and phase controls. THD 0.03%; S/N 90 dB\$795

JBL

S650 650-W THX Amplifier

5 channels. 130 W x 5 into 8 ohms or 200 x 5 into 4 ohms. Features THX certification; forced-air cooling. Remote turn-on. 19 x 7 x 16 in; 75 lb\$2,850

S400 200-W/ch THX Amplifier

2 channels. 200 W x 2 into 8 ohms or 240 x 2 into 4 ohms. THX certification. Bridgeability into 8-ohm load; remote turn-on. 19 x 5 1/4 x 16 in; 30 lb\$1,750

SoundEffects Power 50 50-W/ch Amplifier

2 channels. 50 W x 2. Volume control. FR 10-30,000 Hz -1 dB; S/N 100 dBA\$175

SoundEffects Power 20. As above, 20 W x 2. Features active equalization\$119



"The HCA-2200" has all the features and flexibility any audiophile could want..." notes Stereophile.

product against which other amplifiers can be measured. If an amp of equal or greater price isn't at least as good as the HCA-2200", it doesn't cut it."

It's clear that Mr. Stone has discovered the virtues of our amplifier. And while we're pleased he found the process so enjoyable, we aren't surprised. It's all part of our design philosophy, whose essence he captures nicely when he says, "...a middle-class audiophile like myself no longer has to take out a second mortgage on his house to afford a musically satisfying amplifier."

Sure, it's nice to be hailed as a "benchmark." But what, exactly, does that mean? Well, let's read the quote in context:

"While the HCA-2200" has virtually unlimited brute power, it has enough finesse to let the music come through largely unscathed. Over the last six months it has proven, with a variety of speakers in both my listening rooms, that it's a benchmark

"...A BENCHMARK PRODUCT AGAINST WHICH OTHER AMPLIFIERS CAN BE MEASURED."

— STEVEN STONE, STEREOPHILE, VOL. 17 NO. 3, MARCH 1994

But what did surprise us, as well as flatter us, was being thrown into the ring with \$12,000 monoblock behemoths. The result of this apparently absurd comparison? Not carnage, but rather: "...the Parasound HCA-2200" gives them all a run for the money, and even beats 'em in flexibility and price." He continues, "...a pair of HCA-2200"s performed with Apogee full-ranges on a par with a pair of Boulder 250 AEs and four VTL Deluxe 300 amps. Dynamic impact and attack were excellent... Compared to the VTL300, the HCA-2200" had a greater sense of extension..."

Enough quotes. It's time to experience one yourself. Just visit your local Parasound dealer and learn that "benchmark" is the expert's way of saying you don't have to break the bank to get the best. And you can quote us on that.



"...prodigious bass output and sense of unlimited power and effortlessness," says Stereophile. And no wonder. It delivers over 90 amps of peak current per channel.



PARASOUND
affordable audio for the critical listener

Parasound Products, Inc. 950 Battery Street, San Francisco, CA 94111 • 415-397-7100 • Fax 415-397-0144

JEFF ROWLAND DESIGN GROUP

Model 9T 350-W Mono Amplifier

1 channel. 350 W into 8 ohms, 700 W into 4 ohms, or 900 W into 2 ohms. Features separate power supply; full differential trans-impedance circuitry from input to output; solid-aluminum chassis components. 2 RCA and 2 XLR inputs; binding posts for 2 speaker pairs. Controls for gain, input impedance, and absolute phase. BPS-9 DC power supply providing ratings of 125 W x 2 into 8 ohms, 250 x 2 into 4 ohms, or 300 x 2 into 2 ohms optional. Amp 17 1/2 x 11 3/4 x 22 in; 90 lb. Power supply 17 1/2 x 11 3/4 x 22 in; 135 lb. \$28,000/pr

Model 8T 250-W/ch Amplifier

2 channels. 250 W x 2 into 8 ohms, 400 x 2 into 4 ohms, or 600 x 2 into 2 ohms. Features dual-mono power supply; full differential trans-impedance circuitry from input to output; solid-aluminum chassis components. RCA and XLR inputs. Controls for gain, input impedance, and absolute phase; input mute and phase switches. BPS-8 DC power supply optional. 17 1/2 x 11 3/4 x 22 in; 125 lb. \$12,200 With BPS-8 \$16,500

Model 6 150-W Mono Amplifier

1 channel. 150 W into 8 ohms, 250 W into 4 ohms, or 350 W into 2 ohms. Features full differential trans-impedance circuitry from input to output; solid-aluminum chassis components. Adjustable gain and input impedance. BPS-6 DC power supply optional. 17 1/2 x 5 1/4 x 14 1/4 in; 45 lb. \$10,800/pr With BPS-6 \$16,000/pr

Model 2 75-W/ch Amplifier

2 channels. 75 W x 2 into 8 ohms or 125 x 2 into 4 ohms. Features full differential trans-impedance circuitry from input to output; solid-aluminum chassis components. Adjustable gain and input impedance. BPS-2 DC power supply optional. 17 1/2 x 5 1/4 x 14 1/4 in; 47 lb. \$5,800 With BPS-2 \$8,400

JOULE ELECTRA

VZN-100 Marquis 100-W/ch Tube Amplifier

2 channels. 100 W x 2 into 8 ohms or 80 x 2 into 4 ohms. Features six 6C33CB triode tubes for output; two 6350 dual triode tubes for driver; three 12AX7 dual triode tubes; 2 regulated filament supplies; 1 regulated driver B+ supply; 2 floating driver bias supplies; single-ended asymmetrical Class A design; individual adjustment for each triode output tube. \$10,000/pr

JRM ENGINEERING

Power Tower 540-W Amplifier

4 channels. 200 W x 2 + 70 x 2 into 8 ohms, 350 x 2 + 175 x 2 into 4 ohms, or 500 x 2 + 250 x 2 into 2 ohms. Features complementary all-cascode Class AB design; polypropylene capacitors; thermal, DC/clip, and power-up/fail protections. Dual LED level meters. FR 0.6-75,000 Hz; THD 0.02%; S/N 102 dB; slew rate 100 V/μs. 24 1/2 x 16 x 14 1/2 in; 65 lb. \$4,140

KENWOOD

KM-X1 600-W THX Amplifier

6 channels. 100 W x 6 or 130 x 2. Features THX certification; balanced current-supply circuit; cooling fan. Gold-plated inputs; banana-plug outputs. LED indicators. \$899

KM-X1000 260-W THX Amplifier

2 channels. 130 W x 2 or 270 x 1. Features THX certification; dual power transformers; 2-speed cooling fan. Banana-plug compatible outputs. \$400

KINERGETICS

KBA-280 140-W/ch Amplifier

2 channels. 140 W x 2 into 8 ohms or 380 x 2 into 2 ohms. Features Class A operation; dual-mono design; 22 output transistors; servo-controlled DC output. Slew rate 65 V/μs. 17 1/4 x 5 1/2 x 15 1/2 in; 64 lb. \$2,795

KBA-380 420-W Amplifier

3 channels. 140 W x 3 into 8 ohms. Features Class AB operation; separate power supplies; 6 output transistors per channel; servo-controlled DC output. 17 1/4 x 5 1/2 x 15 1/2 in; 62 lb. \$1,995

KSS

The following feature a 2-year limited warranty.

KSS-230 100-W/ch Tube Amplifier

2 channels. 100 W x 2 into 8 ohms. Features direct coupling from input to output; dual-mono design; all triode vacuum-tube power-amplifier circuitry; no capacitors or transformers in signal path; harmonic structuring reproduction circuitry; chrome chassis plating; 6AS7 output tube; 6DJ8 input driver. THD 0.01%; damping factor 120. \$4,995

KSS-480. As KSS-230, but 230 W mono into 8 ohms \$9,995/pr
 Outboard power supply for KSS-230 \$500
 Mahogany base for KSS-230 or KSS-480 \$150
 Cage for KSS-230 or KSS-480 \$130

LAMM AUDIO LABORATORY

The following feature a 5-year warranty.

DM1 125-W/ch Amplifier

2 channels. 125 W x 2 cont into 8 ohms, 250 x 2 into 4 ohms, or 450 x 2 into 2 ohms. Features Class A/AB operation; MOSFET output transistors; no overall feedback; toroidal transformer. Gold-plated XLR and RCA inputs; 2 gold-plated binding-post pairs per channel. Remote turn-on/off. FR 4-150,000 Hz; slew rate 34 V/μs; damping factor 40 into 8 ohms. 19 x 8 1/4 x 17 in; 75 lb. \$6,990

M1.1 100-W Mono Tube Amplifier

1 channel. 100 W cont into 4 or 8 ohms, 200 W cont into 2 ohms, or 300 W cont into 1 ohm. Features 6922-tube triode; Class A operation; 12 MOSFET output transistors; no overall feedback; toroidal transformer. Gold-plated XLR and RCA inputs; 2 gold-plated binding-post pairs. Selectable bias/voltage settings for 4 or 8 ohms; remote turn-on/off. FR 4-150,000 Hz; slew rate 32 V/μs; damping factor 40 into 8 ohms. 17 x 8 1/4 x 20 in; 64.5 lb. \$6,690
M2.1. As above, 200 W cont into 4 or 8 ohms, 400 W cont into 2 ohms, or 600 x 2 cont into 1 ohm. Class A/AB operation. Slew rate 40 V/μs. \$6,290

LEGACY AUDIO

Legacy 220-W/ch Amplifier

2 channels. 220 W x 2 into 8 ohms or 400 x 2 into 4 ohms, both with 0.005% THD. Features Class A/AB operation; 1,400-W toroidal transformer; 10 hand-matched bipolar outputs per channel. Dual outputs per channel. FR 1-100,000 Hz; S/N 115 dB; damping factor 200; dynamic headroom 2 dB. 17 x 6 x 15 in; 50 lb. \$1,795

LINEAR RESEARCH

M-75 75-W Mono Tube Amplifier

1 channel. 75 W into 8 ohms. Features full tube design; cage cover. FR 20-20,000 Hz -3, +1 dB; S/N 78 dB. \$2,495/pr

LINN

Klout 80-W/ch Amplifier

2 channels. 80 W x 2 into 8 ohms or 160 x 2 into 4 ohms. Features dual-mono design with separate regulated isolated power supply for each channel; overload, overcurrent, short-circuit, thermal, over/undervoltage, and DC protections. 3 output pairs; line-level daisy-chain connectors. Remote turn-on; LED indicators. \$3,995

LK100 50-W/ch Amplifier

2 channels. 50 W x 2 into 8 ohms or 90 x 2 into 4 ohms. Features overcurrent and thermal protections; screened transformer; semiregulated power supply. Outputs for 4 speaker pairs; line-level daisy-chain connectors. \$1,195

LUXMAN

M-08 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms, 400 x 2 into 4 ohms, or 800 x 2 into 2 ohms. Features all stages direct-coupled complementary circuitry; 9-stage power section; complementary single-stagger circuit. Vise-type speaker terminal. FR 20-20,000 Hz -0.1 dB; THD 0.005%; S/N 120 dB. 18 1/8 x 8 3/4 x 19 in; 92.4 lb. \$10,000

MA-88 45-W Mono Tube Amplifier

1 channel. 45 W into 6 ohms. Features KT88 Super output tube in pentode configuration via Williamson circuit; 6CG7 tube for driver stage; 12BH7A tube for first stage; OY-36 output transformer with copper shielding plates. FR 5-30,000 Hz -1 dB; THD 0.1% at 1,000 Hz; S/N 90 dB. \$6,000

M-383 200-W/ch Amplifier

2 channels. 200 W x 2 rms into 8 ohms from 20-20,000 Hz or 700 x 2 into 2 ohms. Features toroidal transformer; all-stage symmetrical push-pull circuit; Star circuitry; line-phase sensor. Gold-plated inputs; outputs for 2 speaker pairs. A/B speaker selector; remote turn-on/off; independent L/R volume controls; clipping indicator. Black or champagne finish. FR 10-100,000 Hz -1 dB; S/N 126 dB; THD 0.04% at 20-20,000 Hz. 17 1/2 x 7 x 17 1/4 in; 38.9 lb. \$1,495
M-363. As above, 110 W x 2 rms into 8 ohms from 20-20,000 Hz or 330 x 2 into 2 ohms. Not bridgeable. No toroidal transformer or volume controls. 17 1/2 x 7 x 16 1/2 in; 29.5 lb. \$795

M-375 110-W/ch Amplifier

2 channels. 110 W x 2 into 8 ohms or 330 x 2 into 2 ohms. Features all-stage symmetrical push-pull circuit; clipping indication by VU meters; Duo Beta circuitry; chimney-type heat sink. Gold-plated inputs. A/B speaker selector; remote turn-on/off. FR 10-100,000 Hz -1 dB; THD 0.04% at 20-20,000 Hz; S/N 126 dB. 17 1/2 x 7 x 16 1/2 in; 29.5 lb. \$995

MARANTZ

MM-500 280-W Amplifier

5 channels. 70 W x 3 rms (front, center) rms into 8 ohms + 35 x 2 (rear) or 90 x 1 from 40-20,000 Hz with 0.3% THD (center only) or 45 x 2 from 100-7,000 Hz with 0.3% THD (rear only), all rms into 8 ohms. Designed for home theater systems. RC-5 system remote-control jacks; banana-plug outputs. Peak indicators. S/N 110 dB; slew rate 20 V/μs. 16 1/2 x 5 1/4 x 13 1/2 in; 20 lb. \$699

SM-500 85-W/ch Amplifier

2 channels. 85 W x 2 rms into 8 ohms with 0.09% THD or 105 x 2 rms into 4 ohms with 0.1% THD, all from 20-20,000 Hz. Includes RC-5 system remote-control jacks; banana-plug outputs. Peak indicators. S/N 112 dB; slew rate 20 V/μs. 16 1/2 x 5 1/4 x 13 1/2 in; 19 lb. \$449

MA-500 125-W THX Mono Amplifier

1 channel. 125 W rms into 8 ohms with 0.5% THD or 180 W rms into 4 ohms with 0.9% THD, all from 20-20,000 Hz. Features THX certification; multiple-unit bridging capability. Gold-plated RCA input; 2 banana-plug outputs; RC-5 system remote-control interface. Remote turn-on/off with compatible equipment. S/N 116 dB; damping factor 200 at 8 ohms. 3-yr limited warranty. 3 1/2 x 5 1/4 x 17 1/4 in. \$299

Music Link Series

The following feature overcurrent protection and a nonmagnetic alloy chassis with copper plating. Multiple units may be bridged when used with the SC-22 preamplifier.

MA-22 50-W Mono Amplifier

1 channel. 50 W into 8 ohms from 20-20,000 Hz with 0.01% THD. Features Class AB output stage; all-discrete devices; fully floating toroidal transformer. FR 1-100,000 Hz -1 dB; S/N 110 dB; damping factor 90 into 8 ohms at 1,000 Hz. 9 3/4 x 3 3/4 x 8 1/2 in; 13.2 lb. \$999

MARCHAND

PS24 Modular Amplifier

Accepts up to 4 modules, each rated at 100 W/ch. Features toroidal power transformers. 2½ x 5¼ x 7¼ in\$199-\$279

MARK LEVINSON

No. 33 300-W Mono Amplifier

1 channel. 300 W into 8 ohms, 600 W into 4 ohms, 1,200 W into 2 ohms, or 2,400 W ohm, all cont from 20-20,000 Hz with 0.5% THD. Features adaptive biasing; AC regeneration and DC-offset correction up to 1 V; two independent bipolar power supplies including toroidal transformers; fully balanced input, voltage-gain, and current-gain circuitry. 14 x 31 x 31½ in; 435 lb\$32,000/pr

No. 333 300-W/ch Amplifier

2 channels. 300 W x 2 into 8 ohms, 600 x 2 into 4 ohms, or 1,200 x 2 into 2 ohms, all cont from 20-20,000 Hz with 0.5% THD. Features adaptive biasing; AC power filtering with DC-offset correction up to 1 V; separate power supplies for each channel including toroidal transformers with independent secondary windings; balanced input and voltage-gain circuitry. 17¼ x 10½ x 19 in; 150 lb\$8,495

No. 332. As above, 200 W x 2 into 8 ohms, 400 x 2 into 4 ohms, or 800 x 2 into 2 ohms, all cont from 20-20,000 Hz with 0.5% THD\$6,495

No. 331. As above, 100 W x 2 into 8 ohms, 200 x 2 into 4 ohms, or 400 x 2 into 2 ohms, all cont from 20-20,000 Hz with 0.5% THD. 17¼ x 9½ x 19 in\$4,550

MBL

Model 9010 470-W/ch Amplifier

2 channels. 470 W x 2 into 8 ohms, 800 x 2 into 4 ohms, or 1,300 x 2 into 2 ohms. Direct push-pull operation with isolated gain stage; 5 discrete power supplies; 2 power cords. Balanced/unbalanced input switch. FR 0-200,000 Hz; S/N 120 dB; slew rate 180 V/µs; damping factor 300. 21 x 10 x 34 in; 209 lb\$19,500

Model 8010c 180-W/ch Amplifier

2 channels. 180 W x 2 into 8 ohms, 270 x 2 into 4 ohms, or 310 x 2 into 2 ohms. Dual-mono design. Balanced/unbalanced input switch. FR 0-120,000 Hz; S/N 116 dB; slew rate 30 V/µs; damping factor 300. Black high-gloss front plate. 18 x 6 x 15 in; 67 lb\$5,195

Model 8004 60-W/ch Amplifier

2 channels. 60 W x 2 or 180 x 1 into 8 ohms; 135 x 2 or 310 x 1 into 2 ohms. Features current-summing bars designed as closed circuit. Balanced/unbalanced input switch. FR 0-100,000 Hz; S/N 116 dB; slew rate 30 V/µs; damping factor 300. 18 x 6 x 15 in; 40 lb\$2,970

McCORMACK

DNA-1 185-W/ch Amplifier

2 channels. 185 W x 2 into 8 ohms or 370 x 2 into 4 ohms. Features 16 output devices with power distributed and stored near each device. Unbalanced input; binding-post and barrier-strip outputs\$1,995
Bridged-mono version of the above. 370 W into 8 ohms. Balanced and unbalanced inputs\$4,595/pr
DNA-0.5. As DNA-1, 100 W x 2 into 8 ohms or 200 x 2 into 4 ohms\$1,295

Micro Power Drive 50-W/ch Amplifier

2 channels. 50 W x 2 into 8 ohms, 90 x 2 into 4 ohms, 120 x 1 into 8 ohms, or 150 W into 4 ohms. Unbalanced input; binding-post output. Compact chassis\$895

McINTOSH

MC500 500-W/ch Amplifier

2 channels. 500 W x 2 cont avg into 2, 4, or 8 ohms from 20-20,000 Hz with 0.005% THD. Outputs for 2, 4, or 8 ohms. 2 power meters. FR 20-20,000 Hz -0.25 dB; S/N 90 dBA balanced, 85 dBA unbalanced; damping factor 200; dynamic headroom 2.1 dB. 17¼ x 10½ x 20½ in; 110 lb\$7,000

MC1000 1,000-W Mono Amplifier

1 channel. 1,000 W cont avg into 2, 4, or 8 ohms from 20-20,000 Hz with 0.005% THD. Features dual balanced design; 1% metal-film resistors; polypropylene capacitors. Gold-plated multiple-way outputs for 2, 4, or 8 ohms. Power meter. FR 20-20,000 Hz -0.25 dB; S/N 90 dBA balanced, 85 dBA unbalanced; damping factor 200; dynamic headroom 2.1 dB. 17¼ x 10½ x 20½ in; 105 lb\$6,500

MC300 300-W/ch Amplifier

2 channels. 300 W x 2 or 600 x 1. Features McIntosh Autoformer for channel-to-speaker coupling with impedance taps of 2, 4, and 8 ohms. Balanced and unbalanced inputs. 2 power meters\$3,750

MC7106 960-W THX Amplifier

6 channels. 160 W x 6 into 4 ohms. Features THX certification; protection circuitry. 17¼ x 7½ x 20 in; 53 lb\$3,500

MC150 150-W/ch Amplifier

2 channels. 150 W x 2. Features McIntosh Autoformer for channel-to-speaker coupling with output Impedance taps of 2, 4, and 8 ohms. Balanced inputs. 2 power output meters; bridged mono capability\$3,000

MC7104 400-W Amplifier

4 channels. 100 W x 4 into 4 ohms. Features interconnect capability with CR10 or CR12 A/V controller. Individual channel-level controls\$2,750

MC7108 320-W Amplifier

8 channels. 40 W x 8 into 4 ohms; each channel pair bridgeable to 100 W into 4 ohms. 17¼ x 7½ x 20 in; 40 lb\$2,500

MC7100 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms, 150 x 2 into 4 ohms, or 300 x 1 into 8 ohms. 17¼ x 3½ x 17¼ in; 24 lb\$1,400

MELOS

Triode 402 400-W Mono Tube Amplifier

1 channel. 400 W. Features pure triode operation from 1 to 8 ohms; fully balanced operation; balanced input and circuitry; proprietary zero-gain circuitry for increased FR and damping factor\$7,795/pr

Triode 202 Gold Series 180-W/ch Tube Amplifier

2 channels. 180 W x 2. Features pure triode operation; proprietary zero-gain circuitry for increased FR and damping factor. Balanced input\$3,895

MERIDIAN

Model 555 65-W/ch Amplifier

2 channels. 65 W x 2 into 8 ohms with 0.05% THD. Features thermal and DC protection. S/N 90 dB. 12½ x 3½ x 12½ in\$1,095

MICROMEGA

Amp 120-W/ch Amplifier

2 channels. 120 W x 2. Features microprocessor-controlled thermal, DC-offset, and short-circuit protections; internal wiring with MIT 330 cable. Auto idle mode shutting off output and power circuits\$1,595

Microamp 25-W/ch Amplifier

2 channels. 25 W x 2 into 8 ohms from 20-20,000 Hz with 0.05% THD. Designed to match Microdrive and Variodac D/A converters. Features high-bias operation. DC-offset and overcurrent indicators. Slew rate 300 V/µs. 8¼ x 2¼ x 8 in; 7 lb\$895

MTX SOUNDCRAFTSMEN

A900PRO 375-W/ch THX Amplifier

2 channels. 375 W x 2 into 8 ohms, 600 x 2 into 4 ohms, or 1,350 x 1 into 8 ohms, all rms from 20-20,000 Hz with 0.05% THD. Features THX certification; MOSFET design. ¼-in-telephone, RCA, and XLR inputs; 5-way binding posts; Neutrik outputs. Gain controls. Rack mount. 19 x 5¼ x 16½ in\$2,000

A400PRO 205-W/ch Amplifier

2 channels. 205 W x 2 into 8 ohms, 300 x 2 into 4 ohms, or 600 x 1 into 8 ohms, all from 20-20,000 Hz with 0.05% THD. Features MOSFET design. ¼-in-telephone, RCA, and XLR inputs; 5-way binding posts; Neutrik outputs. Gain controls. Rack mount. 19 x 5¼ x 10½ in\$1,000

H5002 250-W/ch Amplifier

2 channels. 250 W x 2 into 8 ohms or 375 x 2 into 4 ohms, both rms from 20-20,000 Hz with 0.05% THD. Features Class H operation. ¼-in phone inputs; 5-way binding posts. 8½ x 7 x 13 in\$1,000

A200PRO 125-W/ch Amplifier

2 channels. 125 W x 2 into 8 ohms, 190 x 2 into 4 ohms, or 380 x 1 into 8 ohms, all rms from 20-20,000 Hz with 0.05% THD. Features MOSFET design. ¼-in-telephone, RCA, and XLR inputs; 5-way binding posts; Neutrik outputs. Gain controls. Rack mount. 19 x 5¼ x 10½ in\$700

S800 205-W/ch Amplifier

2 channels. 205 W x 2 rms into 8 ohms or 300 x 2 rms into 4 ohms, both from 20-20,000 Hz with 0.05% THD or 600 x 2 rms into 8 ohms. MOSFET design. RCA inputs; 5-way binding posts. 8½ x 4¾ x 12 in; 18 lb\$600
S860. As above, also providing 450 W x 2 rms into 2 ohms at 1,000 Hz with 0.05% THD or 900 x 1 rms into 4 ohms. No RCA inputs. ¼-in phone inputs. 8½ x 5¼ x 13 in; 20 lb\$700

MUSE

Model Three Hundred 300-W Mono Amplifier

1 channel. 300 W into 8 ohms or 500 W into 4 ohms. Features dual toroidal power supplies; dual differential front end combined with dedicated passively regulated power supply; local feedback only; design for constant output impedance. Balanced and unbalanced inputs; machined-copper binding posts; shielded detachable power-supply connectors. FR 13-250,000 Hz -3 dB; THD 0.5%. 17¼ x 7½ x 13½ in; 42 lb\$3,750/pr

Model One Hundred Seventy Five 175-W Mono Amplifier

1 channel. 175 W into 8 ohms or 550 W into 2 ohms. Features dual power supplies; dual differential front end; optimization for low-impedance loads; dual rectifiers; independent low ESR power-supply capacitors for front end and output sections; shielded transformer; passive power regulation for front end; local feedback only. Balanced and unbalanced inputs. FR 13-250,000 Hz -3 dB; THD 0.5%. 17¼ x 7½ x 13½ in; 42 lb\$3,250/pr

Model One Hundred Fifty 125-W Mono Tube Amp

1 channel. 125 W into 8 ohms or 400 W into 2 ohms. Features 6 complementary MOSFET's in output section; local feedback only; fully balanced perfectly symmetrical dual-differential front end. Balanced inputs. FR 13-250,000 Hz -3 dB; THD 0.5%. 19 x 3½ x 13½ in; 30 lb\$2,600/pr
Above with unbalanced inputs\$2,500/pr

Model One Hundred Sixty 160-W/ch Amplifier

2 channels. 160 W x 2 into 8 ohms or 250 x 2 into 4 ohms. Mixed-mode feedback; independent power supplies; dual high-current rectifiers; low ESR power-supply filters; magnetically shielded toroidal transformer. Balanced and unbalanced inputs. FR 13-200,000 Hz -3 dB; THD 0.5%. 17¼ x 7½ x 13½ in; 42 lb\$1,900

Model One Hundred 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms or 200 x 2 into 4 ohms. Features 550-VA power transformer; two fully discrete amp sections; 6 complementary MOSFET's; fully discrete front end of high-speed bipolar transistors in Class A configuration driving emitter followers which directly drive the gates of the MOSFET's; Mixed-Mode feedback; diode-decoupled filtered front-end power supply. Balanced inputs. FR 13-200,000 Hz -3 dB; THD 0.5%. 19 x 3½ x 13½ in; 30 lb\$1,450
Above with unbalanced inputs\$1,350

MUSEATEX

AS10 100-W/ch Amplifier
2 channels. 100 W x 2. Features MOSFET output; floating-charge power supply; proprietary static-fan heat sink \$1,999

MUSICAL DESIGN

The following feature gold-plated Teflon-insulated RCA inputs and gold-plated five-way binding posts.

D-150 150-W/ch Amplifier
2 channels. 150 W x 2 into 8 ohms or 240 x 2 into 4 ohms. Features LED-biased cascode Class A driver stage; dual-mono power supply; 1/8-in-thick steel chassis. THD 0.007% \$1,495

DM-100 100-W/ch Amplifier
2 channels. 100 W x 2 into 8 ohms or 200 x 2 into 4 ohms, both with 0.007% THD. Features dual-mono design with separate power supplies; doubled MOSFET output devices; toroidal power transformers ... \$1,195

D-75 75-W/ch Amplifier
2 channels. 75 W x 2. Features LED-biased cascode driver stage; toroidal transformer; dual-mono power supply; MOSFET output devices. Bridging switch \$795

MUSIC REFERENCE

RM-9 MkII 125-W/ch Tube Amplifier
2 channels. 125 W x 2. Features solid-oak base; individually fused output tubes; vacuum potted transformers. Removable tube cage. Various wood finishes available. 63 lb \$3,440

RM-10 38-W/ch Tube Amplifier
2 channels. 38 W x 2. Solid-brass binding posts. Mono switch. Solid-cherry wood base. 12 3/4 x 9 3/4 x 5 1/4 in; 16 lb \$1,350

NAD

Power Envelope circuitry is designed to extend dynamic headroom and Soft Clipping circuitry to prevent speaker-damaging distortion.

Model 208THX 250-W/ch THX Amplifier
2 channels. 250 W x 2 cont avg into 8 ohms or 500 x 1 into 8 ohms. THX certification; MOSFET design. Symmetrical balanced inputs. 19-in rack-mount ... \$1,499

Model 916 180-W Amplifier
6 channels. 30 W x 6 cont avg into 8 ohms from 20-20,000 Hz with 0.5% THD, 30 x 4 + 90 x 1, 30 x 2 + 90 x 2, or 90 x 3 into 8 ohms. Features 3 discrete power supplies; Soft Clipping circuitry; 2-ohm drive capability. 6 buffered line-level outputs. S/N 85 dB; damping factor 100 at 50 Hz; dynamic headroom 2 dB. 16 1/2 x 4 1/4 x 14 1/2 in \$699

Model 2100X 60-W/ch Amplifier
2 channels. 60 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. Power Envelope and Soft Clipping circuitries. Lab and normal inputs. A/B speaker switching; variable input sens. S/N 100 dB; damping factor 100 at 50 Hz; dynamic headroom 5.5 dB. 17 1/2 x 4 1/4 x 15 1/2 in; 21 lb \$429

Model 912 30-W/ch Amplifier
2 channels. 30 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.5% THD or 90 x 1 into 8 ohms. Features Soft Clipping circuitry; 2-ohm drive capability. Variable input sens. S/N 85 dB; damping factor 100 at 50 Hz; dynamic headroom 2 dB. 16 1/2 x 3 3/4 x 10 1/2 in \$279

NAIM

NAP-135 75-W Mono Amplifier
1 channel. 75 W cont into 8 ohms. Features toroidal transformers; 2 regulated power supplies; thermal protection; fan cooling. FR 3-40,000 Hz ±3 dB. 16 1/2 x 3 x 11 1/4 in \$3,000

NAP-250 70-W/ch Amplifier
2 channels. 70 W x 2 cont into 8 ohms. Features toroidal transformers; 4 regulated power supplies; thermal protection. FR 3-40,000 Hz ±3 dB \$3,000

NAP-180 60-W/ch Amplifier
2 channels. 60 W x 2 cont into 8 ohms. Features 430-VA toroidal transformer; 4 smoothing capacitors; thermal protection. FR 5-40,000 Hz ±3 dB. 16 1/2 x 3 x 11 1/4 in \$1,900

NAP-140 45-W/ch Amplifier
2 channels. 45 W x 2 cont into 8 ohms. Features dual-power-supply rectification; 2 smoothing capacitors for each channel; thermal protection. FR 5-40,000 Hz ±3 dB. 16 1/2 x 3 x 11 1/4 in \$1,350

NAP-90/3 30-W/ch Amplifier
2 channels. 30 W x 2 cont into 8 ohms. Features protection circuitry. FR 5-40,000 Hz ±3 dB \$800

NILES

SI-1200 300-W Amplifier
12 channels. 25 W2 into 8 ohms from 20-20,000 Hz with 0.01% THD; all channel pairs bridge to 50 x 1 into 8 ohms from 20-20,000 Hz with 0.1% THD. Designed for multiroom systems. Thermal and short-circuit protections for each channel. 12-V DC switched trigger output; 5-way binding posts. BusMatrix selector to route stereo, mono, and surround sound simultaneously to different rooms; independent level controls; music-sense, external-voltage-trigger, and manual turn-on modes; LED indicators. 17 x 5 1/4 x 14 in; 29 lb ... \$900

SI-250 125-W/ch Amplifier
2 channels. 125 W x 2 rms into 8 ohms with 0.01% THD, 250 x 2 rms into 2 ohms, or 250 x 1 rms into 8 ohms from 20-20,000 Hz. DC, short-circuit, thermal, and overload protections. 5-way binding posts; switched and unswitched AC outlets. Music-sense, remote-voltage-trigger, and manual turn-on modes; LED indicators. 17 x 5 1/4 x 14 in; 26.5 lb \$650

ONKYO

Integra M-588F 200-W/ch Amplifier
2 channels. 200 W x 2 rms into 8 ohms or 750 x 2 max into 2 ohms. Dual-mono design; discrete outputs; overload protection. XLR and RCA inputs; 4 parallel banana-plug outputs. 2 power meters with auto range selection. THD 0.005%; S/N 120 dB; damping factor 180. 18 x 7 1/2 x 16 1/4 in; 65.2 lb \$2,099

Integra M-504 165-W/ch Amplifier
2 channels. 165 W x 2 rms into 8 ohms or 530 x 2 max into 2 ohms. Dual-mono design; discrete outputs; linear switching. 4-way speaker selector; peak power meters. THD 0.003%; S/N 120 dB; damping factor 140. 18 1/2 x 7 1/2 x 16 1/4 in; 49.5 lb \$869

M-501 150-W/ch Amplifier
2 channels. 150 W x 2 rms into 8 ohms, 210 x 2 max into 8 ohms, or 400 x 2 into 2 ohms. Protection circuitry. Outputs for 2 speaker pairs. THD 0.09%; S/N 100 dB; damping factor 60. 17 1/2 x 5 1/2 x 13 1/4 in; 23.1 lb ... \$399

PAC

LS-2 Plus 125-W Mono Amplifier
1 channel. 125 W into 8 ohms. Features MOSFET design; shielding \$1,550
Stereo version of the above \$1,500

PARAMOUNT PICTURES

MC-200 240-W Amplifier
6 channels. 40 W x 6 rms. Features discrete inputs and outputs; toroidal power supply. Independent level adjustment and signal pass-through for each channel \$380

PARASOUND

HCA-1206 810-W THX Amplifier
6 channels. 135 W x 6 into 8 ohms or 200 x 6 into 4

ohms; 2 channel pairs bridge to 300 x 1. Designed for home theater systems. Features THX certification; matched JFET inputs; MOSFET drivers; 24 Beta-matched 15-amp 16-MHz bipolar outputs; 1,700-VA power transformer; DC servo circuitry; 120,000-µF power supply; direct coupling; no capacitors or inductors in signal path. Gold-plated 5-way binding posts; RCA jacks. Looping switches for multiple-zone stereo; current-overload indicators; gain controls \$1,950

HCA-2200II 250-W/ch Amplifier
2 channels. 250 W x 2 into 8 ohms, 400 x 2 into 4 ohms, 400 x 2 into 2 ohms, 800 x 1 into 8 ohms, or 1,000 x 1 into 4 ohms. Features matched JFET inputs; MOSFET drivers; 12-pairs Beta-matched 15-amp 60-MHz bipolar outputs; two 1,200-VA toroidal power transformers; DC servo circuitry; 100,000-µF power supply; film bypass capacitors; direct coupling; no capacitors or inductors in signal path. Balanced XLR inputs; two sets of gold-plated 5-way binding posts. Gold XLR-input selector switches. THD 0.07% \$1,795

HCA-3001 100-W Mono Amplifier
1 channel. 100 W rms. Mounts in standard EIA 3U rack. Features Class A design. FR 2-150,000 Hz; S/N 105 dB; slew rate 120 V/µs \$1,695

HCA-2003 600-W Amplifier
3 channels. 200 W x 3 into 8 ohms or 300 x 3 into 4 ohms. Mounts in standard EIA 3U rack. Features separate power supplies for each channel; separate supplies for driver stage of each channel ... \$1,595

HCA-806 480-W Amplifier
6 channels. 80 W x 6 rms into 8 ohms or 120 x 6 rms into 4 ohms, both from 20-20,000 Hz; two channel pairs bridge to 180 x 1 rms from 20-20,000 Hz. Features matched JFET inputs; 24 Beta-matched 15-amp 60-MHz bipolar outputs; 1,200-VA power transformer; DC servo circuitry; 90,000-µF power supply. Gold-plated 5-way binding posts; RCA jacks. Looping switches for multiple-zone stereo; gain controls. THD 0.05% at full power; S/N 118 dB input shorted, IHF A-weighted; slew rate 130 V/µs; damping factor 800 at 20 Hz; dynamic headroom 2 dB. 19 x 5 1/4 x 18 1/2 in; 50 lb \$1,150

HCA-1200II 205-W/ch THX Amplifier
2 channels. 205 W x 2 into 8 ohms, 315 x 2 into 4 ohms, or 630 x 1 into 8 ohms. Features THX certification; matched JFET inputs; MOSFET drivers; 20 Beta-matched 15-amp bipolar outputs; 1,000-VA power transformer; 60,000-µF power supply; direct coupling; no capacitors or inductors in signal path. Gold-plated 5-way binding posts; RCA inputs. Gain controls. THD 0.08% \$975

HCA-1000 110-W/ch THX Amplifier
2 channels. 110 W x 2 into 8 ohms with THD 0.03%, 180 x 2 into 4 ohms, or 300 x 1 into 8 ohms. Features THX certification; complimentary JFET input transistors; MOSFET drivers; 12 Beta-matched 15-amp 60-MHz bipolar outputs; 700-VA toroidal power transformer; DC servo circuitry; 28,000-µF power supply; current overload indicators; direct coupling; no capacitors or inductors in signal path. Gold-plated 5-way binding posts; RCA jacks. Gain controls ... \$575
HCA-1000-17. As above, 17 1/4-in front panel ... \$575

HCA-600 60-W/ch Amplifier
2 channels. 60 W x 2 into 8 ohms, 75 x 2 into 4 ohms, or 150 x 1 into 8 ohms. Features JFET input transistors; bipolar output transistors; DC servo circuitry; current overload indicators; direct coupling; no capacitors or inductors in signal path. Gold-plated 5-way binding posts; RCA jacks. Gain controls. THD 0.07% \$395
HCA-600-17. As above, 17 1/4-in front panel \$395

PERREAU TECHNOLOGIES

Reference Series
The following all feature Class A/AB design, MOSFET output drivers, gold-plated input and output drivers, and power-on muting. All except Reference 6135 also feature balanced and unbalanced inputs.

Reference 550 550-W/ch Amplifier

2 channels. 550 W x 2 cont avg into 8 ohms or 900 x 2 into 4 ohms from 20-20,000 Hz with 0.015% THD. Dynamic headroom 2 dB. Silver or black chrome finish. 19 x 22½ x 7½ in; 110 lb\$5,995

Reference 5200 1,000-W Amplifier

5 channels. 200 W x 5 into 8 ohms or 330 x 5 into 4 ohms from 20-20,000 Hz with 0.01% THD. Designed for home theater and multiroom systems. Features 3 oversized toroidal power transformers and storage capacitors. LED signal and clipping indicators for each channel; rear handles. Dynamic headroom 2.5 dB. Silver or black chrome finish. 19 x 18½ x 7½ in; 66 lb\$4,495

Reference 350 350-W/ch Amplifier

2 channels. 350 W x 2 cont avg into 8 ohms or 600 x 2 into 4 ohms from 20-20,000 Hz with 0.01% THD. Oversized toroidal power supply and storage capacitors. Rear handles. Dynamic headroom 2 dB. Silver or black chrome finish. 19 x 17¼ x 7½ in; 56 lb\$3,995

Reference 6135 810-W Amplifier

6 channels. 135 W x 6, 135 x 4 + 300 x 1, 300 x 2 + 135 x 2, or 300 x 3 cont avg into 8 ohms; 225 W x 6 into 4 ohms from 20-20,000 Hz with 0.015% THD. Features 3 toroidal transformers. LED signal and clipping indicators for each channel; rear handles. Dynamic headroom 2.5 dB. Silver or black chrome finish. 19 x 17½ x 7½ in; 44 lb\$3,495

Reference 250 250-W/ch Amplifier

2 channels. 250 W x 2 cont avg into 8 ohms or 400 x 2 into 4 ohms from 20-20,000 Hz with 0.01% THD. Features oversized toroidal power transformer and storage capacitors. Rear handles. Dynamic headroom 2 dB. Silver or black chrome finish. 19 x 17¼ x 7½ in; 43 lb\$2,995

E Series

E-240 220-W/ch Amplifier

2 channels. 220 W x 2 cont avg into 8 ohms or 330 x 2 cont avg into 4 ohms from 20-20,000 Hz with 0.003% THD. Features Class A/AB design; toroidal power supply; MOSFET output drivers. Gold-plated inputs; 5-way binding posts. Dynamic headroom 2 dB. Black satin finish. 17½ x 15 x 5¼ in; 28 lb\$1,495

E-675 450-W Amplifier

6 channels. 75 W x 6, 75 x 4 + 200 x 1, 200 x 2 + 75 x 2, or 200 x 3 cont avg into 8 ohms; 125 W x 6 into 4 ohms from 20-20,000 Hz with 0.005% THD. Features 3 toroidal power transformers. Gold-plated inputs; 5-way binding posts. LED signal and clipping indicators for each channel. Dynamic headroom 2 dB. Black satin finish. 17½ x 16¼ x 5¼ in; 38 lb\$1,495

E-120 120-W/ch Amplifier

2 channels. 120 W x 2 cont avg into 8 ohms or 180 x 2 cont avg into 4 ohms from 20-20,000 Hz with 0.003% THD. Features Class A/AB design; toroidal power supply; MOSFET output drivers. Gold-plated inputs; 5-way binding posts. Dynamic headroom 2 dB. Black satin finish. 17½ x 15 x 5¼ in; 20 lb\$1,095

PETERSON-KLAUS

Mosfet 120 60-W/ch Amplifier

2 channels. 60 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.009% THD. Features 22 transistors; 4 power MOSFET's. FR 10-40,000 Hz -0.5 dB; S/N 100 dB; slew rate 30 V/µs; damping factor 100. 13½ x 6½ x 13½ in\$399
Kit version of the above\$299

PIONEER

M-91 200-W/ch Amplifier

2 channels. 200 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.003% THD. Outputs for 2 speaker pairs; headphone jack. FR 20-20,000 Hz -0.1 dB; S/N 125 dBA. 18 x 6½ x 17 in\$1,400

M-72 200-W Amplifier

4 channels. 50 W x 4 cont avg into 8 ohms from 20-

20,000 Hz with 0.02% THD or 100 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.009% THD. Outputs for 3 speaker pairs; headphone jack. FR 5-150,000 Hz -3 dB; S/N 120 dBA. 18½ x 6½ x 16¼ in\$1,000

POINTSOURCE

T204 200-W/ch Tube Amplifier

2 channels. 200 W x 2 into 8 ohms. Features Class A/AB operation; sixteen 6550 vacuum tubes for regulated power supply; selectable triode/pentode operation. Variable feedback control. 19 x 7 x 15 in; 70 lb\$3,500

T104. As above, 100 W x 2 into 8 ohms. Eight 6550 power-supply vacuum tubes\$2,500

A204 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms or 400 x 2 into 4 ohms from 10-20,000 Hz with 0.1% THD. Features MOSFET input stage; high-bias bipolar output stage; dual-mono design; two separate power supplies; two separate toroidal transformers. Gold-plated inputs and outputs. 19 x 7½ x 15 in; 16 lb\$2,000

PROCEED

AMP3 450-W THX Amplifier

3 channels. 150 W x 3 into 8 ohms or 250 x 3 into 4 ohms. THX certified. Features dedicated power supply for each channel; toroidal transformer. 2 sets of 5-way binding posts; balanced and unbalanced inputs. Remote turn-on capability\$2,995

AMP2. As above, 2 channels. Can be upgraded to AMP3\$1,995

PROTON

AA-1660 360-W Amplifier

6 channels. 60 W x 6 into 8 ohms with 0.05% THD. Features protection circuitry; bridgeable output. FR 20-20,000 Hz ±0.5 dB; S/N 113 dB; damping factor 100 dB. 16½ x 4¼ x 15½ in\$700

AA-2120 120-W/ch Amplifier

2 channels. 120 W x 2 into 8 ohms or 180 x 2 into 4 ohms. Features dual-mono design. Gold-plated outputs and RCA inputs. 2 peak meters. FR 20-20,000 Hz ±0.3 dB; THD 0.01%; S/N 100 dB; slew rate 50 V/µs; damping factor 100 dB; dynamic headroom 2.5 dB. 16½ x 4¼ x 15½ in\$700

AA-2080. As above, 80 W x 2 into 8 ohms or 120 x 2 into 4 ohms\$500

PS AUDIO

PS-200 Delta 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms or 375 x 2 into 4 ohms. Features toroidal transformer; Class AB operation; EMI/RFI filtering; fuse protection; direct coupling; glass-epoxy circuit board. THD 0.1%; slew rate 150 V/µs. 17 x 6 x 17 in; 68 lb\$1,995
With balanced inputs\$2,195

PS-100 Delta 120-W/ch Amplifier

2 channels. 120 W x 2 into 8 ohms or 200 x 2 into 4 ohms. Features dual-mono design; direct-coupled input and output. THD 0.1%; slew rate 150 V/µs. 17 x 6 x 17 in; 45 lb\$1,295

PS-250 Delta 250-W Mono Amplifier

1 channel. 250 W into 8 ohms or 400 W into 4 ohms. Features EMI/RFI filtering; direct coupling; fuse protection; glass-epoxy circuit board. THD 0.1%; slew rate 150 V/µs. 17 x 6 x 17 in; 52 lb\$1,248

QUICKSILVER

Model 135 135-W Mono Tube Amplifier

1 channel. 135 W into 4 or 8 ohms from 20-20,000 Hz. Features hand wiring; 12AU7, 12FQ7, and six EL34 vacuum tubes. Meter; bias controls. 13 x 17 x 8 in; 70 lb\$3,250

Model 80 80-W Mono Tube Amplifier

1 channel. 80 W into 4 or 8 ohms from 20-20,000 Hz. Features hand wiring; 5AR4, 12BH7, two 12FQ7,

and four matched EL34 vacuum tubes. 14¼ x 9¼ x 5½ in; 34 lb\$1,498

Silver 90-W Mono Tube Amplifier

1 channel. 90 W cont avg into 4 or 8 ohms from 20-20,000 Hz. Features hand wiring; 12AX7, 12BH7, 5V4, and matched-pair KT88 vacuum tubes. 9¼ x 6 x 15¼ in; 37 lb\$1,225

Great Little Amp GLA 40-W/ch Tube Amplifier

2 channels. 40 W x 2 into 4 or 8 ohms. Features hand wiring; 6DJ8, 12AX7, and four matched EL34 vacuum tubes. 15¼ x 10½ x 5½ in; 48 lb\$1,195

Series II KT88 60-W Mono Tube Amplifier

1 channel. 60 W cont avg into 4 or 8 ohms from 20-20,000 Hz. Features hand wiring; 5AR4, two 12FQ7, and matched-pair KT88 vacuum tubes. 14 x 9¼ x 6 in; 30 lb\$898

RANE

SSA6 600-W Amplifier

6 channels. 100 W x 6 rms into 8 ohms or 150 x 6 rms into 4 ohms; each channel pair bridges to 300 x 1 into 8 ohms. Features voltage-controlled attenuator for each channel to prevent clipping; separate circuit board for each channel; all-steel construction; variable-speed cooling fan. RCA inputs. Bridging switches; on/off muting; input-sens controls; clip-limit, safe-operating-area, and ready indicators. FR 10-55,000 Hz -3 dB; S/N 101 dB. 17½ x 5¼ x 11 in\$1,599

RBH

TA-350 525-W Amplifier

5 channels. 150 W x 2 + 75 x 3\$795

ROTEL

RB-985THX 500-W THX Amplifier

5 channels. 100 W x 5 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. Features THX certification; toroidal transformer. RCA and DB-25 inputs. FR 10-80,000 Hz ±0.5 dB; S/N 115 dB; damping factor 180. 17½ x 5½ x 15½ in\$1,000

RB-990BX 200-W/ch Amplifier

2 channels. 200 W x 2 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. Features toroidal transformer with separate channel rectifiers and filter capacitors. FR 4-100,000 Hz +0.5, -3 dB; S/N 120 dB; damping factor 1,000. 17½ x 4¼ x 14¼ in\$1,000

RMB-100 125-W Mono Amplifier

1 channel. 125 W cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. Features MOSFET output. RCA and balanced inputs; dual output terminals. Auto turn on. FR 10-20,000 Hz ±0.4 dB; S/N 100 dB; damping factor 500. 6½ x 6¾ x 7½ in\$700

RB-980BX 120-W/ch Amplifier

2 channels. 120 W x 2 or 360 x 1 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. Features toroidal transformer. FR 4-100,000 Hz +0.5, -3 dB; S/N 120 dB; damping factor 1,000. 17½ x 4¼ x 12 in\$600

RB-956AX 240-W Amplifier

6 channels. 40 W x 6, 40 x 4 + 100 x 1, 40 x 2 + 100 x 2, or 100 x 3 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. Features toroidal transformer. Gain control. FR 10-80,000 Hz ±1 dB; S/N 105 dB; damping factor 180. 17½ x 4¼ x 14¼ in\$500

RB-970BX-II 60-W/ch Amplifier

2 channels. 60 W x 2 or 180 x 1 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. Features toroidal transformer. FR 15-100,000 Hz -3 dB; S/N 116 dB; damping factor 280. 17½ x 3¾ x 12 in\$400

RB-930AX 30-W/ch Amplifier

2 channels. 30 W x 2 or 100 x 1 cont avg into 8 ohms from 20-20,000 Hz with 0.03% THD. Adjustable input level. FR 15-100,000 Hz -3 dB; S/N 116 dB; damping factor 180. 17½ x 3¾ x 12 in\$250

SIGNATURE TECHNOLOGIES

SRA-5 Reference 50-W/ch Tube Amplifier
2 channels. 50 W x 2 into 8 ohms. Features discrete MOSFET input that drives two EL34 vacuum tubes per channel in Class A mode; EL34 and 6CA7 vacuum tubes; film resistors; polypropylene capacitors; full-size bias pots with self-extinguishing LED indicator. Gold output posts. S/N 100 dB. 5-yr limited warranty. 16 x 7 x 12 in.; 30 lb\$1,995

SRA-8 Reference. As above, 35 W x 2. Solid handcrafted hardwood cabinet\$1,695

SONANCE

Sonamp 2120 120-W/ch Amplifier
2 channels. 120 W x 2 into 8 ohms or 160 x 2 into 4 ohms. Features Class AB output stage. RCA output for daisy-chaining. On/off signal sensing; level controls. Rack-mount version available. FR 20-20,000 Hz; THD 0.05%\$649

Sonamp 260 x 3 60-W/ch Amplifier
2 channels. 60 W x 2 into 8 ohms or 120 x 2 into 4 ohms. Features Class AB output stage. RCA output for daisy-chaining. On/off signal sensing; level controls; switches for 3 speaker pairs. FR 20-20,000 Hz; THD 0.05%\$459

Sonamp 260. As above, without 3 speaker-pair switches\$399

SONOGRAFPE

SA250 125-W/ch Amplifier
2 channels. 125 W x 2 into 8 ohms. Features bipolar output stage. 17 x 5 1/4 x 13 in\$995

SONY

TA-N90ES 100-W/ch Amplifier
2 channels. 100 W x 2 into 8 ohms or 140 x 2 into 4 ohms, both with 0.12% THD. Features power MOSFET output stage; triple push-pull complementary output stage; dual-mono design; two twin-drive power supplies with separate transformer taps for left and right and separate secondaries for input and output; toroidal-core power transformer; discrete output transistors; non-magnetic MOSFET frame; aluminum front panel; protection circuitry. Balanced-XLR inputs. FR 1-20,000 Hz -3 dB; S/N 120 dB; damping factor 100 at 8 ohms, 1,000 Hz; dynamic headroom 2.8 dB at 4 ohms. 17 x 6 3/4 x 16 1/2 in.; 46.3 lb\$2,400

TA-N80ES 200-W/ch Amplifier
2 channels. 200 W x 2 into 8 ohms with 0.004% THD, 270 x 2 into 4 ohms with 0.006% THD, or 580 x 1 into 8 ohms with 0.007% THD. Features discrete output transistors; triple push-pull complementary output stage; anodized 17-vent heat sinks; 520-VA power transformer; thermal and short-circuit protections; separate power supplies for input and output. Fixed and variable inputs; mono input/output; balanced-XLR inputs; parallel A/B speaker terminals. Gain controls. Slew rate 150 V/μs; damping factor 100 at 8 ohms, 1,000 Hz; dynamic headroom 2.8 dB at 4 ohms. Veneer side panels. 18 1/2 x 7 1/2 x 14 1/2 in.; 52.9 lb\$1,250

TA-N55ES 110-W/ch Amplifier
2 channels. 110 W x 2 into 8 ohms with 0.004% THD, 150 x 2 into 4 ohms with 0.006% THD, or 300 x 1 into 8 ohms with 0.007% THD. Features discrete output transistors; parallel push-pull output stage with 4 transistors per channel; thermal and short-circuit protections; separate power supplies for input and output; anodized 17-vent heat sinks. Fixed and variable inputs; mono input/output; parallel A/B speaker terminals. Gain control; A/B speaker switching. Slew rate 120 V/μs; damping factor 100 at 8 ohms, 1,000 Hz; dynamic headroom 2.8 dB at 4 ohms. 17 x 6 x 14 1/2 in.; 26.9 lb\$520

TA-N220 180-W Amplifier
4 channels. 45 W x 4 with 0.015% THD, 100 x 1 + 45 x 2 with 0.1% THD, or 100 x 2 with 0.1% THD, all into 8 ohms from 20-20,000 Hz. Variable line-level-gain

and bridging controls; front-panel status indicators. Dynamic headroom (4-channel mode) 2.3 dB into 8 ohms. 17 x 5 1/4 x 14 1/2 in.; 20.3 lb\$360

SOUNDOLIER

THP-CXA 100-W Mono Amplifier
1 channel. 100 W rms into 8 ohms or 145 W rms into 4 ohms. Features defeatable built-in active crossover with adjustable high- and low-pass filters; 12-dB/oct low-pass filter variable from 80-200 Hz; 6-dB/oct high-pass filter selectable at 100, 150, or 200 Hz; defeatable infrasonic filter selectable at 20 or 40 Hz. Line-level input; binding posts; AC outlet. Level control; polarity-reverse switch; LED indicator. FR 10-20,000 Hz -0.7 dB; THD 0.1%; dynamic headroom 1 dB. 17 x 3 1/2 x 14 in\$375

SOUNDSTREAM

DA2 200-W/ch THX Amplifier
2 channels. 200 W x 2 cont into 8 ohms from 20-20,000 Hz with 0.1% THD or 1,000 x 1 into 4 ohms. THX certification; proprietary Stewart Switch-Mode power supply with RF filtering; 1/2-ohm stability; harmonic-phase correction circuit. Balanced and unbalanced inputs; 5-way binding posts. FR 20-20,000 Hz -0.25 dB; S/N 110 dB; slew rate 30 V/μs; damping factor 500. 17 1/2 x 1 3/4 x 15 in\$1,195

RA100 MkII 50-W/ch Amplifier
2 channels. 50 W x 2 into 4 ohms from 20-20,000 Hz with 0.1% THD. Designed for one zone in multiroom system with SN1 controller. Features 1-ohm stability. Outputs for 4 speaker pairs; variable line-level outputs; input for local audio source; signal-processor loop. Remote volume and balance controls. Wall or shelf mount. FR 20-20,000 Hz -0.5 dB. 9 x 1 1/4 x 14 in; 5 lb\$650

SOUND VALVES

M60 60-W Mono Tube Amplifier
1 channel. 60 W into 2, 4, or 8 ohms from 20-20,000 Hz with 0.5% THD. Features Class AB1 operation; switchable to 30 W triode; regulated soft-start power supply; ground lift; 12AT7/6201, 12AU7/5963, and two 6550A vacuum tubes. Gold RCA connectors and binding posts. Visual bias indicator. FR 5-70,000 Hz -3 dB; S/N 100 dB. Chrome chassis; black cage. 3-yr limited parts-and-labor warranty; 1-yr tube warranty. 9 1/2 x 7 1/2 x 12 in; 32 lb\$1,299

VTA-70i 30-W/ch Tube Amplifier
2 channels. 30 W x 2 into 4, 8, or 16 ohms from 30-20,000 Hz with 1% THD. Class AB1 operation; four matched EL34/6CA7 and two 6GH8A tubes. Gold RCA connectors and binding posts. Visual bias indicator. FR 10-45,000 Hz -3 dB; S/N 80 dB. Chrome chassis; black cage. 3-yr limited parts-and-labor warranty; 1-yr tube warranty. 13 x 7 x 9 1/2 in; 32 lb\$899

Kit version of the above. 1-yr warranty\$699

M40 40-W Mono Tube Amplifier
1 channel. 40 W into 4, 8, or 16 ohms from 20-20,000 Hz with 1.5% THD. Class AB1 operation; soft start with indicator; 6GH8A and two matched EL34/6CA7 vacuum tubes. Gold RCA connectors and binding posts. Cage optional. FR 10-70,000 Hz -3 dB; S/N 85 dB. Chrome chassis. 3-yr limited parts-and-labor warranty; 1-yr tube warranty. 5 x 6 1/2 x 14 1/2 in; 20 lb\$549

Kit version of M40. 1-yr warranty\$399

SUMO

Ten/M 240-W Mono Amplifier
1 channel. 240 W into 8 ohms. Features mono dual differential Class A operation; balanced circuitry; proprietary Transconductance Linearization circuitry; 1,000-VA power transformer with 150 amperes of current. Balanced-XLR Input. FR 20-20,000 Hz; THD 0.1%\$3,699/pr

Andromeda Series III 240-W/ch Amplifier
2 channels. 240 W x 2 into 8 ohms with 0.1% THD or

400 x 2 into 4 ohms with 0.2% THD. Features balanced topology; no overall feedback; Class A gain stage; Transconductance Linearization circuitry; 1,500-VA transformer with 50,000-μF filter capacitance; 16 hand-matched output MOSFET. FR 20-20,000 Hz -0.2 dB; ch sep 80 dB; damping factor 300. 19 x 7 x 16 1/2 in\$1,699

Polaris III 120-W/ch Amplifier
2 channels. 120 W x 2 into 8 ohms with 0.1% THD, 175 x 2 into 4 ohms with 0.2% THD, or 350 x 1 into 8 ohms with 0.2% THD. Features fully complementary amplifier stage; Transconductance Linearization circuitry around output MOSFET's; 800-VA transformer with 40,000-μF filter capacitance; HEXFET technology; no capacitors in signal path. FR 20-20,000 Hz -0.1 dB; ch sep 80 dB; damping factor 300. 19 x 5 1/4 x 11 1/2 in\$849

SUNFIRE

Sunfire 300-W/ch Amplifier
2 channels. 300 W x 2 into 8 ohms, 600 x 2 into 4 ohms, 1,200 x 2 into 2 ohms, 2,400 x 2 into 1 ohm. Designed to drive any Impedance load. Features output transistors with high-energy storage capacitors that incorporate reactive currents from speaker back into power supply; double-slided glass epoxy circuit boards; laser-trimmed metal-film resistors; crystal base with damping supports for vibration isolation. Power Supply Energy meter on front panel. 19 x 6 1/4 x 15 1/4 in; 43 lb\$2,175

SUTHERLAND

A-1000 200-W Mono Amplifier
1 channel. 200 W. Features all-MOSFET signal path; twenty-four 10,000-μF capacitors; smooth power turn-on/off allowing power-supply capacitors to be fully charged at all times; front transformer maximally distant from driver stage to eliminate interference; medical-grade power transformer; 1/2-in fiberglass circuit board. Solid brushed and clear-anodized case. 9 1/2 x 5 1/4 x 26 in; 90 lb\$18,000/pr

SYMPHONIC LINE

Kraft Reference 500-W Mono Amplifier
1 channel. 500 W into 4 ohms. Features Class A/AB circuitry; fully suspended 1,200-VA power supply; internal protection circuitry. RCA and XLR inputs. FR 1-1,000,000 Hz; damping factor 1,600. 20 x 14 x 30 in; 260 lb\$25,000/pr

RG-4 200-W Mono Amplifier
1 channel. 200 W into 8 ohms or 560 W into 2 ohms. Class A/AB circuitry; internal protection circuits; steel construction; 750-VA transformer. FR 1.5-500,000 Hz; damping factor 1,000\$9,950/pr

RG-7 130-W/ch Amplifier
2 channels. 130 W x 2 into 8 ohms or 400 x 2 into 2 ohms. Dual-mono design; Class A/AB circuitry; internal protection circuits; steel construction. RCA and XLR inputs and outputs. FR 2-500,000 Hz\$5,600

RG-1 150-W/ch Amplifier
2 channels. 150 W x 2 into 8 ohms or 460 x 2 into 2 ohms. Class A/AB circuitry; dual-mono design; protection circuits; steel chassis. RCA and XLR inputs and outputs. FR 2-400,000 Hz\$3,950

RG-11 150-W/ch Amplifier
2 channels. 150 W x 2 into 4 ohms. Features 300-VA transformer. Available in bridged-mono version. FR 1-450,000 Hz; damping factor 600\$2,200

TECHNICS

SE-A1000 65-W/ch Amplifier
2 channels. 65 W x 2 into 8 ohms from 20-20,000 Hz with 0.01% THD. Features MOS Class AA circuitry with MOSFET devices in Class A voltage-control amp and bipolar transistors in current-drive amp; transformer coil wound on R-shaped iron core to reduce flux leakage. Needle-type power meters\$550

THRESHOLD

The following may be purchased with a pewter-gray finish for an additional \$100.

T800D 200-W/ch Amplifier

2 channels. 200 W x 2 into 8 ohms, 400 x 2 into 4 ohms, or 700 x 2 into 2 ohms. Class A operation; fully differential balanced dual-mono design; toroidal transformer with separate windings and bridged rectifiers for each channel; separate power supplies for voltage- and current-gain stages; discrete direct-coupled circuitry; 28 matched IGBT output devices per channel; no global feedback. Balanced inputs. 10-yr parts-and-labor warranty\$7,500
With back-lit analog meters\$8,100

T400 150-W/ch Amplifier

2 channels. 150 W x 2 into 8 ohms, 300 x 2 into 4 ohms, or 450 x 1 into 8 ohms. Features Class A operation; dual-mono design; separate toroidal transformers and bridge rectifiers for each channel; separate power supplies for voltage- and current-gain stages; discrete direct-coupled circuitry; 1-ohm load capability; 18 individually matched IGBT output devices per channel; no global feedback. Balanced inputs. 10-yr parts-and-labor warranty\$5,250

T200 100-W/ch Amplifier

2 channels. 100 W x 2 into 8 ohms, 200 x 2 into 4 ohms, or 330 x 1 into 8 ohms. Class A operation; toroidal transformer and separate power supplies for voltage- and current-gain stages; discrete direct-coupled circuitry; 1-ohm load capability; 16 matched IGBT output devices per channel; no global feedback. Balanced inputs. 10-yr parts-and-labor warranty\$4,200

T100 60-W/ch Amplifier

2 channels. 60 W x 2 into 8 ohms, 120 x 2 into 4 ohms, or 180 x 1 into 8 ohms. Class A operation; toroidal transformer; 128,000-µF filter capacitance; discrete direct-coupled circuitry; 12 matched IGBT output devices per channel; no global feedback. Balanced inputs. 10-yr parts-and-labor warranty\$2,850

T50 50-W/ch Amplifier

2 channels. 50 W x 2 into 8 ohms or 100 x 2 into 4 ohms. Class A operation; toroidal transformer; 128,000-µF filter capacitance; discrete direct-coupled circuitry; 8 matched IGBT output devices per channel; no global feedback. Balanced inputs. 10-yr parts-and-labor warranty\$2,190

TUBE RESEARCH LABS

GT400 400-W Mono Tube Amplifier

1 channel. 400 W into 2, 4, or 8 ohms. Features triode design without printed circuit board; 24 vacuum tubes; 3/2-in military-grade meter for continuously adjustable bias. 1-in-thick black anodized plates for front and rear that double as built-in handles; 24-karat polished gold plate to cover transformers and cap banks. 19 x 12 x 37 in\$32,000/pr
TR300. As above, 300 W. Switchable triode/pentode design; 16 tubes. Without built-in handles. 24 x 12 x 20 in\$17,500/pr

VAC

R70/70 MkII 65-W/ch Tube Amplifier

2 channel. 65 W x 2 into 2, 4, or 8 ohms. Features Class A triode tube circuit; 300B filamentary output triodes; 300B sentry tube monitor circuit; 14 power supplies; single-chassis dual-mono design; independent power cords for each channel; zero or variable feedback; variable grounding; nonmagnetic chassis; Class A direct-coupled input circuit; 21-section bifilar output transformers. FR 6-90,000 Hz -5 dB. 8 1/2 x 18 x 18 in; 125 lb\$9,800

R140 MkII 130-W Mono Tube Amplifier

1 channel. 130 W into 2, 4, or 8 ohms. Features all Class A triode tube circuitry; 300B filamentary output triodes; 300B sentry tube monitor circuit; zero or variable feedback; variable grounding; nonmagnetic chassis; Class A direct-coupled input circuit; 21-section

bifilar output transformer with gold-plated end bells. 8 1/2 x 18 x 18 in; 125 lb\$9,800

PA90C 120-W Mono Tube Amplifier

1 channel. 120 W into 2, 4, or 8 ohms. All tube circuitry; separate power supply; triode or Ultralinear operation of EL34 output stage; standby; nonmagnetic chassis; 21-section bifilar output transformer. Dedicated balanced input and analog bias meter optional. FR 6-90,000 Hz -0.5 dB. 6 x 7 1/4 x 16 1/4 in; 70 lb ..\$6,990/pr

PA160 MkII 160-W Mono Tube Amplifier

1 channel. 160 W into 2, 4, or 8 ohms. May be adapted with KT88, KT90, KT77, KT66, 6550, EL34, 6CA7, 5881, or 6L6GC output tubes. Features all-tube circuitry; variable feedback; nonmagnetic chassis; 21-section bifilar output transformer; 5 power supplies; output switchable between triode, Ultralinear, or pentode mode. XLR and RCA inputs. Bias monitors and controls. FR 6-90,000 Hz -0.5 dB. 9 x 11 1/2 x 18 in; 70 lb\$5,490/pr

R30/30 32-W/ch Tube Amplifier

2 channel. 32 W x 2 into 2, 4, or 8 ohms. All Class A triode tube circuitry; 300B filamentary output triodes; 300B sentry tube monitor circuit; zero or variable feedback; variable grounding; nonmagnetic chassis; Class A direct-coupled input circuit; 21-section bifilar output transformers with gold-plated end bells. FR 6-90,000 Hz -0.5 dB. 7 1/2 x 18 x 15 1/2 in; 100 lb ..\$4,990

PA80/80 80-W/ch Tube Amplifier

2 channels. 80 W x 2 into 2, 4, or 8 ohms. Features all tube circuitry with four Golden Dragon KT88 output vacuum tubes; direct-coupled Class A input; nonmagnetic chassis; 21-section bifilar output transformers. Bias monitors and adjustments. FR 6-90,000 Hz -0.5 dB. 8 x 18 x 14 in; 60 lb\$2,490

VACUUM TUBE LOGIC

The following feature a 5-year warranty.

VTL MB-600 600-W Mono Tube Amplifier

1 channel. 600 W triode-switchable to 300 W. Separate power supply chassis. S/N 94 dB\$11,990/pr
VTL MB-300. As above, 300 W triode-switchable to 150 W\$6,590/pr

VTL MB-225 225-W Mono Tube Amplifier

1 channel. 225 W. Choice of 6550 triode tube or EL34 Ultralinear tube. S/N 92 dB\$5,490/pr

VTL MB-150 150-W Mono Tube Amplifier

1 channel. 150 W triode-switchable to 60 W. S/N 92 dB\$4,390/pr

VTL MB-100 100-W Mono Tube Amplifier

1 channel. 100 W triode-switchable to 45 W. S/N 92 dB\$2,990/pr

VTL ST-125 125-W/ch Tube Amplifier

2 channels. 125 W x 2 triode-switchable to 50 x 2. S/N 90 dB\$2,990

VTL ST-80 80-W/ch Tube Amplifier

2 channels. 80 W x 2. S/N 90 dB\$1,590

VTL Triode 25 25-W Mono Tube Amplifier

1 channel. 25 W. S/N 92 dB\$1,390/pr

VIRTUAL IMAGE

StereoBloc Twenty Forty 18-W/ch Tube Amplifier

2 channels. 18 W x 2 into 2, 4, or 8 ohms or 36 x 1 rms into 2, 4, or 8 ohms. Pentode gain stage direct-coupled to triode split-load phase inverter coupled capacitively to fixed-bias triode-configured push-pull EL34 output stage for each channel; nonregulated power supply; 1%- or 2%-tolerance metal-film resistors; polystyrene or Wonder Caps signal-path capacitors; silver-plated point-to-point signal wiring; gold-plated binding posts; Cardas gold and rhodium RCA inputs; gold-plated beryllium-copper spring terminals. 3-position switch for negative feedback. THD 1%; FR 20-20,000 Hz ±0.25 dB; S/N 80 dB; dynamic

headroom 3 dB. 3-yr warranty; 30-day tube warranty. 19 1/4 x 8 1/2 x 13 1/4 in; 38 lb\$4,000

WOODSIDE

STA50 50-W/ch Tube Amplifier

2 channels. 50 W x 2 into 8 ohms or 70 x 2 into 4 ohms. Model 6540 vacuum tube; Radford-design transformers; 6SN7GT/6SL7GT input tubes. FR 8-60,000 Hz; S/N 90 dB. 17 x 15 1/2 x 7 1/2 in; 38 lb\$2,695
MA100. As above, mono. 100 W into 8 ohms or 125 W into 4 ohms. Four 6550 vacuum tubes; 1,100-µF reservoir capacitors\$4,895/pr

WRIGHT

Model 12DM 85-W Mono Tube Amplifier

1 channel. 85 W into 4 or 8 ohms from 10-35,000 Hz. Four EL34 output vacuum tubes with individual-tube bias adjustments with meter; separate choke-filtered power supplies for low-level input/output tubes; military-spec metal-film resistors; metallized polypropylene and polystyrene capacitors. Gold-plated input; 5-way binding posts. Triode switch; variable feedback control. Dark-oak base; gloss-black chassis. 3-yr warranty. 18 x 13 x 9 in; 48 lb\$1,250

XANTECH

PA640 240-W Amplifier

6 channels. 40 W x 6 into 2 ohms; each channel pair bridgeable to 100 x 1 into 4 ohms. Adjustable input levels for each amp pair\$750

YAMAHA

MX-1 200-W/ch Amplifier

2 channels. 200 W x 2 rms into 8 ohms with 0.008% THD or 350 x 2 rms into 2 ohms with 0.09% THD. Gold-plated PC-board wiring; twin transformers; Class A amplification; linear damping circuit. Link for CX-1 or CX-2 preamp; 3-way binding posts; gold-plated solid-brass inputs. A/B speaker switching. S/N 125 dB; damping factor 350. 17 1/2 x 4 1/2 x 19 1/2 in; 52.8 lb\$1,199
MX-2. As above, 150 W x 2 rms into 8 ohms with 0.008% THD or 230 x 2 rms into 2 ohms with 0.09% THD. S/N 123 dB. 17 1/2 x 4 1/2 x 19 1/2 in; 42 lb\$899

YBA

YBA Signature 200-W Mono Amplifier

1 channel. 200 W into 4 ohms or 100 W into 8 ohms. Features four 500-VA transformers; 24 YBA transistors; 2-piece design. S/N 100 dB; damping factor 800 at 100 Hz. 10-yr warranty. Each enclosure 17 1/4 x 5 1/4 x 13 1/4 in; 105.6 lb\$16,000/pr
Four-piece version of the above. Eight 500-VA transformers; 1 YBA mains filter per channel; sequential switching system power-overload protection. Each enclosure 220 lb\$27,000
One-piece 2-channel version of YBA Signature. 100 W x 2 into 8 ohms. Two 500-VA transformers; 12 YBA transistors. 52.8 lb\$11,000

YBA-1 85-W/ch Amplifier

2 channels. 85 W x 2 into 8 ohms. Features dual-mono design with separate power supplies, each with 60,000-µF capacitance; gold-plated YBA resistors, capacitors, transistors, and connectors. Mono version available. S/N 100 dB; damping factor 800 at 100 Hz. 3-yr warranty. 17 1/2 x 5 1/4 x 13 1/4 in; 48.4 lb\$6,000
YBA-1 HC. As above, greater current stability\$7,000

YBA-2 70-W/ch Amplifier

2 channels. 70 W x 2 into 8 ohms. Features mica-copper insulators on output transistors. S/N 100 dB; damping factor 400 at 100 Hz. 3-yr warranty. 17 1/2 x 5 1/4 x 3 1/4 in; 28.6 lb\$3,100
YBA-2 HC. As above, greater current stability\$3,750
YBA-2 HC DT. As above, dual-mono\$4,750

YBA-3 DT 45-W/ch Amplifier

2 channels. 45 W x 2 into 8 ohms. Features dual-mono design. S/N 100 dB; damping factor 300 at 100 Hz. 3-yr warranty. 17 1/2 x 3 x 14 1/2 in; 15.4 lb\$2,400
YBA-3. As above, but not dual-mono\$1,800

ACCUPHASE

C-290 Preamplifier

Balanced and unbalanced inputs and outputs; MM/MC phono input; 2 tape loops. Attenuator switch; switchable subsonic filter; output-phase and mono/stereo switches; tape-dubbing capability; balance control. FR 20-20,000 Hz ± 0.3 dB MM, 20-20,000 Hz -0.2 dB line; S/N 86 dB MM, 85 dB MC, 95 dB line. 19 x 6 x 16 1/4 in; 52.5 lb\$21,195

C-250 Preamplifier

Balanced and unbalanced inputs and outputs; headphone jack. Features line amplifier topology with bridged feedback; 2 sets of separately housed power transformers and filtering capacitors arranged in dual-mono configuration; separately amplifier housings for left and right channels; logic-controlled relays; gold-plated glass epoxy printed circuit board; subsonic filter; separate amplifier for headphone jack; motor-driven mirror-finished volume control. Remote source switching and volume-level control; balance control. FR 20-20,000 Hz; THD 0.005%. 18 1/4 x 5 1/2 x 16 1/2 in; 30.4 lb\$5,495
AD-250. MM/MC phono EQ for the above. S/N 88 dB MM, 85 dB MC\$595

AACURUS

RL11 Preamplifier

2 tape outputs; 2 line-level outputs. Features hand crafting; pure discrete Class A design; dual-mono DC power supplies; silver-to-silver switching contacts; 1% metal-film resistors; metalized polypropylene capacitors. Remote control with volume, balance, and mute controls. 19-in front panel optional. THD 0.05%; S/N 95 dB. 17 x 3 1/2 x 8 in; 14 lb\$799
LS11. As above, without remote control\$649

P10 Phono Preamplifier

MM/MC input. Features full Class A design without integrated circuits; dual-mono DC power supply; 2-sided military-spec glass-epoxy circuit board; 1% metal-film resistors; metalized polypropylene capacitors; steel chassis. 3 selectable gains; 6 selectable moving-coil input impedances. 19-in front panel optional. S/N 80 dB MM. 17 x 3 x 8 in\$395

ADCOM

GTP-700 A/V Preamplifier/Tuner

4 line-level inputs; 4 composite/S-video inputs; RCA-composite and DB-25 outputs; subwoofer output; output for 2nd room. Dolby AC-3 adaptable. Features THX certification. Dolby Pro Logic mode; rear-channel digital delay up to 100 ms; on-screen displays; programmable remote control\$1,500

GTP-600 A/V Preamplifier/Tuner

4 line-level inputs; 4 composite/S-video inputs; 2 monitor outputs; subwoofer output; gold-plated RCA connectors. Dolby Pro Logic and other surround modes including Cinema augmentation of Dolby Pro Logic; variable rear-channel delay up to 100 ms; on-screen displays; programmable remote control. FR 20-20,000 Hz -0.5 dB; THD 0.005%; S/N 100 dB. 17 x 4 1/4 x 12 1/2 in; 17 lb\$1,100
GTP-550. As above, remote control not programmable, RCA connectors not gold-plated, no on-screen displays\$900

GFP-565 Preamplifier

5 line-level inputs; MM/MC phono input; 3 outputs including 1 direct-coupled; signal-processor loop; headphone jack. Features Class A circuitry; 1% Roederstein metal-film resistors; metal-film capacitors; double-copper-plated glass-epoxy printed circuit board; aluminum chassis; separate headphone amplifier. Record-out selector; loudness control. FR 5-90,000 Hz ± 0.5 dB; THD 0.0025%; S/N 100 dB. 17 x 3 1/4 x 13 in; 11 lb\$900
GFP-555II. As above, chassis not aluminum. FR 5-85,000 Hz ± 0.5 dB; THD 0.003%. 12 lb\$600

GTP-450 Preamplifier/Tuner

5 line-level inputs; signal-processor loop. Features



Carver Research Lightstar Direct preamplifier

quartz-referenced digital tuner; motor-driven volume control. 14 AM/FM presets; remote control. FR 20-20,000 Hz ± 0.5 dB; THD 0.0075%; S/N 95 dB. 17 x 3 1/4 x 12 1/4 in; 14 lb\$500
GPT-350. As above, without motor-driven volume control or remote control\$400

AIR TIGHT

ATC-2 Tube Preamplifier

5 line-level inputs; 2 line-level output pairs; 2 tape loops. Features one 12AX7 and two 12AU7 vacuum tubes. Attenuator. FR 5-100,000 Hz ± 1 dB; THD 0.01%; S/N 90 dB\$5,350

ATC-1 Tube Preamplifier

Phono and line-level inputs. Features two 12AX7 vacuum tubes; B power supply; no printed circuit boards; OFC wiring; extruded-aluminum front panel. THD 0.05% phono, 0.02% line; S/N 85 dB phono, 98 dB line\$3,400

ATL-10A Preamplifier

3 inputs; RCA inputs and outputs. Passive design with Acrotec 6N copper wiring for critical signal pathways. A/V compatible selector switch designed to eliminate electrical interference; attenuator; remote control. Alps RK-501 volume control optional\$2,295

AMC

CVT1030 Tube Preamplifier

Inputs for 6 line-level sources; 2 sets of outputs. Features Class A vacuum-tube input and output stage; headphone jack. Bass and treble controls; direct mode. Balanced-output mode optional\$599

AV81 A/V Preamplifier

4 audio and A/V inputs; buffered composite-video inputs. A/V recording\$499
AV81HT. As above, with Dolby Pro Logic decoder. Upgradable to THX. Front L/R, center-channel, 2 rear-channel, and subwoofer outputs. ± 1 -dB balance calibration circuit; switchable crossover at 80 Hz; proprietary sound fields\$749
AV81HT-THX. As AV81HT, THX certified with re-equalization and decorrelation circuits\$1,199

AMERICAN HYBRID TECHNOLOGY

AHT/P Phono Preamplifier

MC phono input; WBT RCA connectors. Features separate power supply with toroidal transformer; Vishay resistors with 0.05% tolerance; Teflon capacitors; direct coupling, with no capacitors in signal path; military-spec chips. Vishay load resistors\$2,500
 Above with dual-mono power supply, Teflon PC board, and lab-standard resistors\$5,500
AHT/H. Line-level version of AHT/P\$3,300

ARAGON

Aurum Preamplifier

6 Inputs; 2 tape outputs; 2 unbalanced RCA outputs; gold-plated balanced-XLR output. Features dual-mono design; power supply in separate chassis; matched transistors; balanced outputs time aligned to within 2 nanoseconds; direct output coupling; discrete Class A circuitry; shielded switches; Penny & Giles volume control; 5 gold-plated wipers for each channel; OFC circuit-board conductor and ground

plane. FR 20-20,000 Hz -0.1 dB; THD 0.03%; S/N 100 dB. 19 x 3 1/2 x 14 1/2 in; 32 lb\$1,799

Model 18K MkII Preamplifier

6 inputs; 2 line-level outputs; 2 tape outputs; gold-plated connectors. Features hand-crafted fully discrete Class A design; toroidal power supply in separate chassis; dual-mono DC supply rails; direct output coupling; single switch contact in signal path; gain stage without output capacitors; discrete-transistor regulation for each channel; military-spec glass-epoxy circuit board; OFC for signal path and ground plane; Teflon-dielectric wire between connectors and circuit board; matched signal-path transistors; epoxy-dipped military-spec RN60D resistors; silver switch contacts; Penny & Giles volume and balance controls. Separate listen and record switches. FR 20-20,000 Hz -0.1 dB; THD 0.04%; S/N 100 dB. 19 x 3 1/2 x 11 in; 24 lb\$1,399

Model 47K Phono Preamplifier

Features external dual-mono DC power supply; fully discrete Class A circuitry; epoxy-sealed resistors; matched transistors; 1% capacitors; dual-sided glass-epoxy circuit board; OFC board tracings. No front-panel switches or gain controls; no power switch; internal gain and load-impedance adjustments via gold-to-gold shoring bars. S/N 86 dB MM. 19 x 2 1/2 x 10 1/2 in; 18 lb\$595

ARBITER BY DYNAUDIO

Arbiter Preamplifier

Symmetrical inputs and outputs. Features separate power supply; lead-gel storage batteries; buffer capacitors; solid-copper bar conductors; preamp separation from mains when in battery mode; servo-driven shaft with 2 custom-made Penny & Giles stepped attenuators in each channel, one with logarithmic and one with linear characteristics. Program functions for 2 recorder inputs; phase-reverse switch; 9-step balance control; remote control with volume control\$75,000

ARCAM

Delta Black Box 500 Digital Preamplifier

7 digital inputs including AES/EBU balanced input; 2 digital record outputs; 2 gold-plated output pairs. Features Arcam-designed discrete bitstream D/A converter; volume control in digital domain. Sync Lock with Arcam CD transports; defeatable display; remote source selection; remote control. Sampling rates 32, 44.1, and 48 kHz\$1,500

AUDIO ADVANCEMENTS

PreMax Tube Preamplifier

4 inputs; 2 outputs. THD 0.01%; S/N 90 dB line; ch sep 80 dB. 17 1/2 x 4 1/4 x 13 1/4 in; 27 lb\$3,150
 With MM phono input. S/N 75 dB MM\$4,150
 With MC phono input. S/N 69 dB MC\$5,150

AUDIO ALCHEMY

DLC Preamplifier

Inputs for 4 line-level sources; 2 output pairs; expansion port. Features input routing via hermetically sealed gold-on-gold relays; Crystal Semiconductor voltage-controlled amplifier; Intel microprocessor; 5 power-supply regulators; 3 voltage-buffer stages; ex-

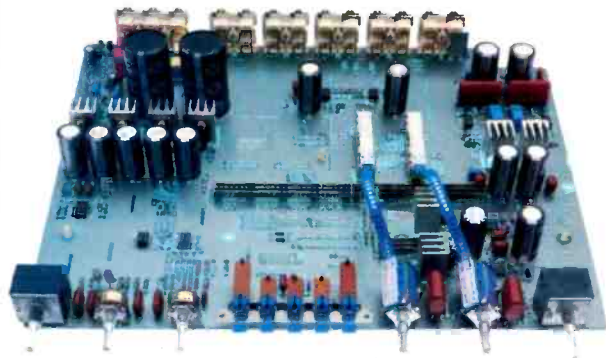
Adcom's GFP-565 Preamp: Pure and Simple.



In Search of Sonic Perfection, Adcom Took the Path of Least Resistance

The fewer circuits a musical signal encounters on its way to your loudspeaker system, the greater its musical purity will be. Now, through obsessive attention to detail and design ingenuity, Adcom has created the GFP-565 — the world's first affordable preamplifier with direct, linear gain path circuitry. By combining the GFP-565 with any of Adcom's power amplifiers, you can experience the exceptionally lifelike sound which has astonished even the most demanding critics.

From Input to Output,
the Signal Path is
as Direct, Pure and
Simple as Possible



By gold plating all input and output jacks, and then directly mounting all jacks, switches, potentiometers and other laboratory grade components on a double copper-plated, glass epoxy printed circuit board, signal losses and noise are dramatically reduced.

Three Sets of Outputs for the Perfect Balance of Performance and Flexibility

You can use one or more sets of outputs: 1) BYPASS - direct-coupled before tone controls, filters, etc. for the most direct path to your power amplifier while retaining control of volume and balance. 2) LAB - direct-coupled with no output-coupling capacitors yet with tone, filter and loudness controls. 3) NORMAL - same as LAB but with highest quality output capacitors for use with amplifiers needing the extra protection of ultra-low-frequency roll-off.

Bi-amped and tri-amped systems are easily accommodated by this flexible arrangement.

Pure Convenience

The minimalist aesthetics of the GFP-565 are deceptive in their simplicity. Without being overly complicated to use, this preamplifier is able to integrate and control all of the components in the most sophisticated of music systems. There are five high-level inputs as well as a phono input. A separate front-panel switch allows the use of an external processor, only when needed, leaving both tape circuits free. And, of course, you may listen to one input while recording from another.

More Sound, Less Money

Adcom stereo components have a reputation for sounding superior to others costing two and three times more. Keeping faith with this tradition, Adcom took the path of least resistance. Why not do the same? Ask your authorized Adcom dealer for a demonstration of this remarkable stereo preamplifier. Please write or call for a fully detailed brochure. You'll discover the best value in high performance preamplifiers.

Pure and simple.

ADCOM[®]
details you can hear

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ternal power supply. Attenuation/gain variable from -96 to +31.5 dB; volume-memory for continuous output level during switching among sources; remote volume, balance, input-select, and mute controls; LED source-select, mute, and L/R attenuation/gain indicators; remote control. FR 5-200,000 Hz ± 0.2 dB; S/N 105 dB. 5-yr transferable parts-and-labor warranty. 8 1/2 x 7 1/2 x 2 1/4 in. 4 lb\$495

VITB Phono Preamplifier

MM/MC phono input; line-level output. Features differential FET input operated with zero feedback; Analog Devices op-amp; DC offset controlled by servo; individual power-supply-regulator stages for left and right channels; polystyrene, metalized-polypropylene, and electrolytic capacitors; external power supply. Selectable 40-, 50-, or 60-dB gain; selectable 47,000-ohm, 10,000-ohm, 100-ohm, or custom loading resistance; selectable 100-pF, 270-pF, or custom loading capacitance; jumper selection of resistance, capacitance, and gain. Upgraded power supply optional. THD 0.1%; S/N 90 dB. 5-yr parts-and-labor warranty. 5 1/2 x 4 x 1 1/2 in\$259

AUDIO BY VAN ALSTINE

FET-Valve EC Tube Preamplifier

Phono inputs; 7 line-level inputs; 2 tape loops; signal-processor loop; headphone jack. Features hybrid vacuum-tube/MOSFET design; voltage- and current-overload protection; toroidal transformer; regulated power supplies. Bass, treble, and balance controls. Black anodized faceplate. 17 x 3 3/4 x 13 in. . .\$1,145

Super Pas 4i Tube Preamplifier

Phono inputs; 5 line-level inputs; 2 tape loops; headphone jack. Features straight-line vacuum-tube voltage-gain circuits followed by solid-state current drivers; toroidal transformers; regulated power supplies; ceramic selector switch. Balance control. Black anodized faceplate. 12 x 3 1/2 x 9 in\$695
Kit version of the above\$545

Omega III SL Preamplifier

Phono inputs; 5 line-level inputs; 2 tape loops; headphone jack. Features regulated power supplies; ceramic selector switch. Balance control. Black anodized faceplate. 12 x 3 1/2 x 9 in\$485

AUDIO DESIGN ASSOCIATES

Olympus III Digital A/V Preamplifier

Inputs for 3 analog sources; fiber-optic digital input; digital AC-3 input; 3 composite-video inputs; video output; 6 audio outputs; fiber-optic digital output. Features 15 electron vacuum preamplification tubes and 6 phosphorescent electron vacuum display tubes; proprietary D/A converter; separate potentiometer volume controls for each channel; 6 tracking attenuators for master-volume control. Dolby Pro Logic, digital Dolby Surround AC-3 modes, stereo bypass, quad bypass, and other modes; A/V switching. 24-karat gold-plated hand-polished solid-brass construction\$29,000

Olympus I Tube Preamplifier

Designed for use with outboard power supply. Features 3 matched vacuum tubes; 24-karat gold-plated hand-polished solid-brass component construction. Volume and loudness controls\$5,000

Olympus II. Passive input selector for above. Inputs for 4 sources; 1 tape output; 1 main output. Features 24-karat gold-plated hand-polished solid-brass component construction\$1,200

SSD-66 Digital A/V Preamplifier

Inputs for 4 analog sources; 4 composite-video inputs; 6-channel audio output; 3 coaxial digital inputs; 1 fiber-optic digital input; 1 composite-video output; programmable AUX-device trigger output. Requires RFD-1 for Dolby Surround AC-3 processing. Dolby Pro Logic mode; 16 programmable modes with auto switching for each input; source input balancing; programmable mode names; customizable acoustic settings per mode. 19 x 1 3/4 x 16 in\$3,999
RFD-1. Digital Dolby Surround AC-3 demodulator for above. 19 x 1 3/4 x 16 in\$999

Delta 3 A/V Preamplifier

8 A/V sources; 3 audio/composite-video outputs; variable and fixed audio outputs for each zone; loop input for each zone; main 12-V DC output; 12-V DC output for each zone. Designed for 3-zone multiroom system. Features discrete source-selection and preamplifier stages. Same- or independent-source selection for all zones; labeling of all inputs and outputs; 12-character alphanumeric LED display; volume, bass, treble, balance, loudness, and stereo-enhancement controls for each zone with presets for each zone\$2,099

DSP-8 Preamplifier

5 balanced inputs; 3 balanced tape loops; signal-processor loop; digital source switching input; 2 outputs; 8 source-pulse outputs; switched AC outlet. Balance, bass, midrange, treble, and tape-monitor controls. FR 5-30,000 Hz ± 3 dB; THD 0.05%; S/N 90 dB. 3 1/2 x 19 x 11 1/4 in; 8 lb\$1,599

ADP-8 Preamplifier

5 inputs; 3 tape loops; signal-processor loop; 2 outputs; switched AC outlet. Balance, bass, midrange, and treble controls. FR 20-20,000 Hz ± 0.25 dB; THD 0.05%; S/N 85 dB. 3 1/2 x 19 x 11 1/4 in; 8 lb\$1,259

AUDIO INNOVATIONS

P2MC Tube Phono Preamplifier

1 input; 1 line-level output. For MC cartridges. Volume control\$1,600

P2MM Tube Phono Preamplifier

1 input; 1 line-level output. For MM cartridges. Volume control\$1,300
P2. Converts above to P2MC\$450

L2 Tube Preamplifier

4 line-level inputs; tape loop; 2 main outputs; buffered tape output. Features ground-isolation switch. Switchable output level\$1,100

L1 Tube Preamplifier

3 line-level inputs; main output. Features ground-isolation switch. Switchable output gain\$550

P1 Tube Phono Preamplifier

1 input; 1 line-level output. For MM cartridges. . .\$550

AUDIOLAB

Model 8000Q Preamplifier

Features microprocessor-controlled feedback loop; DC coupling. Switchable gain; auto muting; remote control. FR 10-20,000 Hz ± 0.2 dB; THD 0.007%; S/N 97 dB. 17 1/2 x 3 x 13 in; 15 lb\$1,495

Model 8000PPA Phono Preamplifier

MM/MC input. Features microprocessor-controlled DC servo feedback system; dynamic subsonic filter. FR 10-20,000 Hz ± 0.2 dB. 17 1/2 x 3 x 13 in; 13 lb\$1,295

Model 8000C MkII Preamplifier

MM and MC phono inputs; 2 tape loops; headphone jack. Features Class A operation; current mirror bias. Separate listen and record selectors; defeatable phase-compensated tone controls; mute switch. FR 20-20,000 Hz ± 0.5 dB; THD 0.01%; S/N 81 dB MM, 77 dB MC, 92 dB line. 17 1/2 x 3 x 13 in; 15 lb\$750

AUDIO NOTE

M7 Tube Preamplifier

Tape loop; 2 main outputs. Features 5687 line tubes; two 6072A phono-stage tubes; pure-silver hand wiring. 8 7/8 x 6 1/4 x 15 1/2 in\$19,700
M7-Line. As above, without 6072A tubes. 6 1/2 x 6 1/4 x 15 1/2 in\$9,900
M7/S. As M7, with hand-made silver-foil signal capacitors\$25,400
M7-Line/S. As M7-Line, with hand-made silver-foil signal capacitors\$12,600
M7-Phono. As M7/S, phono stage only\$26,300

M3-Phono Tube Preamplifier

Features copper chassis; mono power supplies with valve rectification; Black Gate electrolytics; power-supply chokes; tube regulation; copper-foil capacitors; pure-silver hook-up wire. 17 1/2 x 5 1/4 x 17 1/2 in; 30 lb\$6,895
M3-Line. As above, without phono stage\$5,995

M1-Phono Tube Preamplifier

MC phono input; 4 line-level inputs; 2 main outputs. ECC83 and ECC82 line and driver tubes; four ECC83 phono-stage tubes. 11 1/2 x 5 1/4 x 17 1/2 in\$1,495
M1-Line. As above, without phono stage\$1,095
M2-Phono. As M1-Phono, with 6SL7 driver tubes, four 7025 phono-stage tubes, choke and tube rectifiers, paper-in-oil signal capacitors, and Black Gate electrolytics. No ECC82 tubes\$3,195
M2-Line. As M2-Phono, no phono stage\$1,995

AUDIO RESEARCH

LS5 MkII Tube Preamplifier

6 sets of XLR inputs; 3 sets of XLR outputs. Features four 6DJ8/6922 and six 12BH7 vacuum tubes; FET regulated power supply; fully differential cross-coupled topology; electronic switching; toroidal transformer; coaxial capacitors; proprietary decoupling capacitor circuits. Switchable gain settings. FR 1-100,000 Hz ± 0.5 dB. 3-yr warranty. 19 x 5 1/4 x 11 1/4 in; 19 lb\$4,995

LS2B MkII Tube Preamplifier

Switch-defeatable tape outputs; inputs for 6 line-level sources; unbalanced RCA outputs; 2 balanced-XLR output pairs; balanced-XLR inputs. Features hybrid tube/solid-state design with 6922 dual triode; four-section 41-detent attenuator; four-section gold-contact input-selector switch; Class A design; regulated power supplies; second transformer for active feedback circuit; coaxial capacitors. Manual and auto muting. FR 1-100,000 Hz ± 0.5 dB. 3-yr warranty. 19 x 5 1/4 x 10 1/4 in; 13 lb\$2,995
LS2 MkII. As above, no balanced inputs\$2,650

SP9 MkIII Tube Preamplifier

Line-level and phono inputs. Features hybrid tube/solid-state design with two 6922 dual triodes; regulated power supplies; shielded toroidal transformer. FR 30-40,000 Hz phono, 5-50,000 Hz ± 0.5 dB line. 19 x 5 1/4 x 10 1/4 in; 12 lb\$2,495

PH2 Phono Preamplifier

Balanced inputs and outputs. Features regulated power supplies; shielded toroidal transformer. Mute switch. 19 x 5 1/4 x 11 1/4 in; 13 lb\$2,495

LS3B Preamplifier

2 unbalanced output pairs; balanced-XLR outputs. Features DC-coupled inputs; regulated power supply; aircraft-grade toggle switches. Gain, balance, mono/stereo, and source-select controls; mute switch. FR 2-100,000 Hz ± 0.5 dB. 3-yr warranty. 19 x 5 1/4 x 10 1/4 in; 11 lb\$1,995
LS3. As above, without balanced outputs\$1,695

LS7 Tube Preamplifier

5 line-level inputs. Features hybrid tube/solid-state design with four 6922/E88cc dual triodes; regulated power supplies. Gain control; mute switch. FR 1-100,000 Hz ± 0.5 dB. 19 x 5 1/4 x 10 1/4 in; 9.8 lb\$1,495

PH3 Tube Phono Preamplifier

MM/MC input; gold-plated RCA inputs and outputs. Features hybrid tube/solid-state design with three 6922/E88cc dual triodes; regulated power supply. Mute switch. 19 x 5 1/4 x 10 1/4 in; 9.4 lb\$1,495

AUDIOSOURCE

PRE One Preamplifier

6 inputs; 2 main output pairs; MC phono input. Features digital input switching; FET inputs. Bass, midrange, and treble controls; bass-EQ circuitry; tape-dubbing capability; subsonic filter. S/N 85 dB MM, 70 dB MC, 100 dB line. 16 1/2 x 2 1/2 x 11 1/2 in; 8 lb\$250

AUDIO SYNTHESIS

Passion V Preamplifier

Line-level inputs; balanced inputs and outputs; tape loop. Features dual-mono design; 31-step attenuators. FR 1-200,000 Hz; THD 0.0002%\$1,795

Passion Preamplifier

Line-level inputs; tape loop. FR 1-200,000 Hz; THD 0.0002%\$1,095

Pro Passion. As above, no tape loop\$950

AUDIURE

Andante Preamplifier

5 line-level inputs; separate MM and MC phono inputs; 2 tape loops; 2 line-level output pairs; 4 switched and 4 unswitched AC outlets. Features dual-mono design with separate circuit boards, controls, and regulated power supplies for each channel; Class A circuitry in push-pull topology; direct coupling for all stages; dual matched FET's for input stages. Bass, treble, volume, and source-select controls for each channel; tone defeat/bypass\$1,903

Diffet 3 Preamplifier

5 line-level inputs; MC phono input; 2 tape loops; 2 line-level output pairs. Features differential FETs in input stages; DC coupling; no capacitors in signal path; regulated power supply. FR 5-100,000 Hz -0.25 dB; S/N 86 dBA phono, 94 dB line. 19 x 2 1/4 x 7 1/2 in\$1,147

Without MC stage\$1,000

Legato Preamplifier

5 line-level inputs; MM phono input; 2 tape loops; 2 line-level output pairs. Features polypropylene and polystyrene capacitors; metal-film resistors; regulated power supply; DC-coupled stages; no capacitors in signal path; no internal wiring. FR 5-100,000 Hz -0.25 dB line; S/N 75 dBA phono, 90 dB line. 19 x 2 1/4 x 7 1/2 in\$587

AYRE

K-3 Preamplifier

6 inputs; 3 outputs; RCA and XLR inputs and outputs. Features inductor-input power-supply filter; fully balanced all-FET circuitry; no negative feedback; stepped attenuator. Phono stage or remote control optional\$3,250

B&K COMPONENTS

AVP3000 A/V Preamplifier

4 composite-video and 3 S-video inputs; 7 line-level inputs; 4 composite-video and 3 S-video outputs; 5 line-level outputs; balanced outputs. Can provide independent audio and video control in each of 2 zones in multiroom system. Multiple surround modes for one zone including Dolby Pro Logic and THX; Dolby Surround AC-3 upgradable; 8 user presets. FR 1-150,000 Hz ±3 dB; THD 0.02%; S/N 89 dB. 17 x 3 1/2 x 11 in; 16 lb\$1,998

AVP2000. As above, without THX\$998

AVP1000 A/V Preamplifier/Tuner

4 composite-video inputs; 6 line-level inputs; 4 composite-video outputs; 3 line-level outputs; balanced outputs. Multiple surround modes including Dolby Pro Logic; 8 user presets; 16 AM/16 FM presets; custom naming for memories, functions, and inputs; programmable remote control. FR 20-150,000 Hz ±3 dB; THD 0.02%; S/N 89 dB. FM: 50-dB quieting sens 20 dB; AM rej 55 dB; cap ratio 2 dB; alt-ch sel 55 dB; S/N 70 dB. 17 x 3 1/2 x 11 in; 16 lb\$998

PRO10MC Preamplifier

5 line-level inputs; selectable MM/MC input; tape loop; 2 line-level output pairs; balanced outputs; headphone jack. Features discrete DC-coupled design with Class A circuit topology; external power supply. Loading pins for varying phono-input resistance/capacitance; separate record selector; balance control. FR 1-150,000 Hz ±1 dB; THD 0.02%; S/N 82 dBA MM, 70 dBA MC, 89 dBA line. 17 x 3 1/2 x 11 in; 22 lb\$898

BEL CANTO DESIGN

Tosca Preamplifier

2 balanced-XLR and 3 RCA outputs including one buffered RCA tape output. Features Class A single-ended FET operation; JFET differential gain stage with power MOS devices; laser-trimmed potentiometer volume control. S/N 95 dBA. 5-yr parts-and-labor warranty. 17 x 2 1/2 x 1 1/2 in; 11.6 lb\$1,590

Fidelio Phono Preamplifier

2 balanced-XLR inputs and outputs; 2 unbalanced RCA outputs. Features Class A FET operation. Adjustable cartridge gain. 5-yr parts-and-labor warranty. 17 1/4 x 2 1/2 x 1 1/2 in; 11.6 lb\$1,290

BENZ MICRO

Lukaschek PP-1 Phono Preamplifier

2 MC RCA inputs; 2 line-level RCA outputs; ground terminal. Features 2 transistors in each amplifier stage; double-sided glass-epoxy circuit board; matched bipolar transistors; 1% metal-film resistors; tantalum and 1%-polystyrene capacitors; 10-Hz subsonic filter between input stage and RIAA EQ. Turn-on mute; LED indicator. S/N 82 dBA\$1,350

BOULDER

L5AE Preamplifier

Two balanced and 6 unbalanced inputs; balanced and unbalanced outputs. Features ten 990 gain stages, each hand built from 69 discrete components. FR 20-20,000 Hz -0.05 dB; THD 0.005% at 20,000 Hz. 17 x 4 1/4 x 15 1/2 in; 12 lb\$3,750

L5M. As above, metal finish\$4,200

L3AE Preamplifier

Balanced and unbalanced outputs. Features 990 gain stage in audio path hand built from 69 discrete parts. MM or MC phono stage optional. FR 20-20,000 Hz -0.05 dB; THD 0.005% at 20,000 Hz\$2,125

BRYSTON

The following models feature a 20-year parts-and-labor warranty.

BP-25MC Preamplifier

2 balanced inputs; 5 unbalanced inputs; 2 unbalanced outputs; balanced output; tape and processor loops; MC phono input. Remote control with phase, volume, and mute controls. FR 20-20,000 Hz; THD 0.0025%. 19 x 1 3/4 x 11 in\$2,995

BP-25. As above, no phono stage\$1,995

BP-20. As BP-25, without remote phase, volume, or mute controls\$1,495

BP-1. MM phono stage for BP-20. Balanced and unbalanced outputs\$695

BP-5 Preamplifier

Phono input; 3 line-level inputs; balanced output; tape and processor loops. Features 2-stage phono section; no internal wiring with components plugging directly into boards; volume control laser-trimmed to 0.25 dB accuracy. FR 22-20,000 Hz; THD 0.005%; S/N 80 dBA phono, 95 dBA line. 19 x 1 1/4 x 8 in\$995

BP-4. As above, without phono stage\$895

.4B. As BP-4, without balanced output\$795

TF-1 Phono Preamplifier

MC phono input. FR 5-30,000 Hz ±0.5 dB; S/N 85 dB MC. 2 x 3 x 4 in\$750

BP-6 Phono Preamplifier

MM/MC phono input; balanced outputs. Polarity Inverter. S/N 80 dB MM\$650

CALRAD

Model 80-575 Preamplifier

1 input; 1 output. Can be factory configured as line-level preamp, mic preamp, phono preamp, or headphone amp. Features factory-adjusted input impedance and output impedance. Available in chassis form or completed-circuit-board form with labeled

black faceplate. Includes DC power adaptor. FR 20-20,000 Hz ±3 dB\$98

CARVER

CT-29v A/V Preamplifier/Tuner

7 audio inputs; 3 composite/S-video inputs and outputs; subwoofer output; signal-processor loop; coaxial CATV FM input. Features DSP for surround modes; Dolby Pro Logic, Movie Surround, two Hall, and Matrix Surround modes; Vocal Zoom circuitry for dialog enhancement; auto surround-setting recall for each video source; 30 AM/FM presets; removable rack handles; on-screen displays; programmable remote control. Multiroom kit optional. FR 20-20,000 Hz ±0.5 dB; S/N 78 dBA phono. FM: 50-dB quieting sens 39.2 dB stereo; AM rej 55 dB; cap ratio 1.5 dB; alt-ch sel 60 dB; S/N 68 dB stereo; THD 0.5% stereo at 1,000 Hz. 17 x 4 1/2 x 15 in; 12 lb\$1,299

C-27v. As above, without multiroom capability or on-screen displays. 1 S-video input; 1 S-video output. Preprogrammed remote control\$899

C15v A/V Preamplifier

8 audio inputs including phono; 3 composite-video inputs and outputs; 1 S-video input and output; subwoofer output; signal-processor loop. Features DSP for surround modes; motor-driven master volume control. Dolby Pro Logic mode; Vocal Zoom dialog-enhancement circuitry; adjustable delay times; auto input balance; removable rack handles. Multiroom kit optional. FR 20-20,000 Hz ±0.5 dB; S/N 78 dB phono. 17 x 4 1/2 x 15 in; 11 lb\$849

CT-3 A/V Preamplifier/Tuner

6 audio inputs; 3 composite-video inputs; coaxial CATV FM input. Features digital-synthesis tuner; Sonic Holography image-enhancing circuitry. 30 AM/FM presets; sleep timer; remote control. FR 20-20,000 Hz ±0.5 dB; S/N 75 dBA phono. FM: 50-dB quieting sens 39.2 dB stereo; AM rej 62 dB; cap ratio 2.2 dB; alt-ch sel 60 dB; S/N 68 dB stereo; THD 0.5% at 1,000 Hz stereo. 19 x 5 1/4 x 15 1/2 in; 11 lb\$500

CARVER RESEARCH

Lightstar Direct Preamplifier

3 balanced and 3 unbalanced inputs; balanced and unbalanced outputs. Computer-controlled stepped attenuator for volume and balance control. Remote controlled. FR 0-100,000 Hz -0.5 dB balanced; ch sep 110 dB. 19 x 4 1/4 x 15 1/2 in; 16 lb\$1,995

CARY AUDIO DESIGN

SLP-94 Tube Preamplifier

MM phono input; gold-plated inputs and outputs with Teflon inserts. Features pure Class A triode circuitry; 200% duty cycle on all transformers enclosed in separate power supply; hand wiring with EE Teflon silver wire; two 6CA4 rectifier tubes; two 12AU7 buffer cathode follower tubes; two 12AU7 line-stage tubes; two 12AX7 phono-section tubes; 1% metal-film resistors; polystyrene and polypropylene capacitors. S/N 88 dB. Preamplifier 12 1/2 x 5 x 12 in; 22 lb. Power supply 4 1/2 x 3 x 6 in\$2,495

SLP-90LB. As above, without phono stage. Balanced outputs\$2,295

SLP-90L. As SLP-90LB but without balanced outputs\$2,095

SLP-74 Tube Preamplifier

4 line-level inputs; 2 outputs; tape loop. Features single-ended pure Class A circuitry; transformer with 200% duty cycle; polypropylene capacitors; 1% metal-film resistors; two 12AU7 input and gain tubes; two 12AT7 output-buffer tubes. FR 9-260,000 Hz ±0.5 dB. Black epoxy coated aluminum chassis; black anodized faceplate. 17 x 3 x 10 in; 15 lb\$1,495

Plug-in phono board for above\$399

PH-301 Tube Phono Preamplifier

MM/MC phono input. Two 12AU7 tubes in MM stage, two 12AX7's in MC stage; EI-laminate transformer with 200% duty cycle; 1% metal-film resistors; oil-filled coupling capacitors; direct-coupled single-end-

ed Class A circuitry. Adjustable input impedance. 24-karat gold-plated faceplate and knobs optional. S/N 72 dB. Black anodized faceplate; chrome-plated stainless-steel chassis. 7½ x 3 x 13 in; 16 lb \$1,495

LPP-1 Tube Phono Preamplifier

MM/MC input; RCA connectors. Must be powered through connection to SLI-30 integrated amplifier or CAD-75-1 integrated amplifier. Features two 12AX7 dual triode tubes. 7¼ x 3 x 4 in; 4 lb \$399
Power supply to allow above's use with other manufacturer's products \$249

CELLO

Encore Line Anniversary Edition Preamplifier

1 balanced-Fischer and 4 unbalanced-RCA inputs; 1 balanced-Fischer and 2 unbalanced-RCA outputs; 2 unbalanced-RCA record outputs. Features external power supply; two power-supply regulators. Tape-monitor, L/R-gain, and output-level controls. Gold-front phono module optional. FR 20-20,000 Hz ±0.25 dB; THD 0.01%. Gold-plated front panel and knobs; gold-front power supply. Preamp 19 x 4 x 14 in; 14 lb. Power supply 8½ x 3½ x 13 in; 8.5 lb \$10,000
Encore Line Standard Edition. As above, without gold-front phono module option, gold-plated front panel and knobs, or gold-front power supply \$8,500
MM/MC phono module for either of the above \$2,000

Palette Preamplifier

5 line-level inputs; 2 tape outputs; 1 balanced and 2 unbalanced outputs. Features external power supply, 6 tone controls. MM/MC phono stage optional. THD 0.005%; S/N 80 dB. Preamplifier 19 x 7¾ x 13 in; 21 lb. Power supply 6 x 3½ x 12 in; 8 lb \$7,500
Phono module \$2,000

Audio Suite

Audio Suite is a modular system built around an open-architecture mainframe that accepts up to 10 slide-in vertical modules. It can be configured to control multiroom and multimedia systems.

P301. Premium output	..... \$4,000
P101. MC phono input	..... \$3,800
Master Power Supply	..... \$3,000
P201. Premium input	..... \$3,000
P100HG. High-gain MM phono input	..... \$2,775
Mainframe Chassis. 19 x 9 x 13 in	..... \$2,500
P100. MM phono input	..... \$2,500
B301. Basic output	..... \$2,000
P200. Input	..... \$1,850
B100MM. Basic phono input	..... \$1,700
B100MC. Basic phono input	..... \$1,700
B200. Basic RCA line-level input	..... \$1,000

CHASE TECHNOLOGIES

RLC-1 Preamplifier

4 line-level inputs; tape loop. Bass, treble, balance, and mute controls; auto loudness. THD 0.05%; S/N 105 dB \$150

CHIRO BY KINERGETICS

C-800 A/V Preamplifier/Tuner

8 inputs/outputs; 5 video inputs/outputs. Upgradable for Dolby Surround AC-3. Dual-zone and multisource capabilities; Dolby Pro Logic and THX surround modes; auto microphone calibration; S-video switching; on-screen displays; 19 remote control \$2,198

CITATION

Model 7.0 A/V Preamplifier

8 A/v inputs including 4 S-video inputs; two record busses with main and AUX video outputs; Dual Drive dipole outputs; stereo subwoofer outputs; infrared-remote input; RS-485 port; programmable full-range surround outputs; 3 trigger outputs for remote device control. 12 surround modes including Jim Fosgate's 6-Axis matrix, Dolby Pro Logic, THX Home Cinema, and 70-mm cinema modes; active crossover; auto system calibration; on-screen displays and interface;

illuminated remote control. 5-yr warranty. 17¼ x 5¼ x 15 in; 20 lb \$3,550

Model 5.0 A/V Preamplifier

6 A/v inputs including 2 S-video inputs; two record busses; Dual Drive dipole outputs; 2 trigger outputs for AUX device control; infrared-remote input; RS-485 port. Jim Fosgate's 6-Axis Matrix and Dolby Pro Logic modes; active crossover; on-screen displays and interface. 5-yr warranty. 17¼ x 3½ x 14 in; 16 lb \$1,500

CLASSE AUDIO

The following are available with a satin-black or soft-shadow-silver finish.

CP-60 Preamplifier

2 balanced inputs; 4 unbalanced inputs; balanced and unbalanced outputs. Features separate power supply. Remote control. MM/MC phono inputs optional. FR 20-20,000 Hz ±0.1 dB; S/N 100 dB. 19 x 14½ x 3¼ in; 35 lb \$3,495

CP-50. As above, but in single chassis. 25 lb \$2,495

CP-40 Preamplifier

MM/MC phono input; 4 line-level inputs; balanced input; balanced output; unbalanced output. Remote control for volume and mute. FR 20-20,000 Hz ±0.1 dB; S/N 85 dB phono, 95 dB line. 19 x 10¼ x 2½ in; 15 lb \$1,495

CP-35. As above, no phono input, 5 line-level inputs \$1,095

CODA

FET-01 Preamplifier

Phono and line-level inputs; balanced and unbalanced outputs. Features all-FET voltage gain; bipolar current gain; no overall feedback; DC-coupled design; regulated power supply with EMI and RFI filters and toroidal transformer; double-sided gold-plated circuit boards; anodized chassis. Separate listen and record selectors. 10-yr warranty. 19 x 1¼ x 9¼ in \$2,850
FET-02. Above without phono stage \$1,950

CONRAD-JOHNSON

Premier Fourteen Tube Preamplifier

Line-level inputs. Features all-tube zero-feedback audio circuitry; separate discrete regulated solid-state power supplies for each channel; regulated filament supply; polypropylene and polystyrene capacitors; laser-trimmed metal-foil resistors. Level and balance control in 1-dB steps; remote control. FR 2-100,000 Hz; THD 1% at 1-V output. 19 x 15¼ x 3¼ in \$3,995

PFR Preamplifier

7 line-level inputs including two tape/processor loops. Features zero-feedback audio circuitry with FET; discrete regulated power supply; polypropylene and polystyrene capacitors; metal-film resistors. Remote control. FR 2-100,000 Hz; THD 0.1%. 19 x 14¾ x 3¾ in; 15 lb \$2,395

PV12 Tube Preamplifier

Phono and line-level inputs; 2 tape loops. Features cathode-follower outputs and solid-state voltage regulator designed for minimal AC impedance; regulated-filament power supplies; audio circuits with 1% tolerance; military-spec deposited tin-oxide resistors; polystyrene capacitors. Auto turn-on/off mute. FR 2-100,000 Hz; THD 0.5%. 19 x 14¾ x 3¾ in; 15 lb \$2,395
PV12L. Above without phono stage \$1,795

EF1 Phono Preamplifier

Differential input. All-FET zero-feedback audio circuitry with passive RIAA equalization; discrete regulated power supplies; polypropylene and polystyrene capacitors; metal-film resistors. Selectable gain of 40, 46, or 52 dB. 19 x 3¾ x 14¾ in; 14 lb \$1,795

PF2 Preamplifier

Phono and line-level inputs; 2 tape loops. Features all-FET design with zero-feedback distortion-canceling circuitry; polypropylene and polystyrene capaci-

tors; metal-film resistors. FR 2-100,000 Hz; THD 0.1%. 19 x 3¾ x 14¾ in; 15 lb \$1,795
PF2L. Above without phono stage \$1,395

PV10A Tube Preamplifier

5 line-level inputs; phono input; tape loop. Features zero-feedback circuitry in phono and line stages; 5 vacuum tubes; discrete regulated power supply with polypropylene and polystyrene capacitors. THD 0.1%. 16 x 3¼ x 11 in \$1,195
PV10AL. Above without phono stage \$995

CONTINUUM

Continuum Audio Window Preamplifier

5 inputs including balanced and mono; separate tape-monitor and processor loops. Features regulated power supply with 14,000-µF capacitance and AC, EMI, and RFI line filtering; FET input with bipolar current gain; double-sided glass-epoxy circuit boards; dual-function optical level control; remote control. FR 5-200,000 Hz -3 dB; THD 0.01%; S/N 100 dBA. 5-yr limited warranty. 17 x 2¼ x 10 in \$1,450

COUNTERPOINT

Balanced outputs for SA-5000a, SA-3000a, SA-2000a, or Solid 8a are available for \$250.

SA-5000a Preamplifier

MM and MC phono inputs; line-level inputs. Hybrid design with tube power supply, FET's, and bipolar transistors. FR 2-300,000 Hz; distortion 0.5%; S/N 90 dB phono, 92 dB line. 19 x 4½ x 12¼ in \$3,995
SA-3000a. As above, distortion 0.0075% \$2,195
SA-2000a. As SA-3000a, with one additional line-level input. No phono inputs. Distortion 0.5%; S/N 92 dB \$1,695
SA-1000a. As SA-3000a, FR 2-170,000 Hz, distortion 0.06%, S/N 83 dB \$1,195

Solid 8a Preamplifier

Inputs/outputs for 8 line-level sources; two tape-monitor loops. Features solid-state design; fully complementary circuitry; direct coupling. Tape-to-tape dubbing. FR 1-120,000 Hz; S/N 95 dB. 19 x 2¼ x 10½ in \$1,195

CREEK

P42 Preamplifier

4 line-level inputs; 2 tape loops; 3 outputs, 2 passive outputs; 1 output with switchable 6-, 9-, or 12-dB gain. Separate listen and record facilities. Output-stage plugs for bi- or triamplification or bridged-mono board optional. FR 0-35,000 Hz -1 dB; THD 0.01% from 20-20,000 Hz; S/N 105 dB for 600-mV output; ch sep 80 dB at 1,000 Hz \$595

OBH-9 Phono Preamplifier

MC input. Features single-ended Class A gain stage; all passive equalization; zero feedback; power supply in separate molded plug; upgradable power supply. FR 20-20,000 Hz ±0.25 dB; THD 0.01%; S/N 79 dB. 4 x 4 x 2½ in \$244
OBH-8. As above, MM input. S/N 85 dB \$199

DB SYSTEMS

Some of these models are upgradable. Contact the manufacturer for details.

DB-1B Preamplifier

4 line-level inputs; phono input; 2 buffered tape outputs; 2 main outputs; gold-plated connectors. Features cascode amplifiers; diode input protection; volume control with ±1-dB tracking over 70-dB range. Switchable high-pass filter at 20 or 36 Hz; switchable low-pass filter at 5,000 or 10,000 Hz; balance and tape-monitor controls. Includes DB-2A power supply. FR 20-20,000 Hz ±0.04 dB phono, 10-20,000 Hz -0.25 dB line; THD 0.0008% from 20-20,000 Hz. Solid-oak cabinet. 5-yr warranty \$740
DB-1A. As above, but without gold-plated connectors or oak cabinet. Volume control without ±1-dB tracking \$535

Let Us Entertain You!

DB-1B-HL Preamplifier

5 line-level inputs; gold-plated connectors. Balance control; loudness switch. Includes DB-2A power supply. FR 10-50,000 Hz ± 0.1 dB. Oak cabinet\$580

DB-1A-HL. As above, gold-plated connectors, loudness switch, or oak cabinet optional\$415

DB-4B Phono Preamplifier

MC input; gold-plated connectors. Powered via DB Systems preamp, crossover, EQ, or not-included DB-2A power supply. Features cascade amplifiers; diode input protection. Switchable gain. FR 10-100,000 Hz -0.1 dB; THD 0.0008% from 20-1,000 Hz. 5-yr warranty. $6\frac{1}{4} \times 4\frac{1}{2} \times 2\frac{1}{4}$ in\$205
With DB-2A power supply\$315

DB-8 Phono Preamplifier

MM phono input; gold-plated connectors. Features separate wall-mount DC supply. THD 0.005% from 20-20,000 Hz; FR 20-20,000 Hz ± 0.04 dB. $6\frac{1}{4} \times 4\frac{1}{2} \times 2\frac{1}{4}$ in\$150

DB-8HG. As above, MC phono input. THD 0.01% from 20-20,000 Hz\$175

DENNESEN

JC80 MkII Mono Preamplifier

MM/MC/line-level input. Features external power supply; polarity inversion with input-imp adjustment. Balanced output optional\$6,500

JS90. As above, no phono stage\$3,200

DENON

AVP-8000 Digital A/V Preamplifier/Tuner

AC-3 RF input; 9 analog and 4 digital audio inputs; 6 line-level outputs; 4 audio record outputs; digital audio-record output; A/V output for multiroom installations; 6 S-video and 6 composite-video inputs; 4 S-video and 5 composite-video outputs. Features THX certification. Dolby AC-3, THX 5.1, Dolby Pro Logic, and THX 4.0 surround modes with 8 additional DSP surround modes; RDS reception/text display; 32 tuner presets; icon-based on-screen displays with RDS information; programmable remote control. $17\frac{1}{4} \times 6\frac{1}{2} \times 15\frac{1}{2}$ in\$3,500

AVP-5000BK Digital A/V Preamplifier

11 audio inputs; 8 audio outputs; line-level outputs for front, center, and rear channels; mono subwoofer output; 4 fiber-optic and 2 coaxial digital inputs; 1 fiber-optic digital output; 6 composite- and 6 S-video inputs; 3 composite- and 3 S-video outputs; 2 composite-video and 2 S-video video-monitor outputs; Hi-Vision input for 4-channel HDTV sound; 2 remote turn-on/off jacks for Denon power amps; gold-plated RCA connectors. Features dual DSP's for Dolby Pro Logic, EQ, room-simulation, and dynamics control; separate power transformers for audio and video circuits. User adjustments for filter and matrix settings; adjustable Theater and Live-Room simulations; switchable video-circuitry defeat; on-screen displays; programmable remote control with LCD\$2,500

PRA-S10 Preamplifier

Balanced and unbalanced connectors; remote turn-on/off output for amplifier; headphone jack. Features aluminum sand-cast frame; inverted Sigma balance circuit for 16.5-dB gain in single amplifier stage; UHC-mos transistors for power supply. System remote control\$1,100

PRA-1500 A/V Preamplifier

MM/MC phono input; video inputs and outputs; balanced-XLR outputs; mono, wideband, and Super Bass outputs for subwoofers. Source-direct mode; variable loudness; remote turn-on/off of Denon power amps; IS-system remote control\$500

DGX

DDP-1 Digital Preamplifier

Fiber-optic and coaxial digital inputs and outputs; 3 analog inputs; tape loop. Features DSP; D/A converter; phase and amplitude correction when used with DGX speakers. Available with correction coefficients

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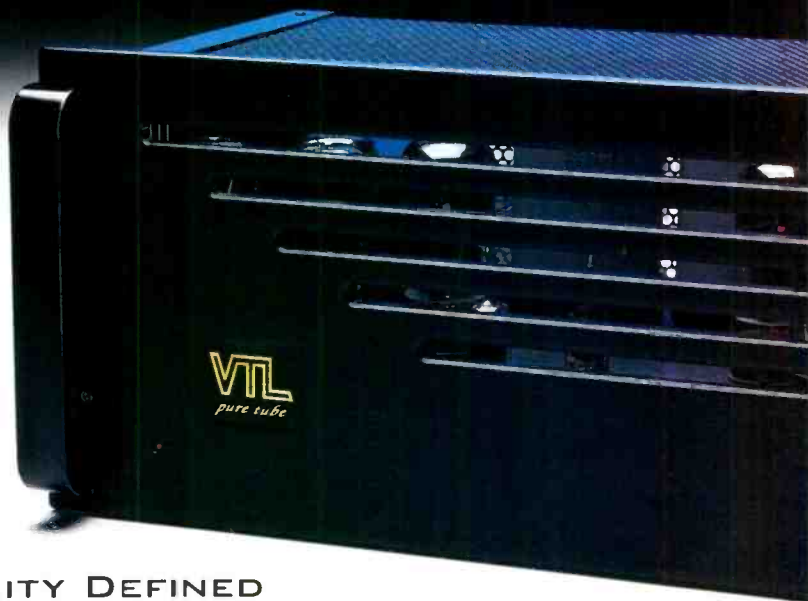
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for other brands of speakers. FR 20-20,000 Hz ± 0.1 dB; THD 0.01%; S/N 86 dB analog, 92 dB digital. 16 x 3 x 10 1/2 in; 10 lb\$995

DYNACO

PAS-4 Tube Preamplifier

Phono input; 7 line-level inputs including 2 tape loops and signal-processor loop. Features four 6DJ8 and two 12AX7 tubes. Tape-dubbing and tape-monitor controls; mono/stereo switch; balance control. FR 2-250,000 Hz ± 1 dB; THD 0.025%; S/N 90 dB. 3-yr parts-and-labor warranty; 1-yr tube warranty. Chrome finish. 17 x 3 3/4 x 12 in; 18 lb\$1,099
Black\$999

PAT-6 Preamplifier/Tuner

Phono input; 4 line-level inputs; headphone jack. 8 AM/FM presets; seek tuning; mono/stereo switch; bass, treble, balance, and loudness controls; remote control. THD 0.01% phono, 0.02% line; S/N 85 dB phono, 100 dB line. FM: AM rej 63 dB; cap ratio 1.5 dB; S/N 72 dB stereo. 1-yr parts-and-labor warranty. 17 1/2 x 3 3/4 x 13 in\$500

EDGE

P1-A Preamplifier

6 inputs; 1 tape loop; 1 line-level output; MM/MC phono inputs; gold-plated RCA connectors. Features discrete line stage; conductive plastic potentiometers; 1%-tolerance components. Mono and bypass switches; tone control. Phono module optional. FR 2-50,000 Hz ± 0.3 dB; THD 0.005%; S/N 80 dB\$418

P2-A. As above, separate power supplies for each channel\$551
Phono stage for either of the above\$130

ELECTROCOMPANET

EC-3MC Preamplifier

MC phono input; balanced CD input; gold-plated XLR and RCA inputs. Features dual-mono balanced design; Class A circuitry. Separate record and listen selectors\$2,499
EC-3MM. As above, MM phono input\$2,299
EC-4. As above, no phono input\$1,999

ECP-1 Phono Preamplifier

MM/MC input. Current-sensing circuitry adjusts to cartridge signal level. 9 1/2 x 2 1/2 x 6 1/2 in; 5 lb\$649

ENSEMBLE

Virtuoso Tube Preamplifier

6 line-level inputs; 2 tape loops; active and passive outputs; headphone jack. Features hybrid circuitry with ECC81 and 12AT7 vacuum tubes; bipolar transistors in shunt-regulated push-pull configuration; Class A operation. Separate listen and record functions; mono/stereo switch. Includes Tubesox tube dampers and 2M Powerflux cable. FR 20-20,000 Hz; THD 0.01%; S/N 89 dB. 17 1/2 x 3 3/4 x 12 1/2 in; 17.6 lb\$4,550

Phonomaster Phono Preamplifier

MM/MC phono input. Requires power through Ensemble preamp or outboard power supply. Selectable MC resistive loading\$780
External power supply for the above\$260

Prices given are the manufacturers' suggested retail prices. Actual selling prices may vary.

ESSENCE

Emerald Tube Preamplifier

6 line-level inputs. Features vibration isolation via coupling/decoupling. LED indicator. FR 0.5-100,000 Hz; THD 0.02%. 19 x 6 1/2 x 15 in; 40 lb\$7,985

EXPRESSIVE TECHNOLOGIES

SU-1 Phono Preamplifier

MC input. Step-up transformer. FR 0.7-150,000 Hz -0.1 dB; S/N 100 dB. 19 x 5 1/2 x 8 1/4 in; 35 lb\$3,500

FORTÉ

Forty Four Preamplifier

6 line-level inputs; 2 tape loops; balanced inputs and outputs; gold-plated connectors. Features Class A circuitry; direct coupling from input to output; military-spec glass-epoxy circuit board; discrete circuitry throughout. Remote control with volume, source-select, and mute controls. FR 0-100,000 Hz -1 dB; S/N 100 dB\$1,350

FP1 Phono Preamplifier

MM/MC input; gold-plated connectors. Features discrete Class A circuitry; direct-coupled JFET input. Adjustable impedance and capacitance settings. S/N 85 dB MM, 74 dB MC\$750

GOLDEN TUBE AUDIO

SEP-1 Tube Preamplifier

6 inputs; tape loop. Features three 6SN7, two 12AX7WA, and two 5881 vacuum tubes\$990
As above, without push-pull stage and 12AX7WA tubes. One 6SN7 tube\$890

GRYPHON

Orestes Phono Preamplifier

MM/MC phono input; balanced Lemo connectors. Limited edition with engraving of owner's name if desired. Features fully balanced design without op-amps or ic's from input to output; dual-mono DC-coupled design; two separate power supplies with custom transformers; no internal cabling; sealed military-spec printed circuit board; no negative feedback. MC impedance load selectable between 10-47,000 ohms\$8,500

Elektra Preamplifier

Printed-circuit-board-mounted WBT nonmagnetic phono sockets; Neutrik XLR outputs. Features dual-mono design; no negative feedback; fully discrete construction; 24-position passive-resistor volume control; proprietary mechanical grounding; sealed military-spec printed circuit board; 75-micron copper traces; pure Class A mode; custom C-core transformers; AC input filter; 40,000- μ F capacitance; double contact relays; dual-mono external power supply; 11-stage voltage regulation per channel; DC coupling with servo; Resista resistors. THD 0.01%; S/N 100 dBA; ch sep 100 dBA. 5-yr limited warranty\$8,500
Above with integral phono preamplifier section from Orestes\$13,200

Bel Canto Preamplifier

Gold-plated Teflon-dielectric phono sockets; Neutrik XLR outputs. Power supplies can support Orestes phono preamplifier. Features dual-mono design; pure Class A mode; no negative feedback; fully discrete construction; 24-position passive-resistor volume control; sealed military-spec printed circuit board; custom C-core transformers; AC input filter; 30,000- μ F capacitance; double contact relays; dual-mono external power supply; 11-stage voltage regulation per channel; DC coupling with servo. THD 0.01%; S/N 100 dBA; ch sep 100 dBA. 5-yr limited warranty\$4,950

HARMAN KARDON

PT2300 A/V Preamplifier/Tuner

3 audio and 2 A/v inputs; 2 VCR/tape monitors; line-level subwoofer output; 2 line-level output pairs. Features all-discrete circuitry; digital quartz-locked tun-

ing. 7-way dubbing; 16 AM/FM presets; subwoofer-level control; system remote control\$629

AP2500 Preamplifier

MM/MC phono input; 5 line-level inputs; 2 tape loops; gold-plated connectors. Features all-discrete circuitry\$599

JEFF ROWLAND DESIGN GROUP

Coherence Preamplifier

7 balanced-XLR inputs; 3 balanced-XLR tape/record outputs; 2 balanced-XLR outputs. Features separate DC power supply; solid-aluminum chassis components; microprocessor control. Detachable front panel for remote unit operation; selectable gain and input impedance for each source; memory for all operation modes. 83 lb\$12,800

JOULE ELECTRA

LA-200 Tube Preamplifier

5 inputs; phono input; one tape loop; dual outputs. Features Purist Audio silver wire; Vishay shunt-to-ground input block. Remote control. Black acrylic faceplate; 14-karat gold lettering; hand-made solid-brass knobs\$3,195

LA-100 Tube Preamplifier

4 inputs including tape; dual outputs; tape loop. Features all-tube design with separate tube-regulated B+ supplies for each channel; separate regulated DC filament supplies; DC coupling to phono stage; point-to-point wiring in signal board; 150,000- μ F capacitance; isolated mute relays for each channel; separate passive balance controls outside of signal path; adjustable battery bias for gain stage; elastometric suspension for signal board; MIT capacitors; Holco resistors; Cardas wire and jacks; Sound Coat and Ear Isodamp Vibration isolation materials. Auto and manual mute; LED indicator. Includes 2 jumpers for loading input to phono board. Gold and black graphite. 17 x 12 x 5 1/4 in; 20 lb\$2,795

LA-75 Tube Preamplifier

4 inputs including tape; dual outputs; tape loop. Features all-tube signal path with regulated B+ supply; separate regulated DC filament supplies; point-to-point wiring in signal board; 150,000- μ F capacitance; isolated mute relays for each channel; passive balance controls not in signal path; adjustable bias for gain stage; MIT capacitors; Holco resistors; Cardas wire and jacks; Sound Coat and Ear Isodamp Vibration isolation materials. Auto/manual mute; LED indicator. 18 x 12 x 4 1/2 in; 17 lb\$1,895

JRM ENGINEERING

JRM Preamplifier

MM and MC phono inputs; 6 line-level inputs. Features polypropylene capacitors; gold-plated electromechanical devices; 2-stage RIAA EQ with ± 0.1 dB conformity; 18-dB subsonic filter; 10 W x 2 headphone amp. Separate input selectors for main, record, and out. FR 0-50,000 Hz -1 dB; THD 0.001%; S/N 76 dB MC, 87 dB MM. 19 x 2 1/2 x 8 1/2 in\$1,170

KENWOOD

KC-X1 A/V Preamplifier/Tuner

4 video inputs; line-level outputs for left, right, center, rear-right, rear-left, and subwoofer channels; tape-monitor loop; S-video connectors; gold-plated headphone jack; 3 switched AC outlets. Features THX certification; DSP; timbre matching; THX subwoofer crossover; quartz-synthesis tuner. Digital Dolby Pro Logic and Dolby 3 Stereo modes; THX Cinema mode; mono/stereo listening modes with subwoofer; auto input balance; 18-bit digital delay variable in 1-ms increments; presence-level control; test-tone generator; 6 level controls; 40 AM/FM presets; auto/manual tuning; direct access tuning; electronic tone controls; mute; on-screen displays; dot-matrix FL display; programmable remote control\$1,000

KINERGETICS

KSP-3 Digital A/V Preamplifier

7 audio and 6 video inputs; 2 RCA and one Toslink digital inputs. Features passive switching; four 20-bit D/A converters. Remote control\$2,995
Above, no D/A conversion or digital switching ..\$1,995

KPA-3 Preamplifier

7 line-level inputs; tape and processor loops; balanced and unbalanced outputs. Class A hybrid circuitry; JFET/bipolar design. 17 1/4 x 2 x 13 1/2 in.\$1,995

KSS

The following feature a 2-year warranty.

KSS-1 Tube Preamplifier

6 sets of inputs; 1 set of main outputs; 1 set of tape outputs. Features dual-mono construction throughout; dual transformers; solid-state bridge rectifiers and regulators; no-processing straight-wire design. THD 0.007% with 2-V output\$3,995
KSS-2. As above, balanced output. THD 0.13% with 2-V output\$1,995

KSS-3 Tube Phono Preamplifier

MM/MC inputs. Features four 6DJ8 tubes\$1,995

LAMM AUDIO LABORATORY

L1 Tube Preamplifier

5 line-level inputs; 2 tape loops; balanced and unbalanced outputs; gold-plated connectors. Features Class A zero-feedback design; vacuum-tube high-voltage regulator; solid-state non-switching analog regulator; output muting circuitry. Phase-reverse switch; tape-dubbing capability; remote turn-on/off for Lamm amplifiers. FR 3-100,000 Hz. 5-yr warranty. 19 x 4 1/2 x 13 1/2 in; 21 lb\$5,690

LEGACY AUDIO

Legacy Preamplifier

5 line-level inputs; balanced input; balanced and unbalanced outputs. Tape and external-processor switches; LED display; remote control. FR 1-100,000 Hz \pm 1 dB; THD 0.001%. Satin-black brushed-aluminum faceplate. 17 x 2 1/2 x 12 in\$1,395

LEXICON

DC-1 Digital A/V Preamplifier

8 analog, 4 digital inputs; 5 video inputs; 8 outputs; 2 video outputs; 2nd-zone output. D/A converter; digital EQ and crossovers; digital Dolby Pro Logic decoding. Multiple music modes; THX and digital discrete upgradability; fuzzy-logic volume control; software upgradability; on-screen displays; remote\$1,795

LINEAR RESEARCH

Linear Research Tube Preamplifier

5 line-level inputs; phono input; 1 throughput; 1 switchable output; tape loop. Features full tube design. Dual volume controls. FR 20-20,000 Hz \pm 0.5 dB; S/N 79 dB\$2,595

LINN

Kairn Preamplifier

7 inputs including MM and MC; 3 outputs; remote-control jack for switching of other Linn products or multiroom use. Software upgradability; auto volume-level adjustment when switching sources; screened circuitry\$2,995
Above without phono inputs\$2,395

Wakonda Preamplifier

MM, MC, and 4 line-level inputs; tape, line-level, and headphone outputs. Upgradable for use with Sneaky module Kudos tuner, Sneaky module line driver, or Sneaky module line receiver. Features headphone output powered by separate internal stage. 13 x 2 1/4 x 13 in; 8.1 lb\$1,195
Above without phono inputs\$1,095

LUXMAN

CL-38 Tube Preamplifier

5 line-level inputs; gold-plated connectors. Features semiconductor assisting power circuit; noise- and reduction-interference technologies; tone compensator employing vacuum tube; custom-made capacitors in signal path; carbon-coated resistors; Star circuitry. 32-point attenuator; tape-monitor and recording controls. FR 20-100,000 Hz \pm 1 dB; THD 0.12% at 1,000 Hz; S/N 98 dBA\$8,000

C-08 Preamplifier

6 line-level inputs; 2 tape inputs; balanced output. Features all-stage direct-coupled pure-complementary circuitry; tone-control circuit; custom-made parts: passive-type attenuator; DC-configuration design. FR 8-100,000 Hz \pm 0.5 dB; THD 0.05%; S/N 11 dB. 19 1/2 x 9 1/2 x 19 1/2 in; 55 lb\$7,000

AT-3000 Preamplifier

4 line-level inputs; direct input; coaxial and floating-balanced XLR outputs. Features passive design; 23-step transformer-based attenuator; nickel-Permalloy-core transformer; pure-copper inner-shield cabinet; maple-wood transformer mount; demagnetizer. FR 20-20,000 Hz \pm 2 dB\$4,000

E-03 Phono Preamplifier

MM/MC phono input. Designed for L-500 or L-580 integrated amp and CL-38 or C-08 preamp\$2,000

C-383 A/V Preamplifier

3 video inputs; switchable MM/MC phono input; remote turn-on/off output for Luxman amplifiers; system bus connection; gold-plated audio connectors. Features separate printed circuit boards for analog, digital, and other sections; separate analog and digital power supplies; motor-driven volume control; buffer amplifiers for each video input; Star circuitry. Multiroom capability; record-out selector; bass, treble, and balance controls; loudness compensation; remote control. FR 10-100,000 Hz \pm 0.2, -0.8 dB line; THD 0.003%; S/N 91 dBA MM, 76 dBA MC, 106 dBA line. Black or champagne finish\$995

MARANTZ

AV-600THX A/V Preamplifier/Tuner

Left, center, right, and rear line-level outputs; composite- and S-video inputs and outputs; defeatable mono/stereo subwoofer output. Features THX-specification crossover with 12- and 24-dB/oct slopes. Home THX Cinema processing; Dolby Pro Logic decoder with adjustable digital delay; surround decorrelation for enhanced spatial effect from mono surround-channel signal; timbre matching; test-tone generator with low-frequency subwoofer tone; auto input balance; adjustable input level; 30 AM/FM presets; A/V source mixing; on-screen displays; alphanumeric FL display. 16 1/2 x 4 x 13 1/2 in; 20 lb\$1,199

EC-500 A/V Preamp/Tuner/CD Player

Line-level outputs for left, center, right, 2 surround, and mono/stereo subwoofer; composite- and S-video inputs and outputs; coaxial digital output; signal-processor loop; line-level multiroom outputs. Features CDM-12 3-beam laser mechanism. Dolby Pro Logic decoding with adjustable digital delay; auto input balance; 30 AM/FM presets; synchro play with compatible cassette decks; record-out selector; clock/limer; on-screen displays; display with dimmer; remote control. 16 1/2 x 4 x 13 1/2 in\$1,099
AC-500. As above, without video or Dolby Pro Logic functions\$699

PH-22 Phono Preamplifier

Provides RIAA, Europe Standard Play I, Europe Standard Play II, and flat equalizations. Features discrete Class A differential-mode FET's for MM amplification; Permalloy-core transformer with OFC windings for MC amplification; infrasonic roll-off in accordance with IEC RIAA standard; isolated power supply; die-cast non-magnetic alloy chassis with copper plating. Output attenuator. FR 20-20,000 Hz \pm 0.5 dB. Gold finish. 9 1/4 x 3 1/2 x 8 1/2 in; 9.5 lb\$1,099

SC-22 Preamplifier

4 line-level inputs; tape loop; normal and phase-inverted outputs. Features straight-line circuit topology; discrete Class A signal routing; low-pass filter in input stage to remove digital noise; Permalloy balanced output transformers; toroidal power supply with damped mounting; shielded OFC wiring; double-plated glass-epoxy circuit boards. FR 20-20,000 Hz \pm 1 dB; THD 0.03%; S/N 105 dBA. Gold finish. 9 1/4 x 3 1/2 x 8 1/2 in; 9.2 lb\$999

AV-500 A/V Preamplifier

6 gold-plated RCA audio inputs; 4 gold-plated RCA video inputs; 4 S-video inputs; front-panel composite/S-video A/V input; 4 gold-plated RCA audio outputs; 3 gold-plated RCA video outputs; 3 S-video outputs; 3 gold-plated RCA line-level outputs for front, center, and surround; 1 unswitched and 2 switched AC outlets. Features motor-driven volume control. Dolby Pro Logic decoder; auto input balance; Matrix, Movie Surround, 3-Ch Logic, and 2 Concert Hall surround modes; adjustable digital delay; movable digital color PIP for 2 video sources; Dolby test-tone generator; simulcast capability; audio and video dubbing capabilities; switchable 3-, 5-, or 7-dB bass boost at 70 Hz; mute switch; on-screen displays; defeatable FL dot-matrix display; remote control. 17 1/2 x 3 1/2 x 13 1/2 in\$699

MARK LEVINSON

No. 38S Preamplifier

2 balanced and 4 unbalanced inputs; balanced and unbalanced outputs. Features fully balanced circuitry from input to output; surround-sound mode. Remote control\$6,495

No. 38. As above, lower sonic performance. Can be upgraded to No. 38S\$3,995

MBL

Model 6010c Preamplifier

5 unbalanced inputs; 2 balanced and 2 unbalanced outputs; 2 tape outputs; headphone jack. Modular design accepts slide-in options. FR 0-600,000 Hz; THD 0.0014%. 21 x 9 x 12 in; 77 lb\$11,200

Input Group B. Slide-in option to provide duplicate set of inputs and input options\$4,398

Measuring Module. Slide-in option to provide 4-digit LCD level display\$1,175

Wireless remote control\$1,210

MC phono input\$1,050

Output Group II. Slide-in option providing duplicate set of outputs for bi-amplifying\$988

MM phono input\$789

Remote-control transmitter\$495

Balanced input\$384

CD-direct input\$384

Model 5010c Preamplifier

5 unbalanced inputs; 2 balanced and 2 unbalanced outputs; 2 tape outputs; CD-direct input; MM phono input; 2 switchable discrete outputs; headphone jack with volume control. Features metal potentiometer. Remote control. MC phono input optional. FR 0-400,000 Hz; THD 0.001%. 18 x 4 x 10 in; 30 lb\$4,850

Model 5010cm. As above, higher-grade version.

Manual voice control\$5,800

Model 4004 Preamplifier

5 inputs; balanced output; 2 switchable unbalanced outputs; 2 tape outputs; balanced input; CD-direct input; MC phono input; MM phono input. Remote control. MM/MC phono input optional. FR 0-300,000 Hz; THD 0.0008%. 18 x 4 x 10 in; 20 lb\$2,100

MCCORMACK

ALD-1 Preamplifier

5 buffered inputs; balanced output; normal and inverted unbalanced outputs; 2 tape loops. Tape-dubbing capability. Phono stage or external power supply optional\$1,745

TLC-1 Preamplifier

5 inputs; 2 buffered tape loops; one passive and one buffered output\$995

Micro Line Drive Preamplifier

3 inputs; tape loop; one active and one passive outputs. Adjustable gain. Compact chassis\$595

Micro Phono Drive Phono Preamplifier

One input; one output. Adjustable gain and cartridge loading. Compact chassis\$495

McINTOSH

C40 Preamplifier

8 audio inputs; MM phono input; one balanced-input pair; balanced outputs. Features 20-W/ch monitor amp with protection; logic-driven electromagnetic switching. 5-band EQ; listen and record selectors. FR 20-20,000 Hz -0.5 dB; THD 0.002% from 20-20,000 Hz; S/N 90 dB phono, 105 dB line. 17½ x 5½ x 17½ in; 26 lb ..\$3,500

C39 A/V Preamplifier

S-video input. Dolby Pro Logic decoder; ability to control one remote zone; interface with CR10 multi-room controller to add up to 4 additional zones; A/V switching; remote control. THX-M module for THX processing optional. FR 20-20,000 Hz -0.5 dB. 17½ x 7½ x 17½ in; 30 lb\$3,500

MX130. As above, with AM/FM tuner. 8 AM and FM presets\$4,300

MX118 A/V Preamplifier/Tuner

Dolby Pro Logic decoder; interface with CR10 multi-room controller to add up to 4 additional zones; A/V switching; remote control. FR 20-20,000 Hz -0.5 dB. 17½ x 5½ x 17½ in; 25 lb\$3,000

C38 Preamplifier

Ability to control one remote zone; interface with CR10 multiroom controller to add up to 4 additional zones; ability to receive infrared signals from front panel, wall-mount sensor, or WK-2 wall-mount keypad; remote control. MVS-3 A/V selector for control of 5 additional audio, video, or S-video inputs or HC-1 accessory controller (optional). FR 20-20,000 Hz -0.5 dB. 17½ x 5½ x 17½ in; 20 lb\$2,500

C712 Preamplifier

8 audio inputs; signal-processor loop. Features logic-driven electromagnetic switching. Tape-monitor switches; remote control. FR 20-20,000 Hz -0.5 dB. 17½ x 3½ x 17½ in; 15 lb\$1,500

MELOS

MA-333R Tube Preamplifier

Balanced outputs; 3 outputs. Balanced circuitry; dual mono; separate chassis for control section and power supply. Output phase switching\$2,895

MA-333R Pho-Tentiometer. As above, with remote control\$3,595

MA-333R Balanced Pho-Tentiometer. As MA-333R Pho-Tentiometer, with balanced inputs and outputs\$4,395

SHA-Gold Tube Preamplifier

6 line-level inputs; tape loop; headphone jack; balanced and unbalanced outputs. Features balanced circuitry; Teflon-insulated wire; Tiffany-style connectors. Remote control\$1,995

MA-210. As above, without remote control. Unbalanced output\$1,395

With balanced outputs\$1,595

MA-220 Gold Tube Phono Preamplifier

MM/MC input. 12 switchable load positions on front panel\$1,395

MA-220. As above, but lighter chassis without dampening\$1,295

MA-333. As MA-220, fully balanced circuit ...\$2,495

MA-111B Tube Preamplifier

6 inputs; phono input; 2 outputs; tape loop; gold-plated RCA connectors. Features separate power supply; triode phono amp; Alps & Noble volume and balance controls; silver-plated switch contacts ...\$1,395

SHA-1 Tube Headphone Preamplifier

3 line-level inputs; 1 line-level output; 2 headphone

outputs. Features Class A operation; zero feedback amplification; toroidal transformer\$1,095

MERIDIAN

Model 562V Digital A/V Preamplifier

7 analog inputs; 6 composite- and 2 S-video inputs; 3 composite- and 3 S-video outputs; 5 coaxial digital inputs; 2 fiber-optic digital inputs; 2 function-selector outputs for use with SCART control; 2 analog tape outputs; 2 coaxial digital outputs; 1 fiber-optic digital output; RS-232 control interface. Adjustable input sens for each analog source; tape-dubbing capability; mute; 4-character alphanumeric display. Card for one variable main analog output and 2 fixed tape outputs optional. 12½ x 3½ x 13 in\$1,550

Model 501V A/V Preamplifier

6 analog inputs; 6 composite- and 2 S-video inputs; 3 composite- and 3 S-video inputs; 2 main and 2 tape outputs. Adjustable input sens for each analog source; tape-dubbing capability; mute; 4-character alphanumeric display. 12½ x 3½ x 13 in\$1,450

Model 501. As above, no video section\$995

Model 562 Digital Preamplifier

7 analog inputs; 5 coaxial digital inputs; 2 analog tape outputs; 2 coaxial digital outputs; RS-232 control interface. Adjustable input sens for each analog source; tape-dubbing capability; mute; 4-character alphanumeric display. Card for one variable main analog output and 2 fixed tape outputs optional. 12½ x 3½ x 13 in\$1,195

MICROMEGA

Tempo P Preamplifier

7 line-level inputs including 1 balanced XLR; tape-monitor loop; dual stereo outputs. Features Class A output stage. Variable sens for each input; input designation from name library; variable display brightness; output muting; volume control with electronic lock of max level; remote control. MM/MC-phono or Dolby Pro Logic board optional. 17 x 3¼ x 11¼ in; 16 lb\$1,595

MUSEATEX

AVC-1 A/V Preamplifier

4 composite/S-video A/V inputs; 2 audio and 2 A/V tape loops; balanced and unbalanced outputs. Remote control\$1,999

MUSICAL DESIGN

SP-2 Tube Preamplifier

6 inputs; tape output; 2 main outputs; gold-plated Teflon-insulated RCA jacks. Features vacuum tubes in single-stage no-feedback configuration; one push-pull gain stage; 30-second turn-on delay; anodized-aluminum front panel. Switchable source-direct mode; mono/stereo and mute switches\$995

MUSIC REFERENCE

RM-5 MkIII Tube Preamplifier

MM/MC phono inputs; 4 line-level inputs; 2 main-output pairs. Features three 6922 vacuum tubes. Auto muting circuit; tape-dubbing capability\$1,310

With graded 6DJ8 vacuum tubes\$1,250

RM-4+ Phono Preamplifier

MM input. Passive RIAA equalization. Auto muting; adjustable gain and load impedance. S/N 87 dBA ...\$950

RM-4C Tube Phono Preamplifier

MC input. Auto muting; adjustable gain and load impedance. S/N 90 dBA\$750

NAD

Model 917 A/V Preamplifier/Tuner

7 line-level inputs including 3 video; line-level outputs for main left/right, center, surround left/right, subwoofer, multiroom; composite/S-video inputs and outputs. Dolby Pro Logic, Stadium, Hall, and Club

surround modes; controls for treble, bass, bass-EQ, and tone defeat; 3-position subwoofer output switch; 40 AM/FM presets; indicators for signal strength and center tune; on-screen displays; system remote control compatible with most NAD tape decks and CD players. FR 20-20,000 Hz ±0.3 dB; THD 0.01%; S/N 88 dBA. FM: S/N 82 dB mono, 75 dB stereo; THD 0.1% mono, 0.15% stereo at 100% modulation. 17½ x 4½ x 14 in\$799

Monitor Series

Model 106 Preamplifier

5 line-level inputs; switchable MM/MC phono inputs; gold-plated connectors; impedance-balanced XLR outputs. Discrete phono stage; metal-film resistors. Defeatable tone controls; power-on muting; headphone amp. FR 20-20,000 Hz ±0.2 dB; THD 0.01%; S/N 76 dB phono, 96 dB line. 16 x 3¼ x 10½ in; 8 lb\$599

Model 1000 Preamplifier

5 line-level inputs; MM/MC phono input; gold-plated phono and CD inputs; signal-processor loop; headphone jack. Switchable infrasonic filter. Bass EQ; tape-dubbing capability; defeatable tone controls; rack mounting. FR 20-20,000 Hz ±0.2 dB; THD 0.01%; S/N 76 dB phono, 96 dB line. 17½ x 3¼ x 10½ in; 8 lb\$349

NAIM

NAC-52 Preamplifier

Features separate power supply; dual-mono design; motor-driven volume control; separate power supply for each section. LED indicators; remote control. 16¼ x 3 x 11¼ in\$10,000

NAC-82 Preamplifier

6 line-level inputs. Features regulated power supply for control circuits in separate chassis. Mute/monitor switch; listen/record selectors; remote control. Phono stage optional. 17 x 3 x 12 in\$4,000

NAC-72 Preamplifier

4 line-level inputs. Features matched time-aligned filter. Mute monitor switch. 11¼ x 3 x 8 in\$1,300

NAC-92 Preamplifier

1 line-level RCA input; 4 line-level DIN inputs. Tape-monitor controls; balance control. Phono stage optional. 17¼ x 2¼ x 12 in\$800

Power Supplies

Super Cap\$3,900

Hi-Cap\$1,250

Flat-Cap\$650

Phono Stages

NA332. MM for NAC-72\$125

NA323. MC for NAC-72\$125

NA522. MM for NAC-52, NAC-82, or NAC-92 ...\$150

NA523. MC for NAC-52, NAC-82, or NAC-92 ...\$150

ONKYO

Integra P-388F Preamplifier

9 line-level inputs; MM/MC phono inputs; balanced CD input; 2 tape loops; balanced outputs. Features multiple-stage balanced design; transformer designed to prohibit electromagnetic interference; motor-driven volume control. Record-out selector; remote control. THD 0.0005% line; S/N 81 dB MC, 92 dB MM. 18 x 3¾ x 16½ in; 19.6 lb\$1,245

Integra P-304 Preamplifier

8 inputs including MM/MC phono. Features all-discrete signal path; in-phase signal filters; FET phono stage. Two record-out selectors; direct tone controls; side panels. THD 0.0005% line; S/N 81 dB MC, 92 dB MM. 18¼ x 4 x 15½ in; 17 lb\$559

P-301 A/V Preamplifier

7 audio and 2 video inputs; MM phono input. Features source-direct mode; motor-driven volume control. Tone control; video-dubbing capability. FR 15-30,000 Hz ±1 dB; THD 0.009% line; S/N 92 dB MM. 18 x 4¾ x 12¼ in; 9 lb\$289

PAC

Pro-Reference III/10K Tube Preamplifier

Phono and line-level inputs. Features vacuum tube components; power supply with digital AC line filtering and separate multiple-regulated voltage references. Manual muting. Includes Pac ALC and power supply cables\$10,000

Pro-Reference III/7.5K. As above, without phono stage\$7,500

Pro-Reference III. As Pro-Reference III/7.5K, different power supply\$4,295

Pro-Reference III.P. As Pro-Reference III, phono section only\$2,995

PARASOUND

P/LD-2000 Preamplifier

6 unbalanced and 1 balanced inputs; 1 unbalanced and 1 balanced outputs; XLR connectors. Features all-discrete circuitry; precision 27-mm Alps motor-driven volume control; MOSFET line stages; power supply with 80,000-µF filtering; gold-clad PC boards. Remote control\$1,495

P/SP-1500 A/V Preamplifier

4 A/V inputs; composite- and S-video inputs; 4 audio inputs. Features THX certification; analog Dolby Pro Logic circuitry; relay switching. 7 surround modes; THX auto level reset; on-screen displays; remote control\$1,495

P/LD-1500 Preamplifier

6 inputs; balanced outputs; XLR connectors; gold-plated RCA jacks. Features Class A circuitry; MOSFET drive circuitry; direct coupling; 65,000-µF regulated power supply; separate glass-epoxy circuit boards for each channel. FR 5-135,000 Hz; THD 0.008% . . . \$895

P/SP-1000 A/V Preamplifier

6 inputs; S-video connectors. Features motor-driven 6-gang Alps volume control; relay-controlled pre-amp-direct and automatic circuits; 40,000-µF main power supply; separate regulated power supplies; analog Dolby Pro Logic processor. 4 processing modes; bass-EQ functions; remote control \$850

P/LD-1100 Preamplifier

6 inputs; gold-plated RCA connectors; headphone jack. Features Class A circuitry; MOSFET drive circuitry; direct coupling; 44,000-µF regulated power supply; separate glass-epoxy circuit boards for each channel. Remote control. FR 5-135,000 Hz; THD 0.008%\$850

P/HP-850 Preamplifier

4 line-level inputs; phono input; gold-plated connectors; headphone jack. Features CMOS input switching; direct-coupled and normal inputs; muting relay; 18,800-µF regulated power supply; defeatable tone controls. FR 10-100,000 Hz; THD 0.01%\$395

P/PH-100 Phono Preamplifier

2 unbalanced RCA inputs; 2 unbalanced RCA outputs. Features analog devices and audiophile-grade capacitors\$120

PERREAUX TECHNOLOGIES

Reference Series

AVP-6 Digital A/V Preamplifier

8 audio inputs; 4 composite- and S-video inputs and outputs; 2 digital inputs; digital output; 2 subwoofer outputs; 2 main outputs; balance and unbalanced inputs and outputs; RS-232 interface. Features digital Dolby Surround AC-3 and Dolby Pro Logic decoding; D/A converter with 20-bit processing; re-equalization circuitry for surround modes; 3 independent signal paths for main, remote, and record. Theater, Rock, and Jazz DSP modes; DSP bypass; on-screen programming; programmable remote control. Silver or black chrome finish. 19 x 13 3/4 x 3 3/4 in; 20 lb\$4,995

SM-6 Preamplifier

6 line-level inputs; balanced and unbalanced main

outputs; separate record output. Features Class A circuitry; toroidal transformer; regulated power supply. Remote control. FR 10-65,000 Hz ±0.4 dB; THD 0.001%. Silver or black chrome finish. 19 x 3 3/4 x 12 3/4 in; 17 lb\$2,495

SM-5. As above, no balanced outputs or remote control. 19 x 2 3/4 x 12 3/4 in; 16 lb\$1,995

E Series

EAV-5 A/V Preamplifier/Tuner

7 audio inputs; 3 composite- and S-video inputs and outputs; subwoofer output; signal-processor loop. Features DSP for surround. Dolby Pro Logic decoder with Theater, Rock, and Jazz modes; 20 tuner presets; on-screen displays; programmable remote control. Black satin finish. 17 1/2 x 4 1/2 x 15 in; 14 lb\$1,495

EP-4 Preamplifier

MM/MC phono input; 6 line-level inputs; two tape loops. Features toroidal transformer. Remote control. FR 20-50,000 Hz ±0.03 dB; THD 0.008%. Black satin finish. 17 x 2 1/4 x 13 in; 10 lb\$995

PIONEER

C-72 A/V Preamplifier

4 audio inputs; MM/MC phono input; video inputs. Bass and treble controls. FR 20-20,000 Hz ±0.2 dB MM, 20-20,000 Hz ±0.3 dB MC, 1-150,000 Hz -3 dB line; THD 0.002% from 20-20,000 Hz; S/N 93 dB MM, 76 dB MC, 106 dB line. 18 1/2 x 6 1/2 x 16 1/2 in \$850

PLACETE AUDIO

G2-AD797BN Preamplifier

7 inputs; 2 tape inputs and outputs. Features dual-mono circuitry; relay-controlled input selection; relay-controlled hard-wired resistive-matrix volume control using Vishay S102 resistors; selectable AD797BN output buffer providing 2x gain for lower-output sources; relay-controlled headphone jack. Controls for 2 tape decks; interlock circuitry to tape-play only; LED indicator; security lock to prevent unauthorized use. Remote control or phono stage optional. 19 x 5 x 14 in; 32 lb\$2,995

VF-BUF-03. As above, with BUF-03 output buffer for voltage-following applications that do not require gain\$2,995

PAS. As above, passive design without output buffers\$1,995

POINTSOURCE

PH100 Tube Phono Preamplifier

MM/MC phono input. Features variable capacitance/resistance on MM input; Class A circuitry; five 12AX7 vacuum tubes for regulated power supply. Balance-trim control; phase control. 19 x 3 x 12 in \$875

PRT104 Tube Preamplifier

5 inputs; buffered tape output. Features Class A vacuum-tube circuitry; five 12AX7 tubes for regulated power supply. Normal voltage amplification, current buffer-only, and passive operation modes; balance and volume controls; record and source-select knobs. FR 20-20,000 Hz ±1 dB phono, 5-100,000 Hz -1 dB line; THD 0.01%. 19 x 3 x 12 in \$875

PR104. Solid-state version of the above with discrete MOSFET/bipolar circuitry\$875

PROCEED

PAV A/V Preamplifier

4 A/V inputs; 2 XLR and 4 RCA audio inputs; 2 sets of balanced outputs; composite- and S-video connectors; infrared-remote jack. Independent signal paths for main, remote, and record. THX, Dolby Pro Logic, and stereo surround; remote amp turn-on; on-screen displays; programmable remote control \$4,195

PRE Preamplifier

2 balanced and 4 unbalanced inputs; balanced and unbalanced outputs. Independent buffered-main and record signal paths; surround-sound processor mode; remote amp turn-on; programmable remote control\$1,995

PROTON

AP-2000 Preamplifier

6 inputs, MC phono input; subwoofer output; gold-plated RCA inputs. Features subwoofer crossover switchable at 75 or 150 Hz. Separate listen and record selectors; bass and treble controls; remote control. FR 20-20,000 Hz ±5 dB; THD 0.02%; S/N 95 dB. 16 1/2 x 3 3/4 x 14 1/4 in\$300

PS AUDIO

Reference Link LS Digital Preamplifier

Coaxial, AES/EBU, AT&T ST, and Toslink digital inputs; 5 line-level analog inputs; two tape loops; digital tape loop; 2 RCA output pairs; 2 balanced-output pairs; gold-plated connectors. Features Ultra-Analog-oased 20-bit D/A converter and 18-bit A/D converter. Remote control with volume, balance, source-select, phase-reverse, and mute controls. FR 20-20,000 Hz ±0.3 dB; THD 0.01%; S/N 98 dB. 17 x 3 1/4 x 16 1/2 in\$4,795

PS 7.0 Preamplifier

6 RCA input sets; balanced input; RCA output set; balanced output. Features direct coupling. Remote control with volume, balance, source-select, and mute controls. FR 20-20,000 Hz ±0.01 dB; THD 0.03%; S/N 90 dB. 17 x 2 1/2 x 9 in\$1,195

PS 5.7 Preamplifier

MM/MC phono inputs; gold-plated connectors. Designed as PS 6.2 and PS Phonolink in single chassis. Features military-grade glass-epoxy circuit board; regulated diode-isolated power supply; passive phono EQ. Straight-wire and bypass switch. FR 20-20,000 Hz ±0.1 dB; THD 0.1%; S/N 85 dB MM, 74 dB MC. 17 x 2 1/2 x 9 in; 14 lb\$995

PS 6.2 Preamplifier

6 RCA inputs; 4 RCA outputs. Features active/passive operation. Defeatable balance and tape-monitor circuits. FR 20-20,000 Hz ±0.1 dB; THD 0.1%. 17 x 2 1/2 x 9 in; 14 lb\$795

PS Phonolink Phono Preamplifier

MM/MC input; gold-plated connectors. Passive EQ. Front-panel switching for cartridge loading. FR 20-20,000 Hz ±0.25 dB; THD 0.1%. 17 x 2 1/2 x 9 in . \$795

PSE

HL-1 Tube Preamplifier

One balanced input; 5 unbalanced inputs; balanced and unbalanced outputs; unity-gain processor loop; buffered tape output independent of main audio path. Features dual-mono self-adjusting hybrid design; multiple power supplies; minimalistic single-contact audio path. Audio control control. Tube phono stage or remote control optional. 17 lb\$1,595

Studio SL Preamplifier

6 inputs; switchable MM/MC phono input; balanced and unbalanced outputs. Features discrete Class A FET design; separate regulated power supplies for phono and line stages; aluminum chassis. Selectable phono-input impedance; record-out selector; phase-reverse switch; balance control. Rack mount optional. 18 x 1 3/4 x 8 1/2 in; 6 lb\$950

Without phono stage\$850

QUICKLINE

PA-4 Phono Preamplifier

MM and MC inputs; noninverting-polarity output. Features Class A design; external power supply chassis with 100-VA toroidal transformer; output regulation; epitaxial rectifiers; power-supply regulation circuit; dual-mono audio circuit cards. Selectable cartridge-loading resistors; switch-selectable input-gain setting. Includes PSU-1 external power supply. S/N 90 dBA MM, 75 dBA MC\$1,595

CC-1 Preamplifier

Phono input; inputs for 5 line-level sources; 2 main and 2 tape outputs. Features TSL-A47 volume atten-

uator; TBL-24 balance attenuator; Tiffany RCA chassis connectors\$1,295

CC-2 Preamplifier

Phono input; Inputs for 4 line-level sources; 1 main and 2 tape outputs. Features TSL-A47 volume attenuator; Tiffany RCA chassis connectors\$895

CC-3 Preamplifier

1 line-level input; 1 main output. Features TSL-A47 volume attenuator; mute toggle\$495

QUICKSILVER

Quicksilver Tube Preamplifier

6 audio inputs. Output imp 12.5 ohms; THD 0.001%; bandwidth 1-650,000 Hz. 17 x 11 x 5 1/4 in; 21 lb ..\$1,995

Quick Line Stage Tube Preamplifier

5 audio inputs. Output imp 75 ohms; bandwidth 0.1-120,000 Hz; THD 0.01%. 15 x 9 1/2 x 3 in; 12 lb ..\$895

Moving Coil Phono Transformer

23-dB gain; bandwidth 1-100,000 Hz; output 2.8 V max. 1 1/4 x 2 1/2 x 5 in; 3 lb\$365

RANE

PS1 Phono Preamplifier

Terminal-strip and RCA outputs. Designed for remote turntable locations. Features external power supply; 18-dB/oct rumble filter at 15 Hz. Selectable 100-, 250-, or 450-pF cartridge loading. FR RIAA ±0.1 dB; S/N 84 dB; ch sep 80 dB at 1,000 Hz\$229

ROTEL

RC-995 Preamplifier

7 inputs including MM/MC phono; dual RCA outputs; headphone jack. Discrete line-level stage. Remote control. FR 20-20,000 Hz ±0.2 dB phono; 4-100,000 Hz ±0.5 dB line; THD 0.004%. 17 1/2 x 2 1/4 x 12 1/2 in ..\$1,000

RC-990BX Preamplifier

6 inputs; MM/MC phono input; dual outputs; headphone jack. Features discrete line-level stage. Remote control. 17 1/2 x 2 1/4 x 12 1/2 in\$750

RSP-960AX A/V Preamplifier

2 audio and 3 video inputs; S-video connectors; subwoofer output; switched AC outlet. Dolby Pro Logic decoder; 4 ambience modes; video dubbing; variable subwoofer crossover point and level control; remote control. FR 10-110,000 Hz ±1 dB; THD 0.0045%; S/N 103 dB. 17 1/2 x 3 1/2 x 12 1/2 in\$600

RC-980BX Preamplifier

6 inputs including MM/MC phono; dual outputs; headphone jack. Features high-frequency passive and low-frequency active EQ. FR 20-20,000 Hz ±0.2 dB phono; 4-100,000 Hz ±0.5, -3 dB line; THD 0.004%. 17 1/2 x 2 1/4 x 12 in\$600

RTC-940AX Preamplifier/Tuner

4 inputs; signal-processor loop; tape out; 3 switched AC outlets; headphone jack. Features motor-driven volume control. 16 AM/FM presets; tone defeat; remote control. FR 4-100,000 Hz -3 dB; THD 0.004%. FM: 50-dB quieting sens 37.2 dB; cap ratio 1 dB; alt-ch sel 70 dB; S/N 75 dB; THD 0.25%. 17 1/2 x 3 1/2 x 11 1/4 in\$480

RC-970BX-II Preamplifier

5 inputs; dual outputs; 2 tape loops; headphone jack. Tone defeat. FR 4-100,000 Hz -3 dB; THD 0.004%. 17 1/2 x 2 1/4 x 10 1/4 in\$300

RQ-970BX Phono Preamplifier

MM/MC phono input; line-level output. FR 20-20,000 Hz ±0.2 dB; THD 0.004%; S/N 75 dB MM, 70 dB MC. 17 1/2 x 2 1/4 x 7 1/4 in\$200

SIGNATURE TECHNOLOGIES

SRp-7 Tube Preamplifier

5 line-level inputs; phono input; gold-plated Teflon

RCA connectors. Features shielded power supply with 6CG7 and 12AX7 vacuum tubes; glass-epoxy circuit boards with film-type resistors and polypropylene capacitors. Hand-crafted hardwood cabinet; independent tape monitoring. FR 20-20,000 Hz ±1 dB phono, 10-35,000 Hz ±1 dB line; THD 0.01%; S/N 90 dB line, 72 dB phono. Hardwood or lacquer finish with black or champagne faceplate. 5-yr limited warranty. 17 1/4 x 6 1/2 x 12 1/4 in; 20 lb\$1,995
As above, no phono input. 6 line-level inputs ..\$1,695

SONOGRAPHIE

SC26 Preamplifier

6 line-level inputs. Features discrete power-supply regulation. Level and balance controls in 0.5-dB steps; remote control. FR 5-100,000 Hz; THD 0.1%. 17 x 2 1/4 x 11 1/2 in\$995

SC25 Preamplifier

6 line-level inputs. Features FET design; zero-feedback circuitry; discrete power-supply regulation. FR 5-100,000 Hz ±0.5 dB; THD 0.1%. 17 x 2 1/4 x 11 1/2 in\$795

SC22P. Phono stage for above. Features discrete FET circuitry\$200

SONY

TA-E90ES Preamplifier

Inputs for 6 line-level sources; MM and MC phono inputs; analog balanced-XLR inputs and outputs; 2 tape loops; headphone jack. Features dual-mono design; MOSFET output stage; moving-coil head amp; rotary-resistor attenuator and attenuator shaft mounted in vibration-isolating subchassis; round toroidal-core power transformer; off-center cast-iron isolation feet; aluminum front panel; motor-driven volume control. Remote control. FR 3-300,000 Hz -3 dB line; THD 0.003% at 1,000 Hz; S/N 95 dB MM, 85 dB MC, 105 dB line. 17 x 3 1/2 x 17 1/2 in; 22.6 lb\$1,800

TA-ES2000ESD Digital A/V Preamplifier

5 audio inputs including phono; 7 A/V inputs; 3 S-video inputs including one on front panel; 1 coaxial and 2 fiber-optic digital inputs; fiber-optic digital output; 2 subwoofer and 2 center-channel outputs; gold-plated audio inputs; 3 switched and 1 unswitched AC outlets; Control S input for Sony multiroom systems. Features DSP with pulse A/D conversion, 90-MHz 8-output D/A conversion; auto sampling-rate switching between 32, 44.1, and 48 kHz; digital ch-sep control; source-direct switch bypassing digital circuitry. Digital Dolby Pro Logic decoder with auto input balance; 10 factory and 10 user sound-field presets; 10 adjustable sound-field parameters; 3-band digital parametric EQ; independent EQ's for front, center, and rear channels; digital dynamic-range compression/expansion; record-out selector; programmable A/V remote control. THD 0.004% front channels with analog input at 1,000 Hz. 17 x 6 x 14 1/4 in; 18.8 lb\$1,250

SOUNDSTREAM

C2 A/V Preamplifier

6 A/V inputs including 2 S-video; front, center, L/R-side, and L/R-rear line-level outputs; 3 front subwoofer outputs; surround subwoofer output. Features THX-certified processing; hybrid analog and digital surround circuitry; 12-dB/oct surround-subwoofer crossover at 80 Hz; defeatable 12-dB/oct high-pass and 24-dB/oct low-pass THX filters at 80 Hz. 10 processing modes; 2nd-room listen/record capability; bass control at 40 Hz; 4 movie and 7 music surround modes; R2 universal remote control. Includes Lucasfilm W/O/W calibration laserdisc. THD 0.05% main channels, 0.1% surround channels; S/N 95 dBA. 17 1/2 x 3 1/2 x 15 1/2 in; 16 lb\$2,995

SOUND VALVES

VTP-110 Tube Preamplifier

6 line-level inputs; direct input; high-pass or full-range line-level output; line-level subwoofer output; headphone jack; 2 buffered tape outputs. Features 2-way crossover with 12-dB/oct low-pass slope. Bal-

ance control; mono/stereo switch; auto/manual mute; subwoofer-output level control. FR 2-200,000 Hz -3 dB line; THD 0.03% from 20-20,000 Hz line; S/N 90 dB line; ch sep 75 dB from 20-20,000 Hz line. 3-yr limited parts-and-labor warranty; 1-yr tube warranty. 17 1/4 x 3 1/2 x 10 1/4 in; 14 lb\$899

VTP-101 Tube Preamplifier

6 line-level inputs; phono input; 2 line-level outputs; 2 tape outputs. Balance control; tape-monitor controls; mono/stereo switch; auto/manual mute; adjustable phono loading. FR 20-20,000 Hz -0.2 dB phono, 5-100,000 Hz -3 dB line; THD 0.015% at 1,000 Hz phono, 0.01% at 1,000 Hz line; S/N 75 dBA phono, 90 dB line; ch sep 72 dB at 1,000 Hz line. 3-yr limited parts-and-labor warranty; 1-yr tube warranty. 17 1/4 x 3 1/2 x 10 1/4 in; 13 lb\$699

SUMO

Artemis Preamplifier

1 balanced and 6 unbalanced input pairs; 1 balanced and 2 unbalanced output pairs; signal-processor loop; gold-plated connectors. Features 2-chassis design with separate DC power supply; fully discrete circuitry; no-feedback line stage; micro-processor control; 6 regulated supplies in dual-mono configuration; post-gain attenuators; military-spec circuit boards; 1% film resistors. Volume-level memory; remote control. MM/MC phono module or D/A-converter module optional. FR 0.2-200,000 Hz -3 dB; THD 0.05% at 1 V rms from 20-20,000 Hz; S/N 100 dB. 19 x 2 1/2 x 10 1/4 in; 25 lb\$1,499

Athena II Preamplifier

6 unbalanced input pairs; 1 balanced and 2 unbalanced output pairs; buffered tape outputs. Features fully discrete line stage; separate power supplies for each channel; direct-CD mode; no capacitors in signal path. Separate record and listen selectors. FR 10-50,000 Hz -0.1 dB; THD 0.008% at 10 V rms output from 20-20,000 Hz. 19 x 1 1/4 x 9 1/2 in; 10 lb\$699
D/A-converter module with fiber-optic and coaxial digital inputs for the above\$499
Balanced line stage for Athena II\$200
Phono module with separate discrete MM/MC gain stages for Athena II\$199

SUTHERLAND

C-1000 Preamplifier

Features dual-mono design; control signals separate from sonic paths; microcomputer active only during control operations; floating power source; constant-current power supply; tape-input signal interlocked with input selector to prevent oscillatory loops. Balance control; phase-reverse switch; master-volume control; display dimmer; remote control. Solid-brushed and clear-anodized case; separate power supply\$15,000

C-1001 Preamplifier

Features dual-mono construction with mechanically unified control system; separate power supply using constant-current power delivery to remove AC line, power supply, and interconnect cable from the signal path. Solid-brushed and clear-anodized cases for preamp and power supply\$9,500

SYMPHONIC LINE

RG-3 Preamplifier

Inputs for 4 line-level sources; 2 tape inputs; 2 main outputs; 1 record output. Modular design implemented through plug-in circuits; Class A operation; steel construction; external power supply\$5,000

RG-2 Preamplifier

MM/MC phono input; inputs for 4 line-level sources including tape; tape-monitor output. Features shielded power supply; steel construction\$2,900

TECHNICS

SU-C1000 Preamplifier

5 line-level source inputs; MM/MC phono input. Fea-

tures 30-hr Ni-Cd battery drive power supply with separation of AC power supply from audio signal path for noise reduction; auto battery charging upon unit turn-off; auto switching to rectified AC power upon battery-power depletion. Tape-monitor switch; A/B speaker switch; balance control; defeatable tone controls; remote control\$250

THRESHOLD

The following are available with a pewter-gray finish for an additional \$100.

T2 Preamplifier

Inputs for 2 balanced and 6 unbalanced sources; balanced-XLR output; unbalanced RCA output. Features fully balanced differential line stage; digitally manipulated microprocessor-based analog volume attenuator; outboard power supply with 150-W toroidal transformer and 75,000-µF capacitance; discrete regulators; separate supplies for analog and digital sections. FL display; remote control with volume, balance, source-select, and mute functions. FR 0-100,000 Hz -5 dB; THD 0.002%; S/N 118 dB ..\$5,250

FET 10 P-Phono Preamplifier

Balanced XLR and unbalanced RCA outputs. Features FET circuitry; outboard power supply; Class A design. MM/MC gain settings; selectable impedance and capacitance values. FR RIAA ±0.25 dB; S/N 85 dB MM, 74 dB MC\$2,500

T3 Preamplifier

Balanced inputs and outputs; gold-plated inputs and outputs; 5 unbalanced line-level inputs; 1 balanced input. Features gain performed in unbalanced mode; outboard power supply; pure Class A discrete signal path; direct coupling from input to output. Remote control with volume, source-select, and mute functions. FR 0-125,000 Hz -1 dB; THD 0.005%; S/N 100 dB\$2,250

TUBE RESEARCH LABS

GTRP.P Tube Phono Preamplifier

2 phono inputs; tube-buffered recording output. Features 6 tubes; 18 tubes for power supply. Polished gold front/rear main chassis. Preamp 19 x 12 x 14 in. Power supply 19 x 12 x 25 in\$12,500

GTRP Tube Preamplifier

6 line-level inputs; tube-buffered recording output. Features 6 tubes; 10 tubes for power supply. Polished gold front/rear main chassis. Preamp 19 x 12 x 14 in. Power supply 18 x 4 1/2 x 12 in\$8,500

VAC

CPA1 MkII Tube Preamplifier

6 line-level inputs; MC/MM phono inputs; tape loop; buffered tape and 2 main outputs. Class A triode-tube design; dual-cascade phono inputs; hard wiring; separate regulated power supply; non-magnetic chassis; stepped volume attenuators. Selectable passive-buffered line-stage mode; adjustable phono impedance, capacitance, and gain. Balanced output optional. FR 6-90,000 Hz. Preamp 6 x 18 x 13 1/2 in; 25 lb. Power supply 6 1/4 x 7 x 12 1/2 in; 25 lb\$4,390
CLA1 MkII. As above, without phono inputs ..\$3,290
CPP1 MkII. As CPA1 Mk II, but with phono section only\$3,390

Vintage MkII Tube Preamplifier

5 line-level inputs; phono input; tape loop; 2 main outputs; defeatable tape outputs. Class A triode-tube design; non-magnetic chassis. Tube cage and balanced outputs optional. 6 1/4 x 18 x 14 in; 30 lb\$2,490
Vintage Line Stage MkII. As above, without phono stage. 6 1/4 x 18 x 9 in; 27 lb\$1,890

Model 21.1 Tube Phono Preamplifier

Features Class A triode-tube design; non-magnetic chassis. Auto turn-on muting; front panel adjustment of cartridge load impedance and capacitance; adjustable gain. High-gloss black faceplate. 18 x 3 1/2 x 11 in; 12 lb\$1,490

Model 20.1 Tube Preamplifier

4 line-level inputs; tape loop. Class A triode-tube design; dual power transformers; non-magnetic chassis. Auto turn-on muting; defeatable tape outputs. Gloss black faceplate. 18 x 3 1/2 x 11 in; 10 lb\$1,290

VACUUM TUBE LOGIC

The following feature a 5-year warranty.

VTL PR-9 Phono Preamplifier

MM or MC phono inputs. Features dual-mono construction. S/N 105 dB\$4,290

VTL PR-1 Phono Preamplifier

4 switchable MM/MC phono inputs. Features dual-mono construction. Mute switch. FR 10-200,000 Hz; THD 0.005%; S/N 97 dB\$2,990

VTL TL-5 Tube Preamplifier

Line-level inputs. Features separate tube-regulated power-supply chassis; dual-mono construction. FR 10-200,000 Hz; THD 0.005%\$2,490

VTL TL-2 Preamplifier

4 line-level inputs. FR 10-200,000 Hz; THD 0.007%\$990

VTL TP-2 Phono Preamplifier

MM/MC phono input. Impedance selections of 40, 250, and 47 kilohms\$890

WADIA DIGITAL

Wadia 9 Digital Preamplifier

3 ST glass fiber-optic digital inputs; balanced and unbalanced analog outputs. Features two custom-made 22-bit D/A converters; separate power supply; digital volume control. Processor 17 x 3 1/2 x 14 in. Power supply 17 x 3 1/2 x 9 in\$13,500

Wadia 25 Digital Preamplifier

2 ST glass fiber-optic, 1 EIAJ plastic fiber-optic, 2 SPDIF BNC coaxial, and 1 AES/EBU XLR digital inputs; balanced and unbalanced analog outputs. Features two custom-made 21-bit D/A converters. Digital volume control. 17 x 3 1/2 x 16 in; 26 lb\$4,750

Wadia 26 Digital Preamplifier

Glass, plastic, coaxial, and AES/EBU digital inputs; balanced and unbalanced outputs. 13 1/4 x 3 1/2 x 13 in; 11 lb\$2,750

WOODSIDE

SC26P Tube Preamplifier

6 line-level inputs; 2 main outputs; 2 buffered tape outputs; switchable MM/MC phono input. Features independent voltage-regulation for each tube with discrete solid-state regulators; 10 tubes for power supply; glass-sealed relay-controlled input switching; solid-core silver-plated wiring; metal-film resistors; polypropylene and polystyrene capacitors. S/N 80 dB phono, 85 dB line; THD 0.1%. 17 x 3 1/2 x 14 in\$3,495
 As above, without phono inputs\$2,495

SC27P Tube Preamplifier

4 line-level inputs; MC phono input; tape monitor. Features 5 vacuum tube for power supply with independent voltage regulation for each tube; glass-sealed reed-relay input switching. S/N 70 dB phono, 85 dB line; THD 0.1%. 17 x 3 1/2 x 14 in\$1,895
 As with MM phono input only\$1,695
 SC27P without any phono input\$1,395

WRIGHT

PLT-2 Tube Preamplifier

5 line-level inputs; MM phono input; 3 selectable tape outputs; 1 fixed-level output for multiroom-distribution amplifier; 1 variable-level output for surround processor; gold-plated connectors. Features outboard power supply; military-spec metallized polypropylene oil-filled capacitors in separate choke-filtered vacuum-tube power supply with hour meter; variable feedback

controls. Bypassable bass/treble controls. Dark-oak side panels and front frame. 18 x 11 1/2 x 8 in ...\$1,450

PL-1 Tube Preamplifier

5 line-level inputs; MM phono input; tape loop; fixed-level output for multiroom distribution amplifier. Features military-spec metal-film resistors; metallized polypropylene and polystyrene capacitors. Separate channel-level preset controls. Dark-oak side panels and front frame. 18 x 13 x 9 1/2 in\$850

LGP-1 Tube Preamplifier

6 line-level inputs; 3 main outputs; tape output; processor and tape loops. Features separate-channel tube power supply; military-spec metal-film resistors; metallized-polypropylene coupling capacitors. Mono and mute switches. 16 x 13 x 7 in\$685

PH-1 Tube Phono Preamplifier

Gold-plated inputs and outputs. Self-powered MM phono preamp designed for use with Wright 70-1 integrated amp or with preamp lacking phono inputs. Oil-filled metallized polypropylene capacitors in vacuum-tube power supply. Black anodized nonmagnetic chassis with dark-oak side panels. 18 x 11 x 6 in\$450

YAMAHA

CX-1 Preamplifier

8 audio inputs; MM/MC phono input; gold-plated input; remote link for MX-1 or MX-2 amplifiers; headphone jack. Features antivibration antiresonance chassis; capacitive negative-feedback amplifier circuitry; 4-gang volume control; source direct mode; motor-driven input selector and volume control. Record-out selector. center-defeat tone controls; switchable subsonic phono filter; remote control. THD 0.002%; S/N 110 dB. 4 7/8 x 3 1/2 x 16 in; 19.3 lb\$1,199

CX-2 A/V Preamplifier

8 audio and 3 video inputs; MM/MC phono input; S-video connectors; gold-plated headphone jack; remote link for MX-1 or MX-2 amplifiers. Features antivibration antiresonance chassis; 4-gang volume control; motor-driven input selector and volume control; source-direct mode. Record-out selector; variable loudness control; center-defeat tone controls; switchable subsonic phono filter; programmable remote control. 17 1/2 x 3 1/2 x 12 1/2 in; 11.8 lb\$799

YBA

YBA offers a moving-coil phono module (\$595) that may be used with any preamp.

YBA Signature Line Preamplifier

MM/MC phono input; 5 line-level inputs; 2 main outputs; 1 tape output. Features two 200-VA transformers; thirty-two 4,700-µF capacitors; 2-piece design. FR 5-600,000 Hz; S/N 90 dB MM, 87 dB MC, 100 dB line. Each enclosure 17 1/2 x 3 x 13 1/2 in\$10,000
 Without phono input\$8,800

YBA-1 Preamplifier

MM/MC phono input; 5 line-level inputs; 2 main outputs; 1 tape output. FR 5-400,000 Hz; S/N 90 dB MM, 85 dB MC, 100 dB line. 3-yr warranty. 17 1/2 x 3 x 13 1/2 in without power supply\$5,750
 Without phono input\$5,495

YBA-2 Preamplifier

MM phono input; 5 line-level inputs; 2 main outputs; 1 tape output. Features triple potentiometers per channel; quadruple switches; discrete wiring. Available with choice of power supply. FR 5-400,000 Hz; S/N 90 dB MM, 100 dB line. 3-yr warranty. 17 1/2 x 3 x 13 1/2 in without power supply\$2,750
 Without phono input\$2,495

YBA-3 Preamplifier

MM input; 4 line-level inputs; 2 main outputs; 1 tape output. Features line module molded and wired without printed circuit boards. FR 5-400,000 Hz; S/N 90 dB MM, 100 dB line. 3-yr warranty. 17 1/2 x 3 x 13 1/2 in without power supply\$1,800
 Without phono input\$1,600

ACCUPHASE

DC-91 D/A Converter

20-bit D/A converter. HPC and Toslink fiber-optic digital inputs; HPC balanced digital input; coaxial digital inputs; balanced and unbalanced analog outputs. Phase switch; output-level control. THD 0.002% from 20-20,000 Hz; s/n 120 dB. 18 1/4 x 5 1/4 x 15 in; 49.7 lb \$15,995

ACE AUDIO

The following feature a shielded metal chassis, a fiberglass printed circuit board, 1% metal resistors, polystyrene/polypropylene capacitors, and a 2-year warranty. Custom models with different high- and low-pass slopes can be ordered. The following prices are for mail order.

Model 6000-6 Active Crossover

Crossover point set via plug-in module. Features 6-dB/oct slopes \$215

Model 6000-6-SF. Above with 18-dB/oct infrasonic filter \$240

Model 6000-6-2. Model 6000-6 with 2 different crossover points \$225

Model 6000-6-W. Model 6000-6 with low-frequency level control \$215

Model 6000-6-M. Model 6000-6 with mono low-frequency output \$215

Additional frequency modules for any of above \$33

Model 6500-DSB Active Crossover

Crossover point set via plug-in module in range from 40-199 Hz. Designed for subwoofers. Features 12-dB/oct slopes; Bessel-filter op-amp chips \$205

Model 6500-SF. Above with 18-dB/oct infrasonic filter at 15 Hz \$230

Model 6500-W. Model 6500-DSB with low-frequency level control \$205

Model 6500-M. Model 6500-DSB with mono low-frequency output \$205

Additional frequency modules for any of above \$36

Model 6000 Active Crossover

Crossover point set via plug-in module in range from 200-18,000 Hz. Features 12-dB/oct slopes; Bessel-filter op-amp chips \$205

Model 6000-SF. Model 6000 with 18-dB/oct infrasonic filter at 15 Hz \$230

Model 6000-W. Model 6000 with low-frequency level control \$205

Model 6000-M. Model 6000 with mono low-frequency output \$205

Additional frequency modules for any of above \$36

ACURUS

Act I Surround Processor

Dolby Pro Logic. 3 audio/3 video inputs. On-screen volume, balance, and switching displays \$899

ADCOM

GDA-700 D/A Converter

Dual 20-bit Burr-Brown ladder-type D/A converters. 2 RCA-coaxial inputs; Toslink fiber-optic digital input; AES/EBU XLR input; balanced-XLR and unbalanced-RCA outputs; gold-plated RCA and XLR connectors. Features Pacific Microsonics HDCD decoder; output stage with Class A biased direct-coupled proprietary op-amps; power supply on separate circuit-board assembly utilizing 2 independent transformers including toroidal for analog circuitry; 13,000-µF filter capacitor; multiple regulation stages for DC power; RFI/EMI filtering; detachable AC cord; anodized-aluminum front panel. Digital-domain phase-reverse switch; HDCD-decoding indication; LED indicators \$1,000

GDA-600 D/A Converter

Dual 20-bit Burr-Brown D/A converters. 4 inputs including Toslink fiber-optic, AES/EBU XLR, and two SPDIF RCA connectors; 1 analog output; 1 digital output. Features Crystal Semiconductor input receiver; Class A analog circuitry. Selectable digital-



AudioSource SS Five surround processor/amp

domain phase reverse. FR 0-20,000 Hz -0.5 dB; THD 0.009%; s/n 112 dB. 17 x 3 1/4 x 10 1/2 in; 12 lb ... \$750

GSP-560 Surround Processor/Amp

5 channels; 5 surround modes including Dolby Pro Logic. Amplifier rated at 80 W x 1 (center) into 8 ohms + 40 x 2 (rear). Tape loop. Features motor-driven volume control. Adjustable rear-channel time delay; remote control. FR 10-20,000 Hz -0.5 dB; THD 0.09%; s/n 100 dB. 17 x 5 1/4 x 14 1/2 in; 20 lb \$600

AMC

DAC-8 D/A Converter

1-bit D/A conversion. 3 coaxial and 1 Toslink fiber-optic digital inputs; BNC tape-loop output. Output level optimized for videodisc players. Features metal-oxide resistors. Auto clock frequency selection ... \$199

ARAGON

D2A Series 2 D/A Converter

Two Burr-Brown 20-bit D/A converters. 1 AES/EBU, 1 Toslink fiber-optic, and 2 coaxial-RCA digital inputs. Features UltraAnalog AES 21 receiver; HDCD decoding; separate transformers and power supplies for digital and analog stages. THD 0.005%; s/n 110 dBA. 19 x 3 1/2 x 11 in; 20 lb \$999

ARCAM

Xeta 2 Surround Processor/Amp

Dolby Pro Logic, Dolby 3 Stereo, Cinema EQ, and Hall modes; amp rated at 55 W x 3 (center, rear) into 8 ohms. 4 composite-video inputs; 4 audio inputs; tape-monitor loop; line-level outputs for all decoded channels including subwoofer. On-screen displays; remote control. Satin finish. 17 1/4 x 5 1/4 x 12 1/2 in; 24.4 lb \$1,150

Delta Black Box 50 D/A Converter

Burr-Brown PCM69 hybrid multiple/1-bit D/A converter. Coaxial and fiber-optic digital inputs; 2 gold-plated output pairs. Features 1% metal-film resistors; polypropylene capacitors; regulated power supplies; direct coupling. Sampling rates 32, 44.1, and 48 kHz; s/n 103 dB \$899

AUDIO ALCHEMY

DTI Pro32 Digital Jitter Filter

SPDIF BNC-coaxial digital input; Toslink fiber-optic digital input; AT&T ST fiber-optic digital input; Audio Alchemy I'S digital input; BNC-coaxial, AES/EBU, and ST-glass digital outputs. Designed for placement between source with digital output and outboard D/A converter. Features Texas Instruments 32-bit DSP providing resolution enhancement; selectable HDCD-compatible, 16-bit, 18-bit, or 20-bit dither; external power supply; 11 separate power regulators. Nonvolatile settings and input memory; phase-

reverse switch. Upgraded power supply optional. 5-yr parts-and-labor warranty. 8 1/2 x 6 x 2 in ... \$1,595

DDE v3.0 D/A Converter

Dual 20-bit Analog Devices D/A-converter chips. SPDIF BNC-coaxial, Toslink-fiber-optic, and Audio Alchemy I'S digital inputs; coaxial digital output; analog RCA outputs. Features Pacific Microsonics HDCD digital filter with auto HDCD-disc detection and filter engagement; each D/A-converter chip operating off 4 independent separately regulated power supplies; discrete FET current-to-voltage converter; hybrid Class A complementary output stage. Input selector; phase-reverse switch; volume and mute controls. RW-1 remote control, Intel microprocessor, upgraded power supply, or ST glass fiber-optic digital input optional. THD 0.05%. 5-yr parts-and-labor warranty. 8 1/2 x 6 x 2 in \$799

DTI v2.0 Digital Jitter Filter

SPDIF BNC-coaxial digital input; AES/EBU XLR digital input; Toslink fiber-optic digital input; BNC-coaxial and AES/EBU digital outputs; Audio Alchemy I'S digital output. Designed for placement between source with digital output and outboard D/A converter. Features dual-PLL clock recovery system; 11 separate power regulators; external power supply; 20-bit internal processing. Phase-reverse switch. Upgraded power supply, ST glass fiber-optic digital input, or ST glass fiber-optic digital output optional. 5-yr parts-and-labor warranty. 8 1/2 x 6 x 2 in \$599

DDE v1.1 D/A Converter

Coaxial digital input; Toslink fiber-optic digital inputs; analog outputs: coaxial digital output; Audio Alchemy I'S digital output. Features Analog Devices op-amp combined with discrete transistors; Class A complementary output stage; 18-bit resolution; external power supply. Upgraded power supply optional. THD 0.1%; s/n 86 dB. 5-yr parts-and-labor warranty. 8 1/2 x 6 x 2 in; 1.5 lb \$495

DTI Plus Digital Jitter Filter

Toslink fiber-optic digital input; coaxial digital input. Designed for placement between CD player/transport with a digital output and an outboard D/A converter. Features double-PLL jitter attenuator; external DC power supply; 3 stages of internal DC-voltage regulation. Auto input selection; LED lock indicator. Upgraded power supply optional \$295

DITB D/A Converter

Multiple-bit D/A conversion. Coaxial digital input; Toslink fiber-optic digital input; RCA outputs. Features 18-bit resolution; 2nd-order analog filter; 2nd-order digital noise shaping; external power supply. s/n 100 dBA. 5-yr transferrable parts-and-labor warranty \$295

DAC-Man D/A Converter

Toslink fiber-optic digital input; coaxial digital input.

Features Crystal Semiconductor input receiver; Crystal Semiconductor D/A-converter chip; Class A line driver; extruded chassis; 5 stages of DC-voltage regulation; external DC power supply. Auto input selection. Includes Tara Labs 1-m analog output cables. Upgraded power supply optional\$159

AUDIO ARTISTRY

Wotan Active Crossover

Designed for use with Audio Artistry Dvorak Subwoofer and conventional speakers. Crossover point fixed at 100 Hz. External power supply\$1,595

AUDIOCONTROL

The Rialto Home Theater EQ Crossover

7 channels. Provides equalization/filtering for left, center, right, left-rear, right-rear, and stereo-subwoofer channels. 11 EQ bands with center frequencies 1/2-oct apart from 160-16,000 Hz (front, center); 7 EQ bands with center frequencies 1/3-oct apart from 25-100 Hz (subwoofer); 5 custom EQ bands for rear. Features switchable +12-dB gain stage with level controls on all outputs; programmable 24-dB/oct Linkwitz-Riley crossover; programmable 18-dB/oct infrasonic filter. Switchable widened-soundstage mode for front L/R speakers. THD 0.008%; S/N 113 dB. 5-yr warranty\$579

C-131 30-Band Graphic EQ

Mono. 1/3-oct center frequencies from 20-20,000 Hz; ±15-dB boost/cut. Balanced-XLR and unbalanced-RCA inputs and outputs. 18-dB/oct infrasonic filter switchable at 15, 25, or 35 Hz. THD 0.002%; S/N 112 dB. 5-yr warranty\$529

C-101 Series III 10-Band Graphic EQ/Analyzer

Center frequencies at 32, 60, 120, 250, 500, 1,000, 2,000, 4,000, 8,000, and 16,000 Hz; ±15-dB boost/cut. Tape loop. Real-time spectrum-analyzer; pink-noise generator; 18-dB/oct infrasonic filter at 20 Hz; switchable fast or slow display speed; switchable 2- or 4-dB display steps; display level control; auto mic/line switching; tape EQ switch. Includes lab-grade mic. THD 0.005%; S/N 120 dB. 5-yr warranty\$459

Richter Scale Series III 6-Band Subwoofer EQ/Crossover

Center frequencies at 22.5, 31.5, 45, 63, 90, and 125 Hz; ±12-dB boost/cut. 2-channel crossover output; mono and inverted-mono low-pass outputs; gold-plated connectors. Designed for subwoofers. Features 24-dB/oct Linkwitz-Riley active crossover. Warble-tone analyzer; source/tape monitoring; low-frequency level control; 18-dB/oct infrasonic filter; rumble-reduction control. Includes lab-grade mic. THD 0.005%; S/N 120 dB. 5-yr warranty\$349

Ten Plus 10-Band Graphic EQ

Center frequencies at 32, 60, 120, 250, 500, 1,000, 2,000, 4,000, 8,000, and 16,000 Hz; ±15-dB boost/cut. Tape loop. Warble-tone analyzer. 18-dB/oct infrasonic filter; EQ tape switch; SPL meter with optimum-level LED. Includes lab-grade mic. THD 0.005%; S/N 120 dB. 5-yr warranty\$329

Phase Coupled Activator Series III Bass-Restoration Unit

Designed to restore original bass impact lost during production of most program sources and movie soundtracks. Line- and speaker-level inputs. Features 24-dB/oct Linkwitz-Riley active crossover; bass time-alignment circuit. Programmable infrasonic filter. THD 0.005%; S/N 118 dB. 5-yr warranty\$299

Ten Series Two 10-Band Graphic EQ

Center frequencies at 32, 60, 120, 250, 500, 1,000, 2,000, 4,000, 8,000, and 16,000 Hz; ±15-dB boost/cut. Tape loop. 18-dB/oct infrasonic filter; EQ tape switch. THD 0.005%; S/N 120 dB. 5-yr warranty\$229

The Architect 6-Band EQ/Optimizer

Designed for in-wall and bookshelf speakers. Center frequencies at 45, 150, 300, 700, 2,500, and 12,000 Hz; ±12-dB boost/cut. Tape loop. Features program-

mable low-frequency filter. THD 0.005%; S/N 120 dB. 5-yr warranty\$189

AUDIO DESIGN ASSOCIATES

SSD-66THX Surround Processor

6 channels. Dolby Pro Logic, music, and THX modes. Serial data communication port for integration with System 3000 multiroom setup. Auto input balance; auto mono enhancement; digital volume control; 4-quadrant vector-scope volume-level indication. 19 x 1 1/4 x 16 1/2 in\$2,999

SSD-66. As above, without THX controller ...\$1,799

AUDIOFILE HOME THEATER

MTVS-1 Surround Processor/Amp

Dolby Pro Logic, Hall, and Matrix surround modes; amp rated at 30 W x 2 (center, rear). Line-level inputs; line, center-channel, and rear-channel outputs; tape loop; subwoofer output. Phantom center-channel mode; switchable 30/50-ms digital time delay; remote control\$230

AUDIOLAB

Model 8000DAC D/A Converter

20-bit upgradable Bitstream converter. 3 coaxial and 3 fiber-optic digital inputs; 2 analog and 1 digital outputs; balanced XLR AES/EBU input. Features auto electronic muting; 9 power supplies; multiple-layer printed circuit board; linear-phase analog output filters. Phase-reverse switch. S/N 100 dB. 17 1/2 x 3 x 13 in; 15 lb\$1,195

AUDIOMECA

Elixir I D/A Converter

1-bit PDM D/A converter. RCA and BNC inputs; 2 line-level RCA outputs. 2 digital inputs. Features dual-mono output stages; separate power supplies for digital and analog sections; auto locking on all sampling frequencies; auto de-emphasis; high-frequency shielding; 1% metal-film resistors; polypropylene output condensers. Indicator for lock on input data; 2 selectable output levels. THD 0.01%. Black polished Metacrylate and stainless-steel chassis. 10 x 3 1/2 x 15 1/2 in; 11 lb\$1,295

Elixir II. As above, with 2 RCA and 1 BNC digital inputs and RCA digital output. AES/EBU, AT&T, or Toslink digital inputs optional. Phase-reverse switch\$1,295

AUDIO NOTE

DAC4 Tube D/A Converter

Dual 20-bit Burr-Brown PCM63 D/A converters. Features silver wiring; Black Gate capacitors; no-feedback shunt-regulated push-pull output stage using one 6922 double triode per channel; separate analog and digital output supplies; copper chassis. 3-yr warranty\$8,895

DAC3 Tube D/A Converter

20-bit D/A conversion. 6922 vacuum tube; silver wiring; dual-duty power supply; steel chassis\$3,195

DAC2 Tube D/A Converter

20-bit D/A conversion. Features 6922 vacuum tube; 6N copper wire\$1,995

DAC1. As above, lower output level\$1,295

AUDIO RESEARCH

DAC3 D/A Converter

ST-glass and Toslink plastic fiber-optic digital inputs; SPDIF BNC-coaxial and AES/EBU XLR digital inputs; balanced and unbalanced outputs. Features balanced output derived from Delta-Sigma converter prior to final analog stage. Phase reverse, input select, and auto mute controls. S/N 90 dB. 19 x 5 1/4 x 11 1/4 in; 15.2 lb\$3,995

EC22 Active Crossover

2 way. Configurable for various crossover points. Pass-through outputs. Features solid-state design

with dual-mono circuit topology. Mute switch; auto mute. THD 0.01% at 1-V rms output. 3-yr limited warranty. 19 x 5 1/4 x 10 1/4 in; 12 lb\$2,600

SPD1 Surround Processor

5 channels. Achieves 5-channel matrix from 2-channel stereo recordings. Unbalanced and balanced inputs and outputs; full-range center and rear outputs. Selectable rear-channel delay; mute switch for center and rear channels; level controls for center, rear L/R. 19 x 3 1/2 x 11 1/4 in; 11.4 lb\$2,495

DAC5 D/A Converter

20-bit-resolution Bitstream D/A conversion. Toslink, BNC-coaxial, and AES/EBU XLR digital inputs; balanced-XLR and unbalanced outputs. Features discrete analog output stage with regulated power supply; all solid-state circuitry. 19 x 3 1/2 x 11 1/4 in; 8.5 lb\$1,995

AUDIOSOURCE

SS Six Surround Processor/Amp

Dolby Pro Logic, Hall, Matrix, Dolby 3 Stereo, and Monitor modes; amp rated at 24 x 1 (center) + 24 x 1 (rear) or 24 x 2 (rear). Subwoofer output with crossover; line-level outputs for each channel; line-level input; tape input; unprocessed line-level output; tape-record output. 30-ms digital delay; LED level meters for front, center, and rear channels; remote control; S/N 90 dB. 2-yr warranty. 16 1/2 x 2 1/2 x 9 1/2 in; 8.9 lb\$330

EQ Twelve 10-Band Graphic EQ

Center frequencies at 30, 60, 120, 240, 500, 1,000, 2,000, 4,000, 8,000, and 16,000 Hz; ±12-dB boost/cut. 4 inputs including 2 tape; 3 outputs including 2 tape. Pink-noise generator; spectrum analyzer with avg-output-level display; subharmonic filter; tape-dubbing capability; input-level controls; LED illuminated sliders; 19-in rack-mount panel with handles. Includes calibrated mic. THD 0.015%; S/N 98 dB. 19 x 4 1/4 x 10 1/4 in; 9.8 lb\$300

EQ Eleven. As above, without pink-noise generator, mic, or rack-mount design. THD 0.03%; S/N 85 dB. 16 1/2 x 2 1/2 x 7 in\$200

SS Five Surround Processor/Amp

Dolby Pro Logic, Matrix, and Hall modes; 24 W x 2 amp (selectable center and rear or both rear). Selectable normal/phantom center-channel modes; selectable 30/50-ms delay time; tape-monitor switch; test-tone generator; auto turn-on/off; remote control with master, center, and rear level controls. S/N 90 dB. 16 1/2 x 2 1/2 x 9 1/2 in\$300

SS 5001. Above with one VS One center-channel speaker, two LS Ten surround speakers, interconnect cable, and 100-ft 18-gauge speaker cable\$430



AudioControl C-101 Series III equalizer/analyzer

EQ Eight/II 10-Band Graphic EQ

Center frequencies at 30, 60, 120, 240, 500, 1,000, 2,000, 4,000, 8,000, or 16,000 Hz; ±12-dB boost/cut. 3 inputs including tape; 2 outputs including tape. Spectrum analyzer; LED-illuminated sliders. THD 0.03%; S/N 80 dB. 16 1/2 x 2 1/2 x 7 1/4 in; 5 lb\$160

AUDIO SYNTHESIS

DA-X Pro Balanced D/A Converter

Dual 20-bit D/A converters. SPDIF coaxial, Toslink fiber-optic, ST fiber-optic, and AES/EBU-balanced dig-

ital inputs. Three additional inputs optional. Sampling rates 32, 44.1, and 48 kHz; THD 0.0002%; S/N 108 dBA \$3,995
DA-X. As above, without AES/EBU bal input \$2,995

BAG END

The following are speaker processors.

ELF-1 Dual Integrator

2 channels. Provides active equalization, filtering, and system protection. Digital parameter selection in real time via 90 DIP switches. 11 lb \$2,460

ELF-M2 Dual Integrator

2 channels. 2-channel high-pass output. Cut-off and high-pass frequencies internally adjusted via plug-in resistors; continuously variable protection threshold and gain; internal switch for stereo 2-way or mono 3-way operation. 9 lb \$1,098
ELF-M. Simpler version of above \$898

BANG & OLUFSEN

AV7000 Surround-Sound Processor/Amp

4 channels. Dolby Pro Logic mode; 60-W center-channel amp. Front, center, rear, and subwoofer outputs. Integrates with all Bang & Olufsen audio systems. Features code-conversion processor for video sources. Beolink remote control programmable for video sources. Polished aluminum and glass cabinet. 16½ x 3 x 12¼ in \$2,000

BBE

BBE ARS Sonic Maximizer

Designed to enhance midrange presence by correcting speaker phase and amplitude distortion; helps restore sound quality of LP's and tapes. Separate bass contour; definition controls. THD 0.027%. 16½ x 1¼ x 8½ in \$229

BEL CANTO DESIGN

Aida D/A Converter

5th-order Delta-Sigma D/A conversion. AT&T ST and RCA coaxial inputs; balanced-xLR and unbalanced RCA outputs; pseudo-balanced outputs. Features Class A operation; proprietary anti-jitter circuitry combining analog, digital, and RF circuit techniques; series/shunt analog D/A power supplies with Wima and Muse multiple decoupling capacitors. Sampling rates 32, 44.1, and 48 kHz; THD 0.005%; S/N 120 dB. 5-yr parts-and-labor warranty. 17¼ x 2½ x 11½ in; 11.6 lb \$1,790

BITWISE AUDIO TECHNOLOGIES

Musik System 2tc D/A Converter

Four 20-bit linear D/A converters. BNC, RCA, ST fiber-optic, and AES digital inputs; balanced input; balanced-xLR and unbalanced-RCA outputs. Software upgradable. Features synchronous operation mode; Class A analog output stage; Teflon-jacketed pure-silver analog-stage wiring; dual-mono analog section; jitter-reduction reclocking and noise-reduction circuits; mechanically tuned and isolated chassis; RF-isolated 6-compartment housing; dual-cascaded parallel-distributed power regulation; balanced internal operation. THD 0.001%; S/N 90 dBA \$5,950

Musik System One MkII D/A Converter

Dual 18-bit Burr-Brown linear D/A converters. Coaxial RCA and BNC digital inputs. Features 2-piece design with separate chassis for analog and digital sections; analog phase reverse in digital domain; separate power transformers for analog and digital circuitry; 14 separately regulated power supplies; dual-mono Class A analog circuitry. THD 0.01%; S/N 98 dBA \$2,495

Musik System Zero Plus D/A Converter

Dual 20-bit D/A converters. Glass ST fiber-optic digital input. Features synchronous operation mode; dual-chassis design; Class A analog output stage; distributed jitter-reduction reclocking and noise-reduction circuits; dual-mono analog design; mechani-

cal chassis tuning and isolation; RF-isolated 2-compartment housing; dual-cascaded parallel-distributed power regulation. THD 0.01%; S/N 98 dBA \$2,150

Musik System Zero D/A Converter

Dual 20-bit upgradable co-linear D/A converters. Coaxial and fiber-optic digital inputs. Features Class A analog stage; dual-compartment chassis to shield and isolate digital and analog circuitry; separate transformers for digital and analog circuitry; absolute phase reverse in digital domain; analog section with cascaded power supplies and multiple regulation stages. THD 0.001%; S/N 98 dBA. 19 x 2¼ x 12 in; 14 lb \$1,495

BROOKLINE TECHNOLOGIES

VS401E Digital Volume Stabilizer

Provides switching for 4 A/V inputs, peak limiting, dynamic-range compression/expansion, noise gating, and ambient volume stabilization. 4 A/V inputs; rear-panel jack for multiroom systems. Features ambient volume stabilization through external microphone to change volume based on background-noise level. Dynamic range manipulation from 1:2 expansion to 99:1 compression; user input naming for display; auto turn-on selecting first source; mute control; non-volatile memory; 2 x 20 display with brightness control; remote control. Includes rack-mount kit and 2 A/V cables. 17 x 1¼ x 10 in \$730

BRYSTON

The following feature a 20-year parts-and-labor warranty.

Model 10B Active Crossover

2 or 3 way. Crossover points selectable at 40, 50, 60, 70, 80, 90, 100, 200, 250, 300, 400, or 500 Hz. Balanced inputs and outputs. Features 6-, 12-, or 18-dB/oct slopes; 24- or 36-dB/oct slopes with Linkwitz-Riley alignment in mono mode; Linkwitz-Riley filters; 1% metal-film resistors; polystyrene capacitors; gold-plated switches; discrete amplification buffer and filter stages. Independently selectable low-pass and high-pass points; switchable filter settings, roll-off frequencies, and slopes; level controls in 1-dB increments. S/N 90 dB \$1,495
 With custom cutoff points. Without balanced inputs and outputs \$1,395
 With balanced inputs/outputs. Without Linkwitz-Riley filters \$1,350
 Without Linkwitz-Riley filters or balanced inputs and outputs \$1,195

CALIFORNIA AUDIO LABS

Master Series SC-20 Tube D/A Converter

1-bit Delta-Sigma D/A conversion. Coaxial, xLR, AT&T, and Toslink inputs. Features custom jitter-reduction circuitry; dual-mono 12AX7-tube output stage; printed circuit board construction. 24-karat gold with black-nickel chassis. 11 lb \$4,500

Master Series SC-10. As above, without custom jitter-reduction circuitry, Toslink input, or xLR input optional. 10 lb \$3,000

Alpha Tube D/A Converter

1-bit Delta-Sigma D/A conversion. Coaxial, Toslink fiber-optic, AES/EBU balanced, and AT&T ST fiber-optic digital inputs. Features analog stage with two 12AX7 vacuum tubes; 18-bit resolution; jitter-reduction circuitry; tube-filament standby circuit. THD 0.02%; S/N 100 dB. 10 lb \$1,495

Sigma II Tube D/A Converter

1-bit Delta-Sigma D/A conversion. Features analog stage with one 12AX7 vacuum tube; 18-bit resolution. Coaxial and Toslink fiber-optic digital inputs. THD 0.02%; S/N 100 dB. 9 lb \$750

Gamma D/A Converter

1-bit Delta-Sigma D/A conversion. Coaxial and Toslink fiber-optic digital inputs. Features power via 12-V DC adaptor; alternator noise filter for use with car stereo. Polarity-inversion switch; backlit display. 5 lb \$295

CAMELOT TECHNOLOGY

Arthur D/A Converter

Bitstream PDM D/A conversion. Coaxial and Toslink fiber-optic digital inputs; active buffered coaxial digital output; RCA outputs; expansion port for upgrades or auxiliary products. Features DC power via user-replaceable rechargeable battery; AC operation mode; independent voltage regulation for data demodulator, D/A converter, analog stage, and support devices; 2nd-order noise shaping. Phase-reverse switch. AT&T fiber-optic digital input optional. S/N 95 dB. 2-yr parts-and-labor warranty; 90-day rechargeable-battery warranty \$1,195

The Dragon Jitter Filter

Reduces digital jitter, increases apparent resolution by adding triangular dither to signal. Coaxial, Toslink, AES/EBU, and AT&T digital inputs; coaxial and AES/EBU digital outputs. Black or silver faceplate \$1,195

CELLO

Audio Palette 6-Band Graphic EQ

Center frequencies at 15, 120, 500, 2,000, 5,000, and 25,000 Hz. 1 balanced and 3 unbalanced inputs; balanced and unbalanced outputs. Required not-included external power supply. Input-level, phase, blend, and output-level controls. THD 0.005%; S/N 80 dB. 19 x 7½ x 14¼ in; 26 lb \$18,000
 Above with 1 balanced input; 2 record outputs \$16,000
 Power supply \$3,000
 Cart with casters for Audio Palette \$650

CHASE TECHNOLOGIES

HTS-1 Surround Processor

5 channels. Dolby Surround, Ultrastereo, and Sens-Surround modes. Line-level outputs for center and rear channels. Features passive matrix design \$100

CLASSÉ AUDIO

DAC-1 D/A Converter

2 coaxial inputs; 1 balanced input; 1 Toslink fiber-optic input; 1 AT&T ST glass fiber-optic input; balanced and unbalanced outputs; coaxial digital output. Features ½-in-thick brushed contoured faceplate and top cover. Display with dimmer. S/N 120 dB. 19 x 3¼ x 14½ in; 25 lb \$3,495

COGENT

Polyphonic Isolators

The following are signal processors that extract 3 or 4 channels of spatial information from any 2-channel source. Each features direct-coupled phase-coherent circuitry, gold-plated RCA connectors, a gold-contact switch, 1% metal-film resistors, a double-weight wide-trace glass-epoxy circuit board, a dual-regulated linear power supply, and a nonmagnetic aluminum chassis.

- PN1.** 4 line-level outputs. Engraved faceplate; direct-wire bypass switch. 17 x 2¼ x 7¼ in; 3.5 lb \$990
- PN2.** As above, faceplate not engraved \$750
- PN4.** As PN2, without direct-wire bypass. 17 x 2¼ x 5½ in; 2.5 lb \$399
- PN3.** As PN4, 3 line-level outputs \$299

COUNTERPOINT

DA-10a D/A Converter

Operation requires use of one of four D/A Converter Cards listed below. 6 inputs; 2 digital tape loops. Discrete analog stage with DC coupling and servo correction; discrete current-to-voltage stage; passive 3rd-order Bessel anti-aliasing filter. Front-panel most-significant-bit control; digital tape-dubbing capability; digital phase inversion and muting \$1,895
 ST glass fiber-optic input for above \$200
 AES/EBU balanced output for DA-10a \$200

HC-808 Surround Processor

Dolby Pro Logic mode. Monitor loop. Features Roederstein resistors; Wima polypropylene capacitors; Alps

motor-driven potentiometers. Remote control. Black or silver finish. 3-yr warranty. 19 x 2 1/4 x 10 1/2 in. . . \$1,495
HC-818. 7-channel audio controller for use with above. Fixed-level outputs; two tape loops. Motor-driven volume control; discrete technology. Remote control. Black or silver. 3-yr warranty. 19 x 2 1/4 x 10 1/2 in. . . \$1,695
HC-828. Slave video switcher for use with HC-818. 5 composite/S-video inputs; 3 video-monitor outputs; video inputs for one source. Independent source selection . . . \$NA

D/A Converter Cards

One is required for the DA-10A.

Ultra Analog UA20 . . . \$1,295
 Burr-Brown BB69 . . . \$655
 Crystal Semiconductor CS18 . . . \$395
 Analog Devices AD20 . . . \$325

DB SYSTEMS

DB-3 Active Crossover

Crossover points consumer specified. Powered by optional DB-2A power supply or connection to compatible DB Systems component. Available in 2- or 3-way form with 6- or 12-dB/oct Gaussian filters, 2- or 3-way form with 18-dB/oct Butterworth filters, or 2-way form with 24- or 36-dB/oct In-phase filters. Features diode input protection. Adjustable gain control for each channel. THD 0.0008% from 20-20,000 Hz. 5-yr transferable warranty . . . \$292-\$565

DB-7 Signal Processor

Phase inverter, bandpass filter, and bridging adaptor. Powered by optional DB-2A power supply or connection to compatible DB Systems component. Buffered inputs and outputs; outputs for bridging 2 stereo amps into 2 mono amps; gold-plated connectors. Features 18-dB/oct Butterworth infrasonic filter; 18-dB/oct Bessel ultrasonic filter. Phase switching for either/both channels. THD 0.003% from 20-20,000 Hz. 5-yr transferable warranty. 6 1/4 x 4 1/2 x 2 1/4 in; 0.9 lb . . . \$205

DENON

DA-S1 D/A Converter

Four 20-bit D/A converters. AT&T ST, Toslink, AES/EBU balanced-XLR, unbalanced-RCA, and BNC digital inputs; ST Gen-Lock connector for synchronization with CD-transport master clock. Features Alpha processor for 20-bit resolution; analog output stage with Class A DC amp with FET input; balanced signal digitally calculated at D/A converter; separate digital and analog sections; separate left and right sections; linear slide motor . . . \$7,000

DA-500 D/A Converter

20-bit D/A conversion. 3 Toslink fiber-optic and 2 coaxial-RCA inputs; 1 analog RCA output; 1 selectable coaxial/fiber-optic digital output. Features Alpha processor for 20-bit resolution; conversion circuitry to eliminate zero-cross distortion. Sampling rates 32, 44.1, and 48 kHz . . . \$500

DODSON AUDIO

DAC-263 D/A Converter

Two 20-bit Burr-Brown D/A converters. BNC coaxial digital input; gold/rhodium RCA outputs. Features Pacific Microsonics HDCD filter/decoder; PLL jitter-reduction circuitry; separate power supplies for analog and digital sections; 3 digital- and 6 analog-section voltage regulators; separate regulators for left and right analog sections in dual-mono configuration; analog output buffers. Phase-reverse switch; auto sampling-rate selection; LED indicators. S/N 110 dBA. 17 x 3 x 12 in; 14 lb . . . \$1,995
 Balanced-XLR outputs . . . \$345
 AT&T ST fiber-optic digital input . . . \$215
 AES/EBU balanced digital input . . . \$125

DYNACO

QD-2/Series-II-L Surround Processor

5-channel surround and Dolby Surround modes. 5-

way binding posts. Features patented passive design. Defeated rear-channel mode; gain control; Dolby Surround contour control; direct bypass; center-channel control. Black with chrome faceplate and knobs. 8 1/2 x 2 1/2 x 8 in . . . \$140
QD-1. As above, without 5-way binding posts or chrome faceplate and knobs . . . \$75

ENERGY

EAC Subwoofer Control Unit

Controls up to two subwoofers. Line- and speaker-level inputs and outputs; 5-way gold-plated metal binding posts. Level control; independent variable high- and low-pass crossovers from 50-150 Hz; variable phase control; AV EQ . . . \$250

ENLIGHTENED AUDIO DESIGNS

The DSP-9000, DSP-7000, and DSP-1000 feature sampling rates of 32, 44.1, and 48 kHz, a FR of 0-20,000 Hz ± 0.1 dB, a S/N of 100 dBA, and a THD of 0.001%.

TheaterMaster Digital Surround Processor/ D/A Converter

Combines dual 20-bit D/A converter section with decoders for Dolby Surround AC-3, Dolby Pro Logic, and HDCD. 6 analog inputs and 6 digital (2 ST-type glass, 2 coaxial, and 2 Toslink) inputs with remote volume and switching capability; balanced outputs; switched 12-V DC and 120-V AC outlets. Modular design; matched analog circuit boards for outputs; 12 separate power supplies with multiple-stage regulation for critical analog stages; Zoran 38001 chips for Pro Logic and AC-3 decoding; AccuLinear analog design to eliminate transient distortion in current-to-voltage stage; digital flywheel rellocking circuitry for jitter reduction. Upgrade for DTS 5.1-channel format optional. Remote control. 5-yr warranty . . . \$6,995
Signature Series TheaterMaster. As above, except uses Teflon circuit boards; Vishay resistors; 20-bit A/D converters for analog inputs; Ultra Analog AES-20 digital receiver chip. Specially engraved faceplate . . . \$9,995

DSP-9000 Pro Series III D/A Converter

Four 20-bit D/A converters. 2 coaxial, 2 Toslink, 2 AT&T ST, and 2 AES/EBU balanced digital inputs; variable and balanced analog outputs; AES/EBU-balanced and coaxial digital outputs. Software or board upgradable. Features HDCD decoding; dual-chassis design; hybrid analog/digital volume control. Remote control . . . \$5,995
 Balanced output . . . \$1,000

DSP-7000 Series III D/A Converter

Four 20-bit D/A converters. Coaxial, Toslink, and AT&T ST digital inputs; fixed and balanced analog outputs; coaxial digital output. Board upgradable. Features HDCD decoding . . . \$2,495
 Balanced output . . . \$399

DSP-1000 Series III D/A Converter

Four 20-bit D/A converters. Coaxial, Toslink, and AT&T ST digital inputs; fixed analog output; coaxial digital output. Board upgradable. Features HDCD decoding . . . \$1,495

ENSEMBLE

Dichro Digital D/A Converter

Dual 20-bit D/A converters. 2 BNC and 2 RCA coaxial digital inputs; XLR digital input; balanced-XLR and unbalanced-RCA outputs. Features input stage with noise immunity; PPL-based synchronization; jitter shaping; signal reclocking. Honeyplate stand and Powerflux cable included . . . \$8,485
 Preamp version of above with addition of 2 analog RCA inputs, 3 analog RCA outputs, and 1 RCA coaxial digital output . . . \$9,995
 Above with an additional AT&T ST glass fiber-optic input . . . \$10,290

ENTEC

Number Cruncher 1.1 D/A Converter

Delta-Sigma D/A conversion. BNC input. Phase reverse. Sampling rates 32, 44.1, and 48 kHz. 2-yr limited parts-and-labor warranty. Silver or black. 19 x 2 1/2 x 15 in; 22 lb . . . \$3,995
 Goldstein power cord . . . \$375
 Reference power cord . . . \$150
 Clear-viewing metal lid . . . \$150
 75-ohm BNC-to-BNC interconnect. 1 m . . . \$100

ESOTERIC

D2 D/A Converter

Four 18-bit D/A converters. 2 coaxial and 2 fiber-optic digital inputs; balanced-XLR and unbalanced-RCA analog outputs; coaxial digital output. Features anti-vibration chassis; 45-bit digital filter with noise shaping; dithering circuitry; 18-dB/oct Butterworth analog filter; MOSFET analog-circuitry parts. Digital phase-reverse and soft-mute switches; FL display with dimmer. Sampling rates 32, 44.1, and 48 kHz; S/N 110 dB at 1,000 Hz . . . \$3,500

D10 D/A Converter

Dual 18-bit D/A converters. 2 coaxial and 2 fiber-optic digital inputs; 1 coaxial digital output; unbalanced analog outputs. Features dithering circuitry; 24-dB/oct Bessel analog filter; antiresonant double-construction chassis. Sampling rates 32, 44.1, and 48 kHz; THD 0.0018% at 1,000 Hz; S/N 100 dB at 1,000 Hz. 8 1/2 x 5 1/2 x 18 1/2 in; 22.1 lb . . . \$2,000

D700 D/A Converter

Four 20-bit D/A converters. Two coaxial and two fiber-optic digital inputs; balanced-XLR and unbalanced-RCA analog outputs; coaxial digital output. Features dithering circuitry; circuitry to reduce zero-cross distortion; 18-dB/oct Butterworth analog filter. Sampling rates 32, 44.1, and 48 kHz; S/N 110 dB at 1,000 Hz . . . \$1,350

ESOTERIC SOUND

Re-Equalizer Phono Processor

6 selectable turnover points and 6 selectable rollofs. Bypass switch. Flat, 300-Hz, 400-Hz, RIAA, LP, and 700-Hz turnovers. Flat, -5 dB, -10 dB, -12 dB, RIAA, and NAB rollofs. THD 0.02% . . . \$310
Vintage. Mono preamp version of above with vertical/lateral switch. No bypass switch . . . \$325

HARMAN KARDON

EQ8 10-Band Parametric EQ

10-octave design. Infrasonic filter variable from 5-30 Hz; separate L/R controls with overload LED indicators; record-output EQ; tape monitoring . . . \$349

HARRISON LABORATORY

SEMOD 30-Band Graphic EQ/Crossover

Center frequencies 1/3-oct apart. Crossover points selectable from several values for 2, 3, or 4 bands. Line-level input pair; line-level output pairs for 4 bands. Features 40-dB/oct crossover slopes; reverse-power protection. Full-range-output mode; pink-noise generator and level control; variable input sens; peak indicator for each band. 30-band noise gate optional. S/N 80 dB full-range mode. 12 x 4 x 1 in . . . \$459

PFMOD4CH 2-Way Crossover

4 channels. Crossover points 100 or 200 Hz (independent front and rear high-pass filters) and selectable from 16 values from 50-200 Hz (subwoofer low-pass filter). L/R line-level front and rear inputs; L/R line-level front and rear outputs; L/R line-level subwoofer outputs. Does not require power. Features 18-dB/oct filters . . . \$90

PFMOD Active Filters

The following active crossover modules require no input power. Each features an internal 20-year battery charged by line-level input, 2 gold-plated RCA full-range inputs, 4 gold-plated RCA outputs, cross-

over-point selection via jumper settings, and 15-dB/oct slopes. Each measures 2 x 2 x 1 1/2 in.

- 2W1.** 2-way crossover for biampifying. 2 high-pass and 2 low-pass outputs. Crossover point 50, 70, 100, or 150 Hz\$60
- LP1.** Designed for subwoofer amplifiers. Two 50-, 70-, 100-, or 150-Hz low-pass outputs; 2 full-range outputs\$50
- HP1.** Designed for midrange/tweeter amplifiers. Two 50-, 70-, 100-, or 150-Hz high-pass outputs; 2 full-range outputs\$50
- HP2.** Designed for tweeter amplifiers. Two 3,500-, 4,000-, 6,000-, or 8,000-Hz high-pass outputs; 2 full-range outputs\$50

JANIS

Interphase 3AT Active Crossover

Crossover point fixed at 100 Hz. Line-level output. Designed for subwoofers. Features two high-pass and one low-pass 18-dB/oct Butterworth filters; switchable amp. Variable low-pass-filter gain; level and phase controls.\$600

JBL

SDP-1 THX Surround Processor

THX, Dolby Pro Logic, TV, Rock/Pop, Jazz, and Classical modes. RCA and composite-video inputs for 3 A/V sources; line-level inputs for 1 source; left, right, center-channel, subwoofer, 2 side, and 2 rear outputs; composite-video output. Programmability for 45 modes including user and factory; on-screen programming; 2 remote controls. Rack-mount brackets optional. S/N 90 dBA. 17 1/2 x 3 1/2 x 14 1/2 in\$3,200

SoundEffects The Director Surround Processor

Dolby Pro Logic decoder. 25-W center-channel amp; 25-W surround amp. Volume, balance, and defeat controls\$299

JRM ENGINEERING

Model 3PBP/X8 Active Crossover

2, 3, or 4 way. High- and low-pass crossover points set via plug-in modules. Mono/stereo subwoofer outputs. Features 18-dB/oct slopes; polypropylene capacitors; gold-plated electromechanical devices; infrasonic and ultrasonic filters. THD 0.001%; S/N 94 dB\$1,575

Model 3PBP/X4. As above, 2-way only\$1,035

DA-20 D/A Converter

Single-chip dual 19-bit D/A converters for each channel. 4 digital inputs; 4 line-level analog inputs; EBU digital input and output connectors. Features 5-bit dither; 3-position user-programmable anti-alias filter; multiple-slope PLL jitter reduction. Volume, bass, and treble controls. Sampling rate variable from 25 to 50 kHz; THD 0.001%\$950

Remote 6-Band Graphic EQ

Center frequencies continuously variable between 4-50,000 Hz. Requires JRM preamp or Model 3PBP crossover as base unit. Features 2% polypropylene capacitors; gold-plated electromechanical devices. 35-dB variable loudness range; separate L/R level controls. THD 0.001%; S/N 98 dB\$855

JVC

SUA400 Surround Processor/Amp

2 channels. Dolby Surround, Hall, and Simulated-Surround modes; amp rated at 10 W x 2 rms into 8 ohms from 40-20,000 Hz with 0.5% THD. Line-level output; headphone jack. Volume controls for rear speakers; L/R calibrations and delay-time control; remote control. 1-yr carry-in parts-and-service warranty\$305

KAB ELECTRO ACOUSTICS

Souvenir VSP INL Phono Processor

EO and noise limiter for vintage 78's and mono LP's. Features scratch-noise limiter; 2-speed dynamic noise limiter; transient impulse-noise limiter for ticks,

clicks, and pops; rumble filter. 8 EQ settings; L/R balance and treble tilt controls; mono with stereo bypass mode. THD 0.07%; S/N 79 dB\$425

Souvenir VSP. As above, without transient impulse-noise limiter\$325

KENWOOD

GE-7030 13-Band Graphic EQ

Center frequencies at 40, 63, 98, 160, 250, 400, 625, 1,000, 1,500, 3,900, 6,300, 10,000, and 16,000 Hz; ± 12 -dB boost/cut. Mic input; tape loop. Frequency shuttle dial; 6 presets; preset curves for cars and personal stereos; m/c mixing; 27-band spectrum display\$299

KE-2060 7-Band Graphic EQ

Center frequencies at 60, 150, 400, 1,000, 2,400, 6,000, and 15,000 Hz; ± 10 -dB boost/cut. Tape loop; unswitched AC outlet. 5 factory and 5 user presets; 13-band spectrum display; FL display; system remote-control compatibility\$139

KE-894 7-Band Graphic EQ

± 10 -dB boost/cut. Tape-monitor loop; unswitched AC outlet. 5 factory and 5 user presets; 13-band spectrum display; FL display; system remote-control compatibility\$139

KE-294 7-Band Graphic EQ

± 10 -dB boost/cut. Unswitched AC outlet. Independent L/R adjustments; LED indicators\$59

KINERGETICS

KSP-2 Digital THX Surround Processor

Analog Dolby Pro Logic decoding with THX refinements; digital surround with 16-bit A/D and D/A conversion. Calibration display; remote control. Includes calibration mic. 17 1/4 x 2 x 13 1/2 in; 20 lb\$4,500

KINETIC AUDIO

The following are low-pass passive-mono designs that may be built into Kinetic Audio subwoofers.

3-Point Crossover. 60, 90, and 180 Hz. Features mid/high-pass filter. Level control\$250

4-Point Crossover. 60, 90, 180, and 350 Hz\$250

LEXICON

CP-3+ THX Surround Processor

15 modes including THX, Ambience, Reverb, Panorama, Television, and Stereo Surround. 4 inputs. Software upgradability; on-screen displays. S/N 90 dB\$3,200

LINN

Numerik D/A Converter

20-bit D/A conversion. 2 BNC digital inputs; 2 RCA output pairs. Features screened circuitry. Auto input and sampling-rate selection with indicators. Sampling rates 44.1 and 48 kHz\$2,595

MACH 1 ACOUSTICS

DMS Reference D/A Converter

20-bit D/A converter. Toslink, coaxial, and balanced digital inputs; fixed and balanced analog outputs. FR 20-20,000 Hz ± 0.01 dB; THD 0.01%; S/N 105 dB\$2,395

DMS Standard. As above, lower-grade components and circuitry\$1,895

MARCHAND

XM26-AA Tube Active Crossover

2 way. Crossover frequency selectable via plug-in modules from 20-5,000 Hz. Gold-plated connectors. Features 24-dB/oct filters; 1% metal-film resistors and polypropylene capacitors; regulated power supply for plate and filament; four 12AX7A tubes per channel; turn-on/off protection. 12-position calibrated

rotary switch L/R level controls for high- and low-pass; sum switch for common subwoofer operation. 17 x 3 x 9 in\$599

Kit version\$399

XM6-A Active Crossover

2 way. Crossover point selectable from 20-5,000 Hz in 163 steps. Low- and high-pass outputs. Features 24-dB/oct filters. L/R level controls; damping control; digital LED crossover-point display; phase switch for each low-pass channel; remote frequency selector with 15-ft cable. 17 x 3 x 9 in\$495

WM8-AA Bass Equalizer

Extends low-end frequency response of acoustic-suspension speakers one to two octaves. 4 RCA inputs and outputs. Features rumble filter; infrasonic filter at 20 Hz. Adjustable bass boost and damping; bypass switch. 17 x 3 x 9 in\$399

WM8-KK. Kit version\$249

XM16-AA Active Crossover

2 way. Crossover frequency selectable via plug modules from 20-5,000 Hz. Gold-plated connectors. Features 48-dB/oct filters; 1% metal-film resistors and polystyrene capacitors. L/R level controls for high- and low-pass; sum switch for common subwoofer operation. 17 x 3 x 9 in\$349

XM16-KK. Kit\$299

XM16L-AA. As XM16-AA, with 12-position calibrated switched attenuators for level control and higher-grade op-amps\$549

XM16L-KK. XM16L-AA kit\$399

XM9-AA Active Crossover

2 way. Crossover frequency selectable via plug modules from 20-5,000 Hz in 163 steps. Gold-plated connectors. Features 24-dB/oct filters; 1% metal-film resistors and polystyrene capacitors. L/R level controls for high- and low-pass; sum switch for common subwoofer operation; damping control\$299

XM9-KK. Kit version\$249

XM9L-AA. As XM9-AA, with 12-position calibrated switched attenuators for level control and higher-grade op-amps\$499

XM9L-KK. Kit version of XM9L-AA\$349

MARK LEVINSON

No. 30.5 D/A Converter

20-bit D/A converter. 4 AES/EBU, 2 SPDIF, 2 fiber-optic digital inputs. HDCD compatible. Features FIFO data reclocking system; two towers each containing analog circuitry for one channel with isolation from digital circuitry; separate power supplies for digital or analog left and right channels. Microprocessor-based user interface\$15,950

No. 35 D/A Converter

20-bit D/A converter. 2 AES/EBU, 2 SPDIF, 2 EIAJ, and 1 ST fiber-optic outputs. HDCD compatible. Features four separately shielded compartments for power supplies, digital signal processing, audio conversion, and output stages\$7,950

No. 36 D/A Converter

20-bit D/A conversion. 2 AES/EBU, 1 SPDIF RCA, 1 SPDIF BNC, 1 ST fiber-optic, and 1 EIAJ fiber-optic digital inputs; balanced and unbalanced outputs. FIFO reclocking system. HDCD compatible\$3,995

McCORMACK

DAC-1 D/A Converter

Coaxial and Toslink fiber-optic digital inputs; analog output. Features separate analog and digital sections including circuit boards, power supplies, and transformers. AT&T ST fiber-optic input optional\$995

McINTOSH

MQ108 7-Band Parametric EQ

Center frequency selections: 20, 25, 31.5, 40, 50, 63, 80, 100, 125, 160, 200, 250, 315, 400, 500, 630, 800, and 1,000 Hz; ± 15 -dB boost/cut. THD 0.002%; S/N 105 dB\$500

MELOS

MAX-3 Tube D/A Converter

1-bit D/A conversion. 1 fiber-optic and 2 coaxial digital inputs; balanced and unbalanced outputs. Features 2-chassis design with one chassis for digital section and power supply and other chassis for tube analog section\$2,795

MERIDIAN

Model 565 Digital Processor

Analog input; coaxial and fiber-optic digital inputs; 8 coaxial digital outputs; 8 analog outputs; composite-video input and output; RS-232 control interface. Features two Motorola DSP chips upgradable to 4; 16-bit Delta-Sigma A/D conversion; four 18-bit Delta-Sigma D/A converters. Variable analog-input sens; on-screen displays; 12-character alphanumeric display. 12½ x 3½ x 13 in\$3,595

Model 563 D/A Converter

1-bit D/A conversion. 3 coaxial, 1 fiber-optic, and 1 AES/EBU XLR inputs; balanced and unbalanced analog outputs. Features 18-bit filter. Phase switch; illuminated indicators for EQ, lock, and phase. 12½ x 3½ x 13 in\$1,395



Mirage LFX-2 active crossover

MICROMEGA

Trio 3 BS D/A Converter

Two 1-bit D/A converters. 2 coaxial, 1 AES/EBU, and 1 Toslink digital inputs; balanced and unbalanced outputs. Features onboard power supply with 5 transformers including 2 for use with Trio 3 CD transport. Phase selector; input monitoring. Sampling rates 32, 44.1, and 48 kHz; S/N 96 dB. Converter or power supply 13 x 2½ x 12½ in; 18 lb\$4,595

Duo Pro 2 D/A Converter

Two 1-bit D/A converters. 2 coaxial, 1 AES/EBU, and 1 Toslink digital inputs; balanced and unbalanced outputs. Phase selector; input monitoring. Sampling rates 32, 44.1, and 48 kHz; S/N 96 dB. 13 x 2½ x 12½ in; 10 lb\$1,995

T DAC. As above, single 1-bit D/A converter. 8½ x 3½ x 12½ in; 8 lb\$1,195

Duo BS2 D/A Converter

1-bit D/A conversion. Coaxial digital input; unbalanced output. Phase switch. Additional AES/EBU or Toslink input optional. Sampling rates 32, 44.1, and 48 kHz; S/N 96 dB. 3¼ x 3½ x 12½ in; 4 lb\$895

Variodac 2 D/A Converter

1-bit D/A conversion. Coaxial and Toslink digital inputs; 3 line-level inputs; tape output; unbalanced output. Features tape monitoring; remote phase-reverse and volume controls. Sampling rates 32, 44.1, and 48 kHz; S/N 96 dB. 8¾ x 2¼ x 6 in; 3 lb\$895

DAC D/A Converter

Two 1-bit D/A converters. AES/EBU, coaxial, and Toslink digital inputs; balanced and unbalanced outputs. Features multiple transformers including one for each output channel. Phase control. Sampling rates 32, 44.1, and 48 kHz; S/N 96 dB. 17 x 3½ x 11½ in; 9 lb\$895

Microdac D/A Converter

1-bit D/A conversion. Coaxial and Toslink digital inputs; unbalanced output. Auto input selection. Sampling rates 32, 44.1, and 48 kHz; THD and S/N 90 dB. 8¾ x 2¼ x 6 in; 3 lb\$455

MIRAGE

LFX-3 Active Crossover

2 way, 3 channels. Crossover point selectable at 50, 63, 80, or 100 Hz. Designed to control up to 3 subwoofers with mixing matrix. Phase switch; crossover-bypass switch; infinitely variable center-channel control; remote function. Black anodized aluminum finish. 17 x 9 x 2½ in; 6.5 lb\$700

LFX-2. As above, 2 channels for controlling up to 2 subwoofers. 17 x 9 x 2½ in; 6.3 lb\$500

LFX-1. 2-ch control unit for any subwoofer\$199

MORDAUNT-SHORT

Decoder One Surround Processor/Amp

Dolby Pro Logic mode; center- and rear-channel amps rated at 20 W into 8 ohms. Line-level front, center, rear, and subwoofer outputs; tape loop. Features 12-dB/oct crossover at 250 Hz; short-circuit and thermal protections. Phantom center-channel mode; test-tone generator; center, rear, and master level controls. 2-yr warranty\$599

MSB TECHNOLOGY

Platinum PS-1 D/A Converter

Dual-differential ladder-type D/A conversion. AT&T glass, XLR, and RCA digital inputs; balanced-XLR and analog-RCA outputs. Features fully balanced design; built-in EMA isolation plates. 3-way front-panel switching. 18½ x 2½ x 16½ in\$6,390

Gold PS-1 D/A Converter

Proprietary ladder-type D/A conversion. Coaxial digital input; 2 outputs. Features power supplies with multiple shielding; built-in EMA isolation plate; phase-reverse switch. 18½ x 2½ x 16½ in\$3,395

AT&T glass and 2nd-RCA inputs for above\$440

Balanced-XLR and either RCA or AT&T glass inputs for Gold PS-1\$440

Silver PS2 D/A Converter

1-bit D/A converter. RCA coaxial, AT&T glass, and balanced-XLR digital inputs; 2 outputs. Features power supplies with multiple shielding; built-in EMA isolation plate; phase-reverse switch. 3-way front-panel input switching. 18½ x 1¼ x 16½ in\$1,895

MUSE

Model Two D/A Converter

20-bit D/A converter. 2 SPDIF digital inputs; unbalanced and balanced analog outputs. Features jitter-reduction circuitry; design with all digital signals treated as transmission lines; modular internal construction with separate printed circuit boards and shielding; output buffer for single-ended and differential analog outputs. AES/EBU digital input optional \$1,700

Above with AES/EBU input\$2,000

MUSEATEX

BIDAT D/A Converter

1-bit D/A conversion. Toslink, RCA, AT&T ST, and AES/EBU inputs; balanced and unbalanced outputs. Volume control optional\$1,999

IDAT 44 D/A Converter

1-bit D/A conversion. Features C-Lock anti-jitter circuitry. Toslink and RCA inputs\$999

MUSICAL DESIGN

DAC One D/A Converter

Dual 18-bit D/A converters. 2 coaxial inputs. HDCD compatible. Features RS-422 data receivers plus jitter-reducing digital input receiver; separate power transformers for digital and analog circuitry; 8 regu-

lated power supplies. Phase switching. Sampling rates 32, 44.1, and 48 kHz\$995

MUSIC REFERENCE

RM-3 Active Crossover

3 way. Crossover points selectable from 40-10,000 Hz via plug-in modules. Features selectable slope alignment including Butterworth, Bessel, and Chebyshev. S/N 100 dB\$1,200

NAD

Model 910 Surround Processor

6 channels. Dolby Pro Logic, Club, Hall, and Stadium surround modes. 3 A/V inputs: left, right, center, 2 rear, and subwoofer line-level outputs. Features Sibilance Filter to reduce hiss and improve tonal balance; CDR for automatically raising volume of low-level passages without affecting louder ones. Super Stereo mode to add center-channel fill to stereo listening; processor-bypass mode\$599

NAIM

S-NAX03-6 Active Crossover

3-way. User-specified crossover points; 18-dB/octave slopes. Designed for flat-response speakers.\$1,400

S-NAX02-4. As above, 2 way\$1,400

NuREALITY

The following use patented SRS circuit to deliver three-dimensional surround sound from two loudspeakers.

Vivid 3D Theater Signal Processor

Space and center ambience-level controls; bypass mode. Volume control; LED display; remote control. S/N 90 dB. 16½ x 2¼ x 9¼ in; 8.5 lb\$250

Vivid 3D Studio Signal Processor/Amp

Amp rated at 6.5 W x 2 rms. Line- and speaker-level outputs. Features space and center ambience-level controls; bypass mode; volume control; LED display. 5 x 8 x 5 in; 2.5 lb\$150

Vivid 3D Plus Signal Processor

Designed for portable-audio, multimedia or video-game applications. Features space and center ambience-level controls; bypass mode; volume control. 4 x 1 x 5 in; 0.5 lb\$80

ONKYO

ES-600PRO Surround Processor/Amp

Dolby Pro Logic, Dolby Surround, Dolby 3 Stereo, Hall, and Stadium modes; amp rated at 50 W x 1 (center) + 20 x 2 rms (rear). Features discrete output stages. Wide and phantom center-channel modes; adjustable digital rear-channel delay; master-volume and input-balance controls; FL display; programmable remote control. THD 0.09%. 18 x 3½ x 12½ in; 13.9 lb\$425

Integra EQ-35 12-Band Graphic EQ

Center frequencies at 16, 32, 64, 125, 250, 500, 1,000, 2,000, 4,000, 8,000, 16,000, and 32,000 Hz; switchable 6- or 12-dB boost/cut. 10-tone signal generator with step and sweep modes; signal-flow display; LED level indicators. THD 0.01%. 17½ x 3½ x 14½ in; 10 lb\$385

EQ-201 7-Band Graphic EQ/Analyzer

Center frequencies at 64, 160, 400, 1,000, 2,500, 6,300, and 16,000 Hz; 12-dB boost/cut. Tape loop. Spectrum analyzer; EQ defeat; LED level indicators. THD 0.01%. 18 x 3½ x 12 in; 7.5 lb\$270

EQ-101. As above, no spectrum analyzer\$180

CPTIMUS BY RADIO SHACK

Model 31-2030 10-Band Graphic EQ/Analyzer

±12-dB boost/cut. Features image enhancer circuit to widen soundstage; tape dub/monitor controls; EQ-bypass button; FL spectrum analyzer\$130

PARAMOUNT PICTURES

DPL-2 Surround Processor

Dolby Pro Logic. L/R front, center-channel, L/R rear, and subwoofer output. Test-tone generator; adjustable delay; center-channel volume, fader, and master-volume controls; wireless remote control\$300
FX-3300. As above, with rear-channel amplifier rated at 25 W x 2 rms\$330

MX-1 Surround Processor

5 channels; Theater, Rear, and Front modes. Surround-volume control\$130

PARASOUND

D/AC-2000 D/A Converter

UltraAnalog D20400-A 20-bit D/A converter. Two coaxial digital inputs; AT&T ST and AES/EBU digital inputs; balanced and unbalanced outputs. HDCD compatible. Features AES-21 digital input receiver; PMD-100 HDCD filter; analog op-amps\$1,995

D/AC-1600HD D/A Converter

4 Burr-Brown PCM63K 20-bit D/A converters. One coaxial, 1 Toslink, 1 AT&T ST, and 1 AES/EBU digital inputs; balanced XLR outputs. HDCD compatible. Dual-differential circuits; PMD-100 HDCD filter; 3 power supplies; 9 regulators. Polarity-reverse switch\$1,450

D/AC-1500 D/A Converter

4 Burr-Brown PCM 63P-K 20-bit D/A converters. AT&T ST, Toslink, and 2 coaxial digital inputs; balanced analog outputs; XLR connectors; digital record output. Features 3 separate power transformers; 9 regulators; dual-mono dual-balanced dual-differential design; Crystal CS8412 receiver. Polarity-reverse switch\$1,295

D/AC-1100HD D/A Converter

2 Burr-Brown PCM63J 20-bit D/A converters. Two coaxial, 1 Toslink, and 1 AES/EBU digital inputs; digital record output. HDCD compatible. Features 3 power supplies; 9 regulators; Crystal CS8412 input receiver; PMD-100 HDCD filter. Polarity-reverse switch\$950

D/AC-1000 D/A Converter

2 Burr-Brown PCM 63P-J 20-bit D/A converters. AT&T ST, Toslink, and coaxial digital inputs; digital recording output; gold-plated RCA connectors. Features 3 separate power transformers; 9 regulators; de-emphasis circuit with indicator. Polarity-reverse switch; auto sampling-rate selection\$775

D/AC-850HD D/A Converter

Burr-Brown PCM67 hybrid 18-bit/1-bit D/A conversion. Two coaxial and 1 Toslink digital inputs. HDCD compatible. Features Crystal CS8412 receiver; PMD-100 HDCD filter; dual power supplies\$595

D/AC-800 D/A Converter

Burr-Brown PCM67P hybrid 1-bit/18-bit ladder-type D/A conversion. 2 coaxial and 1 Toslink digital inputs; digital recording output; gold-plated RCA connectors. Features 2 separate power transformers; de-emphasis circuit with indicator. Polarity-reverse switch; auto sampling-rate selection; auto input selection\$425

PRE-100 3-Band Band Graphic EQ

Center frequencies at 40, 80 and 140 Hz; ± 8 -dB boost/cut. Bypass switch\$140

PINK TRIANGLE

Dacapo D/A Converter

1-bit D/A conversion. Coaxial digital input; provisions for 4 input/output modules including AES/EBU, coaxial, and Toslink. Features 20-bit Burr-Brown filter; modular design for optional plug-in filters including HDCD decoder; master-clock relocking; 20 individual power regulators for digital and analog circuits; 3 PLL circuits for jitter reduction. Balanced analog output optional. Black-ash finish\$3,195
Dacapo DC. Dc power supply for above. Features microprocessor-controlled charging cycle\$3,195

Ordinal D/A Converter

1-bit D/A conversion. Coaxial digital input; provisions for 2 input/output modules. Features dual-mono Phillips DAC-7 design; 18-bit Yamaha filter; ability to accept optional plug-in filters; 3 PLL circuits with 20 voltage regulators for digital and analog circuits; removable printed circuit board that can be installed in Cardinal CD transport\$1,795

PIONEER

SP-99D Dolby Surround AC-3 Processor

Dolby Surround AC-3, Dolby Pro Logic, SFC Theater 1, Theater 2, and Hall modes. Coaxial and fiber-optic digital inputs; RF input for Dolby Surround AC-3; 2 front, 2 center, 2 rear, and 2 subwoofer outputs. Features DSP; 6-channel 18-bit D/A converter. Speaker-setting function; adjustable center/rear-channel delay; bass enhancer; crossover control; master volume control; system remote control\$1,530

GR-777 10-Band Graphic EQ

Center frequencies at 32, 64, 125, 250, 500, 1,000, 2,000, 4,000, 8,000, and 16,000 Hz; ± 10 -dB boost/cut. Heavy, Clear, Soft, Visual, and Vocal preset curves; 5 user presets; 10-band spectrum display; SR-system remote control\$410

GR-555 7-Band Graphic EQ

Center frequencies at 60, 150, 400, 1,000, 2,400, 6,000, and 15,000 Hz; ± 10 -dB boost/cut. Tape monitor; 7-band spectrum display; defeat switch\$260

GR-470 7-Band Graphic EQ

Center frequencies at 60, 150, 400, 1,000, 2,400, 6,000, and 15,000 Hz; ± 10 -dB boost/cut. LED slider controls; defeat switch\$135

POINTSOURCE

DA100 D/A Converter

Burr-Brown 18-bit D/A converter. Toslink fiber-optic digital inputs; 3 inputs; AES/EBU inputs; SPDIF inputs; RCA inputs and outputs. Features solid-state buffered output stage. Phase-reverse switch. 19 x 2 x 12 in\$875

PROCEED

DAP D/A Converter

18-bit D/A conversion. AES/EBU, SPDIF RCA, SPDIF BNC, EIAJ fiber-optic, and ST fiber-optic digital inputs; SPDIF RCA digital output; balanced and unbalanced analog outputs. HDCD compatible. Features isolation between digital sources; fully balanced digital design. Remote-control capability\$1,995

PROTON

SD-1000 Surround Processor

7 channels. Cinema and music modes. Tape loop; left, center, and right front outputs; left, center, and right rear outputs; subwoofer output; L/R record output. Stereo-bypass selector; remote control. 16 1/2 x 2 1/2 x 9 1/2 in\$600

PS AUDIO

UltraLink Two D/A Converter

UltraAnalog 20-bit D/A converter. Coaxial, AES/EBU, AT&T ST, and Toslink digital inputs; balanced and unbalanced outputs. Features HDCD decoder; 3 separate power supplies; Class A biased discrete output stage. Auto sampling-rate selection. Sampling rates 32, 44.1, and 48 kHz. 17 x 2 1/2 x 9 in\$2,295

SL III D/A Converter

20-bit D/A conversion. AES/EBU, Toslink, and coaxial digital inputs. HDCD decoder. Features discrete Class A output buffer; 5 individual regulation stages. 17 x 2 1/2 x 9 in\$1,295

DL III D/A Converter

20-bit D/A conversion. AES/EBU, Toslink, and coaxial digital inputs. Features 3rd-order Bessel filter; discrete Class A output buffer; 5 individual regulation

stages. 17 x 2 1/2 x 9 in\$695

RANE

THX44 15-Band Graphic/Parametric EQ

4 channels. Graphic center frequencies at 80, 100, 125, 160, 200, 250, 315, 400, 500, 630, and 800 Hz for left, center, and right channels with ± 6 -dB boost/cut; 2 parametric EQ bands for each of left, center, and right channels, each with center frequency individually variable from 1,000-10,000 Hz, Q individually variable from 0.7-3.5, and ± 4 -dB boost/cut; 2 parametric subwoofer EQ bands, each individually variable from 20-80 Hz with Q variable from 0.5-2.5 and ± 6 -dB boost/cut. Line-level left, right, center-channel, and subwoofer outputs; THX DB-25 input and output; THX color-coded RCA connectors. Designed for left, center, right, and subwoofer channels in home theater system. Features external power supply. Power on/off mute; fail-safe bypass; security cover. Includes 19-in rack-mount ears. S/N 120 dB. 19 x 3 1/2 x 8 1/2 in\$1,299

SSE35 18-Band Graphic EQ

5 channels. Center frequencies 1/2-oct apart from 25-100 Hz, 2/3-oct apart from 160-16,000 Hz for left and right channels, and 1/2-oct apart from 160-16,000 Hz for center channel when used without subwoofers. Center frequencies 1/2-oct apart from 25-100 Hz for each subwoofer and 1/2-oct apart from 160-16,000 Hz for left, center, and right channels when used with one or two subwoofers. Line-level left, center-channel, and right inputs; line-level left, center-channel, right, left-subwoofer, and right-subwoofer outputs. Designed for left, center, right, left-subwoofer, and right-subwoofer channels in home theater system. Features left and right subwoofer crossovers individually switchable at 80 or 125 Hz; constant-Q bandwidths. Mono/stereo subwoofer modes; subwoofer source selector\$699

ME60 30-Band Graphic EQ

Center frequencies at 25, 31.5, 40, 50, 63, 80, 100, 125, 160, 200, 250, 315, 400, 500, 630, 800, 1,000, 1,250, 1,600, 2,000, 2,500, 3,150, 4,000, 5,000, 6,300, 8,000, 10,000, 12,500, 16,000, and 20,000 Hz; ± 12 -dB boost/cut. Unbalanced-RCA, balanced-XLR, and balanced 1/4-in inputs and outputs. Features 12-dB/oct Butterworth low-cut filters for each channel variable from 10-250 Hz; 12-dB/oct Butterworth high-cut filters for each channel variable from 3,000-40,000 Hz; constant-Q bandwidths; 2 adjustable band-limiting filters; RFI filters. Overall-gain control; passive bypass switches with LED indicators for each channel; overload indicators. 2-rack-space chassis. 19 x 3 1/2 x 8 1/2 in\$699

AC23B Active Crossover

2- or 3-way stereo or 4- or 5-way mono. Crossover points selectable from several values from 70-1,000 Hz for 2 crossover points and 190-7,000 Hz for other 2 crossover points. Balanced-XLR inputs and outputs. Features 24-dB/oct Linkwitz-Riley filters; separate power supply; infrasonic, ultrasonic, and RFI filters. Adjustable time delays for low and mid outputs; individual band muting; input and output level controls. 19 x 1 3/4 x 5 1/2 in\$529
AC23. As above, 1/2-in balanced inputs and unbalanced outputs\$499

PE17 5-Band Parametric EQ

Center frequencies each individually variable from 10-200 or 1,000-20,000 Hz with Q's individually variable from 0.03-2; +12, -15 dB boost/cut. XLR and 1/4-in inputs and outputs. Features sweepable 12-dB/oct Butterworth low- and high-cut filters with low-cut filter variable from 10-250 Hz and high-cut filter variable from 3,000-40,000 Hz; auto bypass upon power failure. Input and output gain controls; bypass switches and LED indicators for each band\$499

FAC28 Active Crossover

2-way mono. Crossover point selectable from 24 values from 50-12,000 Hz. Balanced XLR and 1/4-in inputs and outputs. Features 48-dB/oct Linkwitz-Riley filters; 24-dB/oct infrasonic filter at 15 Hz. Bypass-

able EQ band for constant-directivity horns variable from 2,100-5,400 Hz; bypassable 0-180° phase control; polarity switches and level controls for each band; band-mute switches; input and output overload LED's\$499

ME15B 15-Band Graphic EQ

Center frequencies from 25-16,000 Hz with 2/3-oct ISO spacing; selectable ±6- or ±12-dB boost/cut. XLR and 1/4-in balanced inputs and outputs. Constant-Q bandwidths; infrasonic, ultrasonic, and RFI filters. Overall-gain controls, bypass switches, and overload indicators for each channel. 19 x 1 1/4 x 5 1/2 in.\$429

ME30B. As above, 30-band mono design with center frequencies from 25-20,000 Hz with 1/2-oct ISO spacing\$419

AC22B Active Crossover

2-way stereo with subwoofer or 3-way mono. Crossover points selectable from several values from 70-3,600 Hz. Balanced-XLR inputs and outputs. Features 24-dB/oct Linkwitz-Riley crossovers; infrasonic, ultrasonic, and RFI filters; external power supply. Adjustable time delay for low and mid outputs; individual band muting; input and output level controls. 19 x 1 1/4 x 5 1/2 in.\$399

AC22. As above, 1/4-in balanced inputs and unbalanced outputs\$399

FPE13 3-Band Parametric EQ

Center frequencies individually continuously variable from 10-200 Hz, 100-2,000 Hz, and 1,000-20,000 Hz with Q's individually variable from 0.03-2; ±15-dB boost/cut. 1/4-in and balanced-XLR inputs and outputs. Features 18-dB/oct Butterworth infrasonic filter at 15 Hz. Bypass switch; variable overall gain; overload indicator\$299

ROTEL

RDP-980 D/A Converter

1-bit Delta-Sigma D/A conversion. Fiber-optic and coaxial digital inputs and outputs. Auto sampling-rate selection; phase switch; monitoring; mute; remote control. THD 0.0025%; S/N 110 dB. 17 1/2 x 2 1/2 x 12 1/2 in.\$700

SESCOM

R/S CO Active Crossover

Variable crossover point. Balanced inputs/outputs. Input- and output-level controls. 7 1/2 x 1 1/4 x 5 in.\$200

Kit version\$135

R/S LIM Limiter/Compressor

To limit or compress signal for recording. Transformer-balanced inputs and outputs; XLR connectors. Can be configured for unbalanced input/output. Input-gain, limiter-threshold, compressor-threshold, slope, release, and output-gain controls. 7 1/2 x 1 1/4 x 5 in.\$200

Kit version\$135

SHERWOOD

EQ-3050C 7-Band Graphic EQ

12 factory EQ presets; tape monitor; peak hold; switchable display level; spectrum display; display dimmer; FL display\$229

SIGNATURE TECHNOLOGIES

LPI-2 Active Crossover

2 way. Features 6-dB/oct passive high-pass filter

at 70 Hz; 18-dB/oct low-pass filter at 68 Hz; infrasonic filter. Low-frequency level control to +10 dB. THD 0.01%. Limited 5-yr warranty. 6 x 2 1/2 x 9 1/4 in; 1.8 lb\$395

SIGTECH

TF1100 Digital Signal Processor

To correct system's FR and imaging by compensating in time domain for reflections derived from room acoustics and by modifying speaker FR and phase. Digital coaxial, AES/EBU, and AT&T ST input and output. Features 250-mips architecture; individual correction for each significant reflection. 3 user presets. 20-bit analog input and output with coaxial and XLR formats optional. Price includes room measurement and calibration by dealer\$6,500

SNELL

EC200 Active Crossover

2-way. Designed for subwoofer/satellite systems. L/R stereo inputs; L/R high- and low-pass outputs; summed-mono low-pass output; gold-plated connectors. Features low-pass filters with 24-dB/oct slopes at 80 Hz; high-pass filters with 12-dB/oct slopes at 80 Hz. Class A amplification; metal-film resistors; film capacitors. Level controls. THD 0.01%. 8 1/2 x 6 x 2 1/4 in.\$299

EC300 Active Crossover

3 way. 3 gold-plated RCA inputs; 5 gold-plated RCA outputs; summed-mono low-pass output. Low-pass filters with 24-dB/oct slopes at 80 Hz; high-pass filters with 12-dB/oct slopes at 80 Hz. Level controls. THD 0.01%. 8 1/2 x 6 x 2 1/4 in.\$299

SONY

SEQ-711 7-Band Graphic EQ/Analyzer

Center frequencies at 63, 160, 400, 1,000, 2,500, 6,300, and 16,000 Hz; ±10-dB boost/cut. Features antiresonant aluminum front panel. 5 factory and 10 user presets; FL spectrum analyzer; remote control. THD 0.01% at 1,000 Hz; S/N 100 dB. 17 x 4 1/4 x 11 in; 4.7 lb\$240

SOUND CONCEPTS

SSD550 Ambience Restoration System

Designed to enhance movie surround reproduction by adding variable delay of 5 to 100 ms to rear channels in home theater system. Provides mono or stereo output from front- or rear-channel inputs. Front- and rear-channel inputs. S/N 95 dB\$975

IR2100 Image Restorer

Processor using patented acoustic-cancellation technique to restore width and depth of original stereo image. Wired remote on 15-ft cable with adjustments for speaker-position and degree of stereo enhancement. Bypass switch, and volume control. S/N 86 dB\$360

SOUNDSTREAM

DAC1 D/A Converter

Dual hybrid multiple/1-bit D/A converters. One Toslink and two coaxial digital inputs. Features design in conjunction with Krell; onboard power supply; internal switch-mode power supply with AC-generated-noise immunity; 3 separate regulated secondary power supplies for digital, control, and analog sections; discrete Class A analog section; auto de-emphasis and mute circuits; military-grade double-sided plated-through glass-epoxy circuit boards; 1% metal-film resistors. Auto sampling-rate selection. Sampling rates 32, 44.1, and 48 kHz; THD 0.01%; S/N 100 dB. D/A converter 17 x 2 x 7 1/4 in. Power supply 4 1/4 x 2 1/2 x 3 in.\$695

SPL

EQ Magix Signal Processor

Combines mic preamp, constant-Q parametric EQ



Teac D-T1 D/A converter

with variable roll-off, notch filter variable from 14-58,000 Hz, and mono version of Stereo Vitalizer described below\$1,659

Optimizer 4-Band Parametric EQ

Center frequencies variable from 10-23,000 Hz. Features variable roll-offs; proportional-Q design to maintain total acoustic energy of signal by reducing changes in signal amplitude as broader bandwidths are selected\$1,659

Stereo Vitalizer Equalization System

1/4-in input jack. Features network of interactive filters to reshape entire audio spectrum so that the listener perceives the sound as louder, clearer, and more detailed. Additional balanced-XLR input optional\$799

Classic Vitalizer. As Stereo Vitalizer, with separate controls for each channel\$999

SUMO

Theorem D/A Converter

PCM69 hybrid D/A-converter chip. Toslink fiber-optic, coaxial RCA, and RCA clock inputs. Features fully discrete analog section; Class A design; DC coupling; 6 active and 4 passive regulated power supplies; low-jitter input receiver IC; Burr-Brown digital filter; plug-in module upgrading. THD 0.004% at 2 V output; S/N 100 dB\$899

TADDEO

Antidote CD Signal Processor

2 channels. Passive device that goes between analog CD output and amplifier to remove digital-audio phase distortion. 2 x 1 1/4 x 6 1/2 in.\$169

TEAC

D-T1 D/A Converter

Double-differential Bitstream D/A conversion. 2 RCA-coaxial and 2 Toslink-fiber-optic digital inputs; line-level outputs. Features 18-bit digital filter; 3rd-order Butterworth analog filter; 5-mm-thick solid-aluminum front panel; copper main-chassis plating. S/N 110 dB. 17 1/2 x 4 1/4 x 13 1/2 in.\$900

EQA-220 10-Band Graphic EQ

Center frequencies at 30, 60, 125, 250, 500, 1,000, 2,000, 4,000, 8,000, and 16,000 Hz; ±12-dB boost/cut. Line-level input; line-level output; tape loop. 10-band spectrum display; EQ-record and bypass switches; LED slider indicators. 17 1/2 x 3 1/4 x 8 1/2 in.\$139

EQA-110. As above, without spectrum display\$99

TECHNICS

SH-GE30 Digital Signal Processor

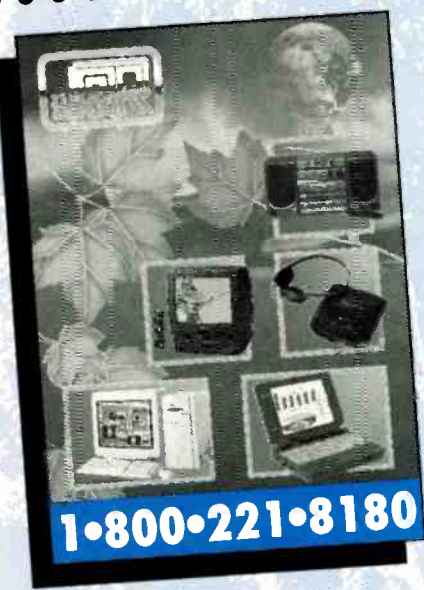
Hall, Live, Disco, Church, Stadium, and Theater surround modes; Heavy, Clear, Soft, Vocal, Headphone Stereo, and Car Stereo EQ presets. Dual mic inputs. 3-band parametric EQ with center frequencies selectable from 24 points; variable digital delay; karaoke functions including voice mute, key control, and reverb/echo; spectrum analyzer; jog dial\$350

SH-GE70 7-Band Graphic EQ

Center frequencies at 63, 160, 400, 1,000, 2,500, 6,300, and 12,500 Hz; ±12-dB boost/cut. 6 factory

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Manufacturers at the
back will tell you where
to write for literature.**

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and 6 user presets; defeat and tape-monitor switches; 2 spectrum displays selectable for EQ-level, bar, dot, or peak-hold mode\$200

SH-8038 7-Band Graphic EQ
Center frequencies at 63, 160, 400, 1,000, 2,500, 6,300, and 16,000 Hz; ±12-dB boost/cut. LED slider illumination; curve-reverse and defeat switches; tape-EQ switch; calibrated decibel scale; tape-monitor switch\$130

SH-8017KM5 7-Band Graphic EQ
Center frequencies at 63, 160, 400, 1,000, 2,500, 6,300, and 16,000 Hz; ±12-dB boost/cut. Calibrated decibel scale; illuminated LED slider for each band\$110

THETA DIGITAL

DS Pro Generation D/A Converter
Four 20-bit D/A converters. 5 digital inputs; balanced and unbalanced outputs; summed unbalanced outputs. Features 14 regulated power supplies; pure Class A discrete analog section on Teflon circuit board; 38 Vishay resistors in analog section; separately isolated digital, analog, and power-supply sections. HDCD decoding optional. THD 0.002%; S/N 120 dB\$5,595

DS Pro basic III D/A Converter
Four 20-bit D/A converters. 5 digital inputs; balanced and unbalanced outputs; summed unbalanced outputs. Features 8 regulated power supplies; glass-epoxy circuit board; analog section with 12 Vishay resistors. HDCD decoding optional. THD 0.002%; S/N 120 dB\$2,695

DS Pro Prime II D/A Converter
Two 18-bit D/A converters. 2 digital inputs; balanced and unbalanced outputs; summed single-ended outputs. Features 5 regulated power supplies; glass-epoxy circuit board; analog section with 12 Vishay resistors. THD 0.002%; S/N 108 dB\$1,495

DS Pro Progeny D/A Converter
18-bit D/A converter. 2 digital inputs. Features 5 regulated power supplies; glass-epoxy circuit board; analog section with Vishay resistors. THD 0.008%; S/N 102 dB\$995

Fidelis D/A Converter
18-bit D/A converter. 2 digital inputs. HDCD compatible. Features 5 regulated power supplies; glass-epoxy circuit board; analog section with Vishay resistors. THD 0.01%; S/N 102 dB\$800

Cobalt 307 D/A Converter
18-bit D/A converter. 2 digital inputs. Features 4 regulated power supplies; glass-epoxy circuit board; analog section with Vishay resistors. THD 0.01%; S/N 102 dB\$599

VAC

DAC MkII Tube D/A Converter
Two dual-differential 1-bit D/A converters. Two coaxial and one AT&T digital inputs; coaxial digital, unbalanced, and balanced outputs. Features Class A triode tube differential analog circuitry; passive logic; separate power supply. Status-indicator tube; auto sampling-rate selection. AES/EBU inputs and outputs optional. Sampling rates 32, 44.1, and 48 kHz. D/A converter 6 x 18 x 13 1/2 in; 28 lb\$4,490
DAC II MkII. As above, integral power supply. AT&T input optional. 6 1/2 x 18 x 14 in; 35 lb\$2,990

Model 22.1 Tube D/A Converter
Laser-trimmed 18-bit Analog Devices D/A converter. 2 coaxial inputs. HDCD compatible. Features Class A triode tube analog stage; nonmagnetic chassis. Phase-reverse switch; auto turn-on mute; compatibility with sampling rates ranging from 28 to 50 kHz; digital and analog power indicators. 18 x 3 1/2 x 11 in; 15 lb\$1,590

VISTA

DNR2ASSEM Dynamic Noise Reduction Processor
2-channel line-level input. Designed to reduce white noise and hiss. Features dynamic low-pass filter that adjusts high-frequency content of source signal; varying filter bandwidth from 1,000-35,000 Hz. 10-segment LED bar-graph indication of filter bandwidth. 1-yr parts-and-labor warranty. 5 x 1 1/2 x 5 1/4 in\$139
DNR2KIT. Above in kit form\$95

WADIA DIGITAL

Wadia 12 D/A Converter
Two 19-bit D/A converters. 4 digital inputs; balanced and unbalanced outputs. 13 3/4 x 3 3/4 x 10 3/4 in; 11 lb\$1,500

WOODSIDE

DVAC-18 Tube D/A Converter
4 coaxial digital inputs; 1 digital output; RCA outputs. Features DC-coupled tube amplifier with two 6SN7/6SL7 double triodes per channel; 16 local voltage regulators to eliminate digital and analog crosstalk. Auto sampling-rate selection from 32 to 48 kHz; phase-reverse switch; LED indicator for input signal lock. 17 x 3 3/4 x 14 in; 10 lb\$1,995

YAMAHA

DSP-E580 Digital Surround Processor/Amp
16 movie and music surround modes; digital Dolby Pro Logic mode with 35-mm Theater Surround enhancement; 70-mm Movie Theater; Animation, Classic Film, TV Theater, TV Sports, Video Game, and Karaoke modes. Amp rated at 25 W x 3 (center, rear) into 8 ohms at 1,000 Hz with 0.03% THD. Remote motor-driven master volume control; subwoofer low-pass filter at 200 Hz. Video inputs and outputs; S-video connectors; line-level outputs for L/R front, center, and L/R rear channels; subwoofer output; outputs for 2 center-channel speakers. Auto input balance; center- and rear-channel volume controls; tape-monitor switch; LED master-volume indicator; on-screen displays including 3-dimensional graphic image for speaker testing; remote control. 17 1/2 x 5 1/2 x 15 1/2 in\$699

DDP-1 Dolby Surround AC-3 Decoder
AC-3 inputs for RF, fiber-optic, and coaxial digital signals; subwoofer output. Features built-in AC-3 demodulator. Test-tone, center-mode, rear-mode, bass-output, and input-trim controls; low-frequency effect-level control; L/R rear-channel level controls; master-level control\$599

EQ-550 10-Band Graphic EQ/Analyzer
Center frequencies at 30, 60, 120, 240, 480, 1,000, 2,000, 4,000, 8,000, and 16,000 Hz; 12-dB boost/cut. Pink-noise generator; electret-condenser mic; meter-level adjust; output-level control; switchable infrasonic filter; FL spectrum analyzer. THD 0.005%; S/N 105 dB\$399

KP-300 Digital Karaoke Processor
4 audio and 2 A/V inputs. Ballad, Pops, Jazz, and Rock digital karaoke surround modes; 13-step digital key control; digital echo with level and delay controls; vocal aid to automatically mute recorded vocals upon singing. Mic optional. 11 1/2 x 5 x 11 1/2 in\$329

EQ-70 10-Band Graphic EQ
±12-dB boost/cut. Tape monitor with EQ-record function; defeat switch; LED-illuminated sliders\$199

**Terms and abbreviations
used in the listings are
defined in the Glossary.**

ACOUSTIC INTERFACE

All center speakers are magnetically shielded.

Sound Prism 3-Way Powered Speaker

24 x 52-in compression woofer driven by 18-in driver, 24-in-diameter constant-directivity compression-horn midrange, 6½-in compression-horn tweeter; woofer amp rated at 800 W rms, midrange amp rated at 300 W rms, tweeter amp rated at 100 W rms. Features wireless infrared or wired fiber-optic-digital signal transmission from line-level source; 24-dB/oct active crossover; 1½-in-thick compressed-wood cabinet; 2-in-thick concrete waveguide walls reinforced with glass and steel; fuse protection; tweeter overload protection; over-voltage, over-current, thermal, clipping, and DC protection. Crossover points 550 and 5,000 Hz; FR 10-20,000 Hz ±1 dB; sens 105 dB SPL/W/m; imp 8 ohms. Walnut/bronze or oak/stainless-steel finish. 27 x 80 x 36 in; 500 lb . . . \$15,000
Center-channel version with 15-in woofer . . . \$12,600
Satellite version with 15-in woofer . . . \$12,500
5 Sound Prisms . . . \$60,890
3 Sound Prisms and 2 surround speakers . . . \$38,950

Sound Portal 3-Way Speaker

24 x 32½-in compression woofer driven by 15-in driver, 24-in-diameter constant-directivity compression-horn midrange, 6½-in-diameter constant-directivity compression-horn tweeter. Features 24-dB/oct crossover with metal-foil capacitors and air-core coils; 1½-in-thick compressed-wood enclosure with internal bracing; 2-in-thick concrete waveguide walls reinforced with glass and steel; fuse protection; tweeter-overload protection. Midrange and tweeter level controls. Power handling 750 W rms; crossover points 800 and 5,000 Hz; FR 15-20,000 Hz ±2.5 dB; sens 101 dB SPL/W/m; imp 8 ohms. Walnut/bronze or oak/stainless-steel finish. 27 x 80 x 36 in; 400 lb . . . \$7,500
Center-channel version with 12-in woofer . . . \$5,000
Satellite version with 12-in woofer . . . \$4,900
5 Sound Portals . . . \$26,190
3 Sound Portals and 2 surround speakers . . . \$18,190

Studio Reference 3-Way Speaker

12-in woofer, 4 x 15-in compression-horn midrange, 2 x 5½-in compression-horn tweeter. Features 24-dB/oct crossover with metal-foil capacitors and air-core coils; ¾-in-thick compressed-wood cabinet with 16 separate internal braces; fuse protection; tweeter-overload protection. Midrange and tweeter level controls. Power handling 625 W rms; crossover points 880 and 5,000 Hz; FR 22-20,000 Hz ±2.5 dB; sens 98 dB SPL/W/m; imp 8 ohms. Walnut or oak finish. 16 x 60 x 14 in; 102 lb . . . \$2,190
In-wall version . . . \$1,990
Center-channel version with 8-in woofer . . . \$1,550
Satellite version with 8-in woofer . . . \$1,530
5 Studio Reference speakers and one powered subwoofer . . . \$8,690
5 In-wall Studio References . . . \$7,990
5 Studio References . . . \$7,990
3 Studio References, 2 surround speakers, and one passive subwoofer . . . \$5,590
3 Studio Reference speakers and 2 surround speakers . . . \$5,550
3 In-wall Studio References and 2 in-wall Angstroms . . . \$5,190

Professional IIs 3-Way Speaker

12-in woofer, 2-in soft-dome midrange, 1-in soft-dome tweeter. Features 6-dB/oct Butterworth crossover with metal-foil capacitors and air-core coils; ¾-in-thick compressed-wood enclosure with 12 separate internal braces; fuse protection. Midrange and tweeter level controls. Power handling 550 W rms; crossover points 800 and 6,600 Hz; FR 29-20,000 Hz ±2.5 dB; sens 95 dB SPL/W/m; imp 8 ohms. Walnut or oak finish. 16 x 36 x 14 in; 80 lb . . . \$890
In-wall version with 10-in woofer . . . \$790
Center-channel version with 8-in woofer . . . \$650
Satellite version with 8-in woofer . . . \$630
5 Professional IIs speakers and one powered subwoofer . . . \$4,650

5 in-wall Professional IIs's . . . \$3,550
5 Professional IIs's . . . \$3,290
3 Professional IIs's, 2 surround speakers, and one passive subwoofer . . . \$3,150
3 in-wall Professional IIs's and 2 in-wall Angstroms . . . \$2,490
3 Professional IIs's and 2 surround speakers . . . \$2,390
Professional III. As Professional IIs, 4-way design with 12-in woofer, 3-in dome midbass, 1½-in dome midrange, and ¾-in dome tweeter. 48-in height . . . \$1,490
In-wall version with 10-in woofer . . . \$1,190
Center-channel version with 8-in woofer . . . \$950
Satellite version with 8-in woofer . . . \$930
5 Professional III speakers and one powered subwoofer . . . \$5,990
5 in-wall Professional III's . . . \$5,350
5 Professional III's . . . \$5,190
3 Professional III's and 2 surround speakers . . . \$3,750
3 Professional III's, 2 surround speakers, and one passive subwoofer . . . \$3,690
3 in-wall Professional III's and 2 in-wall Angstroms . . . \$3,590

Transcendent 2-Way Speaker

12-in woofer, 1½-in soft-dome tweeter. Features 6-dB/oct Butterworth crossover with polypropylene-film/metal-foil capacitors; ¾-in compressed-wood enclosure with internal bracing; fuse protection. Tweeter-level control. Power handling 300 W rms; crossover point 1,900 Hz; FR 38-20,000 Hz ±2.5 dB; sens 94 dB SPL/W/m; imp 8 ohms. Walnut or oak finish. 16 x 32 x 12 in; 51 lb . . . \$490
In-wall version with 8-in woofer . . . \$490
Center-channel version with 6½-in woofer . . . \$350
Satellite version with 6½-in woofer . . . \$330
5 Transcendent speakers and one powered subwoofer . . . \$3,290
3 Transcendents, 2 surround speakers, and one passive subwoofer . . . \$2,350
5 in-wall Transcendents . . . \$2,190
5 Transcendents . . . \$1,790
3 in-wall Transcendents and 2 in-wall Angstroms . . . \$1,690
3 Transcendents and 2 surround speakers . . . \$1,390

Intimate 2-Way Speaker

10-in woofer, 1-in soft-dome tweeter. Features 6-dB/oct Butterworth crossover with polypropylene-film/metal-foil capacitors; ¾-in-thick compressed-wood enclosure; fuse protection. Tweeter-level control. Power handling 100 W rms; crossover point 5,000 Hz; FR 49-20,000 Hz ±2.5 dB; sens 93 dB SPL/W/m; imp 8 ohms. Walnut or oak finish. 12 x 24 x 10 in; 29 lb . . . \$290
In-wall version with 8-in woofer . . . \$290
Center-channel version with 6½-in woofer . . . \$215
Satellite version with 6½-in woofer . . . \$190
5 Intimates and one powered subwoofer . . . \$2,690
3 Intimates, 2 surround speakers, and one passive subwoofer . . . \$1,990
5 in-wall Intimates . . . \$1,290
3 In-wall Intimates and 2 in-wall Angstroms . . . \$1,150
5 Intimates . . . \$1,050
3 Intimates and 2 surround speakers . . . \$890

Shadow 2-Way Speaker

Cylindrical design with 8-in woofer and 1-in dome tweeter. Features ¾-in-thick resin enclosure with ¾-in-thick compressed-wood base; 6-dB/oct Butterworth crossover with polypropylene-film/metal-foil capacitors. Power handling 200 W rms; crossover point 5,000 Hz; FR 69-20,000 Hz ±2.5 dB; sens 91 dB SPL/W/m; imp 8 ohms. Black, brown, or white. 24½-in height x 8¾-in diameter; 18 lb . . . \$190
Center-channel version . . . \$250
5 Shadows and one powered subwoofer . . . \$2,690
3 Shadows, 2 surround speakers, and one passive subwoofer . . . \$1,990
5 Shadows . . . \$890
3 Shadows and 2 surround speakers . . . \$750

Angstrom 2-Way Bookshelf Speaker

6½-in woofer, 1-in soft-dome tweeter. Features 6-dB/oct Butterworth crossover with polypropylene-film/metal-foil capacitors; ½-in-thick compressed-



Thiel CS.5

wood enclosure. Power handling 50 W rms; crossover point 5,000 Hz; FR 78-20,000 Hz ±2.5 dB; sens 90 dB SPL/W/m; imp 8 ohms. Walnut or oak finish. 7½ x 12¼ x 6½ in; 10 lb . . . \$190
Charcoal-enamel finish . . . \$150
EQ with subsonic filter for either of the above . . . \$129
In-wall version . . . \$200
Walnut/oak center-channel version . . . \$215
Black center-channel version . . . \$175
5 walnut/oak Angstroms and one powered subwoofer . . . \$2,690
5 charcoal-enamel Angstroms and one powered subwoofer . . . \$2,490
3 walnut/oak Angstroms, 2 surround speakers, and one passive subwoofer . . . \$1,950
3 charcoal-enamel Angstroms, 2 surround speakers, and one passive subwoofer . . . \$1,790
5 in-wall charcoal-enamel Angstroms . . . \$890
3 in-wall charcoal-enamel Angstroms and 2 in-wall Angstroms . . . \$890
5 walnut/oak Angstroms . . . \$875
3 walnut/oak Angstrom speakers and 2 surround speakers . . . \$725
5 charcoal-enamel Angstroms . . . \$690
3 charcoal-enamel Angstroms and 2 surround speakers . . . \$625

ACOUSTIC PROFILES

FRC-Sub Powered Subwoofer

Two 10-in drivers; amp rated at 180 W rms. Features Isobarik driver configuration. Line- and speaker-level inputs; output for satellites with built-in high-pass crossover. Variable FR; volume control. FR 20-110 Hz. 12 x 18 x 22 in . . . \$799

PSL-66.2 2-Way Speaker

Two 6-in poly woofers, one 1-in ferrofluid-cooled dome tweeter. Power handling 200 W; FR 28-20,000 Hz. 8 x 32 x 11½ in . . . \$749/pr

PSL-88.6 2-Way Speaker

Two 8-in treated woofers, one 1-in ferrofluid-cooled dome tweeter. Power handling 200 W max; FR 30-20,000 Hz; sens 91 dB; imp 4 or 8 ohms. 10 x 40 x 15 in . . . \$699/pr

PSL-Sub 100 Powered Subwoofer

Down-firing 10-in injection-molded cone driver; amp rated at 100 W rms. Line- and speaker-level inputs. Switchable frequency control; volume control. FR 30-120 Hz. 18 x 18 x 18 in . . . \$599

S P E A K E R S

PSL-8.6R 2-Way Speaker

8-in treated woofer, 1-in ferrofluid-cooled dome tweeter. Power handling 160 W max; FR 35-20,000 Hz; imp 4 or 8 ohms\$529/pr

PSL-7.5 2-Way Speaker

8-in treated woofer, 1-in ferrofluid-cooled dome tweeter. Power handling 150 W peak; FR 35-20,000 Hz; sens 90 dB; imp 4 or 8 ohms. 10 x 24 x 11 1/2 in\$429/pr

PSL-6.1A II 2-Way Bookshelf Speaker

Bass-reflex design with 6-in poly woofer and 1-in treated-linen ferrofluid-cooled dome tweeter. Features mirror-image configuration. Power handling 100 W; FR 45-20,000 Hz. Black, oak, or rosewood finish. 8 x 14 3/4 x 11 1/2 in\$399/pr

FRC-1 2-Way Center-Channel Speaker

Two 6-in poly woofers, two 3/4-in ferrofluid-cooled tweeters. Features magnetic shielding. Power handling 150 W max; FR 45-20,000 Hz; sens 90 dB; imp 8 ohms\$299

PSL-Mini-Sub Subwoofer

Two 8-in drivers. Features Isobarik driver configuration; high-pass crossover. Power handling 150 W; FR 32-110 Hz; imp 4 or 8 ohms. 10 1/2 x 15 x 16 in\$299

PSL-52B 2-Way Bookshelf Speaker

Two 4 1/2-in poly woofer, 3/4-in ferrofluid-cooled dome tweeter. Power handling 90 W; FR 48-20,000 Hz; imp 4 or 8 ohms. 8 x 14 3/4 x 9 1/2 in\$229/pr

PSL-C2 2-Way Center-Channel Speaker

Two 4 1/2-in poly woofers, one 3/4-in ferrofluid-cooled dome tweeter. Features MDF enclosure. Adjustable feet. Power handling 100 W max; FR 55-20,000 Hz; sens 88 dB; imp 4 or 8 ohms\$199

PSL-FX4 2-Way Satellite Speaker

4 1/2-in poly woofer, 3/4-in ferrofluid-cooled dome tweeter. Features molded enclosure. Power handling 60 W max; FR 65-20,000 Hz; imp 4 or 8 ohms. 4 3/4 x 7 1/4 x 4 1/2 in\$179/pr

PSL-0.5 2-Way Satellite Speaker

4-in woofer, 3/4-in ferrofluid-cooled dome tweeter. Features molded enclosure. Includes speaker wire, mounting brackets, and hardware. Power handling 60 W; FR 55-20,000 Hz; imp 4 or 8 ohms. 4 3/4 x 7 1/4 x 4 1/2 in\$129/pr

High Profile Series

PSL-8835 3-Way Speaker

Two 8-in treated woofers, one 4-in poly midrange, one 1-in ferrofluid-cooled linen-dome tweeter. Features integral subwoofer chamber. Biwire/biamp terminals. Power handling 240 W max; FR 25-20,000 Hz; sens 90 dB; imp 6 ohms. 10 x 42 x 14 in\$999/pr

PSL-8825 2-Way Speaker

Two 8-in treated woofers and one 1-in ferrofluid-cooled linen-dome tweeter. Features integral subwoofer chamber. Biwire/biamp terminals. Power handling 220 W max; FR 25-20,000 Hz; sens 91 dB; imp 6 ohms. 10 x 42 x 14 in\$799/pr

PSL-8305 3-Way Speaker

8-in treated woofer, 4-in poly midrange, 1-in ferrofluid-cooled linen-dome tweeter. Power handling 180 W max; FR 35-20,000 Hz; sens 90 dB; imp 6 ohms. 10 x 35 x 11 1/2 in\$699/pr

PSL-8205 2-Way Speaker

8-in treated woofer, 1-in ferrofluid-cooled linen-dome tweeter. Power handling 170 W max; FR 38-20,000 Hz; sens 89 dB; imp 6 ohms. 10 x 36 x 11 1/2 in\$499/pr

PSL-825 2-Way Speaker

8-in treated woofer, 1-in ferrofluid-cooled dome tweeter. Power handling 150 W max; FR 40-20,000 Hz; sens 90 dB; imp 6 ohms. 10 x 20 x 11 1/2 in\$399/pr

PSL-625 2-Way Bookshelf Speaker

6-in poly woofer, 1-in ferrofluid-cooled dome tweeter. Power handling 120 W max; FR 45-20,000 Hz; sens 88 dB; imp 8 ohms. 8 x 16 x 11 1/2 in\$399/pr

Mystere Series

MSL-C3 2-Way Center-Channel Speaker

Two 5 1/4-in poly woofers, two 1/2-in ferrofluid-cooled tweeters. Features point-source driver alignment; sculptured baffle. Power handling 120 W; FR 45-20,000 Hz; sens 89 dB; imp 8 ohms\$229

MSL-1A 2-Way Bookshelf Speaker

Point-source design with 6 1/2-in poly woofer and 3/4-in ferrofluid-cooled dome tweeter. Features optically contoured sculptured baffle; elongated port diffuser. Power handling 100 W max; FR 40-20,000 Hz; sens 88 dB; imp 4 or 8 ohms. 8 1/2 x 13 1/2 x 12 in\$199

MSL-C1 Satellite Speaker

5 1/4-in poly woofer, 1/2-in ferrofluid-cooled dome tweeter. Features point-source driver alignment; sculptured baffle. FR 45-20,000 Hz; sensitivity 88 dB\$179/pr

ACOUSTIC RESEARCH

AR-303 3-Way Speaker

Acoustic-suspension design with 12-in woofer, 1 1/2-in soft-dome midrange, and 3/4-in dome tweeter. Power handling 250 W max; FR 32-20,000 Hz \pm 3 dB; sens 85 dB; imp 6 ohms. Black-laminate or cherry-wood veneer finish. 25 x 15 x 11 in; 54 lb\$1,200/pr

AR-302. As above, 10-in woofer. FR 35-20,000 Hz \pm 3 dB. 24 x 13 x 10 1/2 in; 38 lb\$1,100/pr

AR-338. As AR-303, 8-in woofer. Power handling 150 W max; FR 49-20,000 Hz \pm 3 dB; sens 86 dB; imp 8 ohms. Black or cherry vinyl-laminate finish. 19 x 10 1/2 x 9 in; 26 lb\$650/pr

AR-SW30 Powered Subwoofer

Acoustic-suspension design with 12-in driver; amp rated at 100 W x 1. Features 24-dB/oct crossover. Line- and speaker-level inputs. Phase switch; bypassable auto turn-off. Crossover point variable from 50-200 Hz. Black or cherry vinyl-laminate finish. 16 x 16 x 16 in; 49 lb\$650

AR-228 2-Way Speaker

Acoustic-suspension design with 8-in woofer and 3/4-in dome tweeter. Power handling 150 W max; FR 49-20,000 Hz \pm 3 dB; sens 86 dB; imp 8 ohms. Black or cherry vinyl-laminate finish. 17 1/2 x 10 3/4 x 9 in; 21 lb\$450/pr

AR-218V 2-Way Bookshelf Speaker

Acoustic-suspension design with 6 1/2-in woofer and 3/4-in dome tweeter. Power handling 150 W max; FR 55-20,000 Hz \pm 3 dB; sens 86 dB; imp 8 ohms. Black or cherry vinyl-laminate finish. 8 1/4 x 13 x 8 1/4 in; 16 lb\$300/pr

AR-208V. As above, 5 1/4-in woofer. Power handling 100 W max; FR 75-20,000 \pm 3 dB. 7 1/4 x 10 3/4 x 7 1/4 in; 10 lb\$200/pr

AR-205VC 2-Way Center-Channel Speaker

Acoustic-suspension design with two 5 1/4-in woofers and one 1-in soft-dome tweeter. Magnetic shielding. Power handling 120 W max; FR 65-21,000 Hz \pm 3 dB; sens 90 dB; imp 8 ohms. Black or cherry vinyl-laminate finish. 23 1/2 x 6 3/4 x 8 3/4 in; 18 lb\$230

A/D/S/

MS4 Powered Subwoofer

12-in copolymer driver; amp rated at 250 x 1 rms. Features computer-optimized bandpass cabinet; active servo amplifier control; independently selectable low- and high-pass filters with 24-dB/oct slopes. Magnetic shielding; auto turn-on; continuously variable phase control for low-pass filter. Standard and premium finishes available\$1,749

MS3. As above, 10-in driver, amp rated at 150 x 1 rms\$1,249

S700 2-Way Speaker

7 1/4-in copolymer woofer, 1-in copolymer-dome tweeter. Features 3/4-in-thick MDF cabinet; computer-optimized crossover. Power handling 200 W; sens 88 dB SPL/W/m. Premium finishes available\$799/pr

S600. As above, 6-in woofer. Power handling 150 W; FR 50-23,000 Hz \pm 3 dB\$649/pr

S500. As S700, 5 1/4-in woofer. Power handling 100 W; FR 60-23,000 Hz \pm 3 dB\$529/pr

MS2 Powered Subwoofer

8-in copolymer driver; amp rated at 85 x 1 rms. Features active-servo amplifier control; computer-optimized 3/4-in-thick MDF bandpass cabinet; low-pass filter at 100 Hz; line-level high-pass filter at 100 Hz with selectable 6- or 18-dB/oct slope; speaker-level high-pass filter at 130 Hz with 6-dB/oct slope. Polarity-reverse switch. Standard and premium finishes available\$799

MS1. As above, 7-in driver, amp rated at 65 W x 1 rms. FR 38-100 Hz \pm 3 dB\$599

AVS140 2-Way Bookshelf Speaker

4-in passive radiator, 4-in copolymer woofer, 1-in copolymer-dome tweeter. Power handling 100 W; sens 88 dB SPL/W/m\$649/pr

L400e 2-Way Speaker

6 1/2-in copolymer woofer, 1-in copolymer-dome tweeter. Features antiresonant extruded-aluminum cabinet; computer-optimized crossover. Power handling 100 W; sens 90 dB SPL/W/m\$599/pr

L300e. As above, 5 1/4-in woofer. Power handling 75 W; FR 68-23,000 Hz \pm 3 dB\$499/pr

L200e. As L400e speaker, 4-in woofer. Power handling 50 W; FR 85-23,000 Hz \pm 3 dB; sens 88 dB SPL/W/m\$399/pr

AVF144 2-Way Bookshelf Speaker

Two 4-in copolymer woofers, one 1-in copolymer-dome tweeter. Power handling 200 W; sens 89 dB SPL/W/m\$449

AW4 2-Way Outdoor Speaker

4 1/2-in copolymer woofer, 1-in copolymer-dome tweeter. Features computer-optimized crossover; all-weather design. Power handling 100 W; sens 87 dB SPL/W/m\$399/pr

In-Wall Speakers

Model 750i/L 3-Way In-Wall Speaker

7 1/4-in copolymer woofer, 1 1/2-in copolymer-dome midrange, 1-in copolymer-dome tweeter. Power handling 150 W; sens 91 dB SPL/W/m. Paintable\$999/pr

Model 700i/r 2-Way In-Wall Ribbon Speaker

8-in copolymer woofer, 7-in ribbon tweeter. Power handling 200 W max; sens 90 dB SPL/W/m; imp 8 ohms\$799/pr

Model 500i/r. As above, 6 1/2-in woofer, 5-in ribbon tweeter\$649/pr

C400i/s 2-Way In-Wall Speaker

6 1/2-in copolymer woofer, 1-in copolymer-dome tweeter. Power handling 100 W; sens 90 dB SPL/W/m. Paintable\$499/pr

C300i/s. As above, 5 1/4-in woofer. FR 50-23,000 Hz \pm 3 dB; sens 88 dB SPL/W/m\$399/pr

C80i/s 2-Way In-Wall Speaker

8-in copolymer woofer, 1-in copolymer dome tweeter. Power handling 200 W max; sens 90 dB SPL/W/m; imp 8 ohms\$349/pr

C60i/s. As above, 6 1/2-in woofer\$299/pr

R50i/c 2-Way Ceiling Speaker

5 1/4-in woofer, 1-in dome tweeter. Designed for ceiling mounting. Features multiple-element crossover network. Power handling 75 W max; sens 90 dB SPL/W/m; imp 4 ohms\$149

ADVANCED ELECTRODYNAMIC SYSTEMS

Cybele DLS-73 2-Way Speaker

Ported design with 8-in woofer and 2 x 6-in cylindri-

The Best Subwoofers In The World!

".. This sub also added a great deal of clean and subtle depth to orchestral music that has lots of lows."

".. Everything sounded great with this sub, which went all the way down to 23 Hz in my living room ... and blasted out 104 dB SPL when playing solo."

".. A bravura performance."

—Tom Nousaine, Sound & Image Magazine

Excerpted from Sound & Image Magazine, Summer 1994, "Sub-Mission." Text by Tom Nousaine. Text used with permission. For a complete test report, contact Sound & Image Magazine at 212.767.6020.

- **MS subwoofers outperform competitors products that use 20-50% larger drivers by using propriety bandpass design combined with Negative Impedance Servo feedback amplifiers.**
- **Unique port design that permit our subs to be built into custom enclosures.**
- **All MS subwoofers available in the standard dark charcoal gray, custom birch, or mahogany finish. In addition, the MS3 and MS4 are also available in the custom Ebony finish and the MS1 and MS2 in the arctic white.**



Custom finishes from top: Birch, Mahogany, and Ebony.

12 SUBS TESTED BY SOUND & IMAGE

MAKE & MODEL ...	SOUND QUALITY
a/d/s - MS3	A
Klipsch - SW-12	A
Janis - System 3A	A-
Velodyne - VA1012	B+
M&K - 90	B+
PSB - Subsonic II	B+
Triad - Thunder Silver	B+
Sonance - DL15	B
Energy - AS-180	B-
Kinergetics - 102V	B-
Infinity - SSW 10	C+
Sound Dynamics - A SUB-15	C+

a/d/s/

Sound. As it should be.

cal-waveguide tweeter. Adjustable spikes. Black-cloth finish. 14 1/2 x 44 x 10 1/2 in; 60 lb\$2,195/pr

ADVANCED SOUND

The following feature an internally braced cabinet made of veneered 3/4-in particleboard. All systems include a crossover and are covered by a 30-day in-home trial period and 3-year limited warranty. All are also available in kit form.

Bi-Polar 4-Way Speaker

Omnidirectional design with two 8-in woofers, one 4 1/2-in polypropylene midrange, one 1 1/4-in dome tweeter, and one 1-in dome supertweeter. Features pedestal cabinet; ferrofluid midrange cooling; 12-dB/oct crossovers. Biwire/biamp terminals. Crossover points 150, 1,000, 5,000, and 12,000 Hz; FR 150-22,000 Hz ± 3 dB; sens 94 dB SPL/W/m; imp 4 or 6 ohms. Oak or walnut-veneer sides, pedestal, and base; black formica-slate top. 49 1/2 x 30 x 6 in; 180 lb\$9,000/pr

Bi-Polar Powered Subwoofer

Four 10-in drivers in 2 separate tuned-port chambers; amp rated at 160 W x 2. Crossover point 150 Hz; FR 30-150 Hz; sens 94 SPL/W/m; imp 3 or 4 ohms. Pedestal cabinet with oak or walnut-veneer sides, pedestal, and base; black formica slate top. 49 1/2 x 20 x 28 in; 300 lb\$6,500/pr

Campanile II 3-Way Speaker

Tuned-port design with two 10-in long-throw woofers, one 8-in midrange in open-back isolation chamber, and one 1-in polycarbonate-dome tweeter. Features ferrofluid tweeter cooling. Midrange and tweeter level controls. Crossover points 300 and 2,500 Hz; sens 93 dB SPL/W/m; imp 3 or 4 ohms. Oak or walnut trim and black pedestal and veneer base wrapped in black or brown cloth. 49 x 13 x 20 in; 130 lb\$4,000/pr

Campanile I. As above, 8-in woofers and 4 1/2-in polypropylene-treated cone midrange, ferrofluid midrange cooling. FR 38-20,000 Hz ± 3 dB; sens 92 SPL/W/m; imp 4 or 6 ohms. Oak or walnut-veneer top; solid oak or walnut trim; black base; wrap in black or brown grille cloth. 36 x 13 x 13 in; 95 lb\$2,000/pr

Ziggurat 3-Way Speaker

Tuned-port design with 12-in woofer, 4 1/2-in polypropylene-treated cone midrange in isolation chamber, and 1-in polycarbonate-dome tweeter. Features time-aligned sloping front-baffle; ferrofluid midrange and tweeter cooling. Midrange and tweeter level controls; pedestal cabinet. Crossover points 900 and 6,000 Hz; FR 32-20,000 Hz; sens 91 dB SPL/W/m; imp 6 or 8 ohms. Black formica slate top. 41 x 18 x 16 in; 150 lb\$3,500/pr

Monolith 12P Powered Subwoofer

Tuned-port design with 12-in driver; amp rated at 100 W x 2. Designed to complement Campanile. Amplifier level controls. Crossover point 150 Hz; FR 38-150 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 6 or 8 ohms. Oak or walnut veneer top and black base wrapped in black or brown grille cloth. 22 x 20 x 20 in; 120 lb\$1,800/pr
Monolith 12. As above, without amplifier\$1,200/pr
Monolith 10 Mono. As Monolith 12, 10-in driver. FR 32-150 Hz\$1,100/pr

Cornerstone 4/8 Powered Subwoofer

Four 8-in woofers in 2 sealed tuned-port chambers; two amps rated at 60 W x 2. Designed to complement Cornerstone bookshelf speakers, Campanile I, or Campanile II. Amplifier level controls. Crossover point 150 Hz; FR 45-150 Hz; sens 94 dB SPL/W/m; imp 3 or 4 ohms. Oak or walnut-veneer top and black base wrapped in black or brown grille cloth. 22 x 20 x 20 in; 145 lb\$1,350/pr

Model 12SP. As above, single 12-in dual-voice-coil driver. No crossover. FR 38-150 Hz; sens 89 dB SPL/W/m\$750

Model 12S. As Model 12SP, without amplifier. FR 38-150 Hz ± 3 dB\$658

Cornerstone 2-Way Bookshelf Speaker

Two 4 1/2-in polypropylene-treated woofers, one 1-in polycarbonate-dome tweeter. Crossover point 6,000 Hz; FR 120-20,000 Hz ± 3 dB; sens 94 dB SPL/W/m; imp 4 or 6 ohms. Oak or walnut-veneer top and base wrapped in black or brown grille cloth. 18 x 7 1/2 x 12 in; 23 lb\$600/pr

ADVENT

HT103 Home Theater System

2 front speakers and 1 center-channel speaker, each with two 5 1/2-in woofers and one tweeter. Magnetic shielding. Stands optional. Power handling 125 W rms; FR 60-20,000 Hz ± 3 dB; imp 8 ohms. Black-ash vinyl cabinet. Each speaker 18 x 6 x 6 1/2 in\$479

Powered SUB.10 Powered Subwoofer

10-in long-throw driver; integral 100-W amplifier. Line- and speaker-level inputs and outputs. Crossover point continuously variable from 40-200 Hz; FR 35-200 Hz ± 3 dB. Black stained solid-oak top; black-ash woodgrain sides. 16 1/2 x 16 x 17 in\$449

Video-Shielded Prodigy Tower 2-Way Speaker

8-in long-throw woofer, 3/4-in ferrofluid-cooled parabolic soft-dome tweeter. Features fiberboard enclosure. Magnetic shielding. Power handling 100 W rms; crossover point 3,000 Hz; FR 45-23,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black stained solid-oak top and base; black textured vinyl body. 10 1/2 x 28 1/2 x 8 1/2 in\$349/pr

HT303 Subwoofer/Satellite System

Dual-firing 2-chamber Helmholtz subwoofer with two 6 1/2-in long-throw drivers; 2 satellites, each with two 2 1/2-in drivers. Magnetic satellite shielding. Stands or wall brackets optional. Power handling 100 W rms; FR 50-21,000 Hz ± 3 dB; imp 8 ohms. Subwoofer 15 1/2 x 12 1/2 x 8 1/2 in. Each satellite 3 1/4 x 8 1/4 x 3 1/4 in\$349
HT304. As above, with one additional satellite\$449

Heritage 2-Way Speaker

Two 8-in long-throw woofers, one 1-in ferrofluid-cooled parabolic soft-dome tweeter. Features fiberboard enclosure. Power handling 200 W rms; crossover point 3,500 Hz; FR 40-23,000 Hz ± 3 dB; sens 89.5 dB SPL/W/m; imp 8 ohms. Oiled solid-pecan wood top and face; black textured vinyl body. 10 1/2 x 37 1/4 x 13 1/2 in; 46 lb\$349

Laureate. As above, 6 1/2-in woofers. Power handling 150 W rms; crossover point 3,000 Hz; FR 42-23,000 Hz ± 3 dB; sens 90 dB SPL/W/m. 9 x 32 1/2 x 12 in; 35 lb\$275

Gallery Series In-Wall 2-Way In-Wall Speaker

6 1/2-in long-throw woofer, 1/2-in ferrofluid-cooled polycarbonate hard-dome tweeter. Power handling 65 W rms; crossover point 4,500 Hz; FR 60-21,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. White paintable trim. 10 1/2 x 14 1/2 in\$328/pr

Gallery Series In-Wall Mini. As above, 5 1/4-in woofer. FR 80-21,000 Hz ± 3 dB; sens 87 dB SPL/W/m. 8 1/2 x 12 1/2 in\$198/pr

Mini II Subwoofer/Satellite System

Subwoofer with two 6 1/2-in long-throw drivers; two Indoor/Outdoor Mini-Advent II's. Power handling 100 W rms; crossover points 180 and 4,500 Hz; FR 50-21,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 8 ohms. Black stained solid-oak subwoofer top and base. Subwoofer 15 1/2 x 12 1/2 x 8 1/2 in\$299

Prodigy Tower II 2-Way Speaker

8-in long-throw woofer, hard-dome tweeter. Features fiberboard enclosure. Power handling 100 W rms; crossover point 3,000 Hz; FR 45-23,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Oiled solid-pecan wood top and face; black textured vinyl body. 10 1/2 x 28 1/2 x 9 in\$249/pr

Legacy III 2-Way Speaker

10-in long-throw dual-voice-coil woofer, 1-in ferrofluid-cooled polycarbonate soft-dome tweeter. Features particleboard enclosure. Power handling 125 cont into 6 ohms, 100 W into 8 ohms; crossover point 2,500

Hz; FR 42-23,000 Hz ± 3 dB; sens 90 dB SPL/W/m into 6 ohms; imp switchable to 6 or 8 ohms. Oiled solid-pecan wood top and face; black textured vinyl body. 14 x 32 1/2 x 10 1/2 in; 42 lb\$179

Baby III 2-Way Bookshelf Speaker

6 1/2-in long-throw woofer, 1/2-in ferrofluid-cooled polycarbonate hard-dome tweeter. Features fiberboard enclosure. Power handling 65 W rms; crossover point 4,500 Hz; FR 60-21,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Solid-oak top and base; black textured vinyl body. 10 1/2 x 16 1/2 x 7 1/2 in\$178/pr

Audio Cinema 2-Way Center-Channel Speaker

Two 5 1/2-in woofers, tweeter. Features computer-designed tuned port; fiberboard enclosure. Magnetic shielding. Power handling 125 W rms; FR 60-20,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Black-ash vinyl. 18 x 6 x 6 1/2 in\$169

HT204 Surround Speaker

Two 2 1/2-in drivers. Pivoting design; magnetic shielding. Power handling 100 W rms; imp 8 ohms. Black molded-plastic enclosure. 3 1/4 x 1 1/2 x 3 1/2 in\$149/pr

Mini-Advent II 2-Way Bookshelf Speaker

5 1/4-in long-throw woofer, 1/2-in ferrofluid-cooled polycarbonate hard-dome tweeter. Power handling 50 W rms; crossover point 4,500 Hz; FR 110-21,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Solid-pecan top and base. 6 1/2 x 11 x 5 1/2 in\$138/pr
Indoor/Outdoor Mini-Advent II. As above, outdoor design with polypropylene woofer and weather-resistant black or white top and base\$138/pr

Audio Focus Center-Channel Speaker

Acoustic-suspension design with two 4-in dual-cones. Features fiberboard enclosure. Magnetic shielding. Power handling 90 W rms; FR 80-20,000 Hz; sens 92 dB SPL/W/m; imp 8 ohms. Black textured vinyl. 15 x 7 1/2 x 8 in\$129

Bookshelf I 2-Way Bookshelf Speaker

5 1/4-in long-throw woofer, 1/2-in hard-dome tweeter. Power handling 50 W rms; FR 80-20,000 Hz ± 3 dB. Woodgrain finish. 8 x 13 1/4 x 8 1/2 in\$129/pr

HT202 Surround Speaker

2 1/4-in driver. Magnetic shielding. Stand or wall bracket optional. Power handling 40 W rms; imp 8 ohms. Black molded-plastic enclosure. 3 1/4 x 5 1/2 x 3 1/2 in\$79/pr

Brackets Mini-Advent II. Mounting bracket for all Mini-Advent speakers\$49/pr

Powered Partners Series

The following are magnetically shielded and designed for multimedia computer applications.

AV570 2-Way Powered Computer Speaker

Acoustic-suspension design with 5-in long-throw polypropylene woofer and 1-in liquid-cooled polydome tweeter in wedge-shaped enclosure; integral 35-W amplifier. Auto turn-on/off; volume, bass, and treble controls. Battery pack, cigarette-lighter adaptor, or carry bag optional. FR 40-25,000 Hz. 6 1/2 x 10 1/2 x 7 1/2 in\$399/pr
AV571. As above, sold singly\$199

AV622 Powered Subwoofer/Satellite System

Powered filtered-suspension subwoofer with 6-in dual-voice-coil driver and amp rated at 30 W x 1; two powered acoustic-suspension satellites, each with one 2 1/2-in long-throw driver and amp rated at 8 W x 1. Features forced-air cooling. Volume, bass, and treble controls. FR 50-20,000 Hz ± 3 dB. Subwoofer 12 1/4 x 16 x 6 in. Each satellite 3 1/2 x 3 1/4 x 5 1/2 in\$299

AV522 Powered Subwoofer

Filtered-suspension design with 6 1/2-in dual-voice-coil driver; integral 30-W amp. FR 50-200 Hz ± 3 dB. 16 x 6 x 13 1/2 in\$199

AV42 Powered Computer Speaker

Acoustic-suspension design with two 2 1/2-in long-

PART SCIENTIFIC ACHIEVEMENT. PART ARTISTIC CREATION. PURE INFINITY.


With Compositions, Infinity has flawlessly combined over 25 years of loudspeaker experience with the most important elements of home theater sound design. The system's powered subwoofers deliver remarkable sound with incredible efficiency. And each component is designed to integrate as seamlessly with tomorrow's technology as it does with today's. The striking, sophisticated styling of Compositions actually enhances the decor of a room, yet installing the system is as simple as plugging in the components. If you've been waiting for the right sound system for your large screen TV, it's arrived. And it's pure Infinity.

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throw drivers; amp rated at 8 W x 1. Features active response shaping. Volume and tone controls. FR 80-20,000 Hz ± 3 dB. 3 $\frac{3}{4}$ x 8 $\frac{3}{4}$ x 3 $\frac{1}{2}$ in \$179/pr

AV22 Powered Computer Speaker

Acoustic-suspension design with 2 $\frac{1}{2}$ -in long-throw driver; amp rated at 3 W x 1. Volume control; AC/DC operation. Includes charging cord. FR 100-20,000 Hz ± 3 dB. Available in black or gray. 3 $\frac{3}{4}$ x 5 $\frac{1}{2}$ x 3 $\frac{1}{2}$ in \$99/pr

AERIAL ACOUSTICS

Model 10T 3-Way Speaker

5 $\frac{1}{4}$ -in dual-Kevlar-coned epoxy-laminated long-throw midrange and 1-in titanium-dome tweeter in Novalith Cast Acoustical Composite enclosure; 10 $\frac{1}{2}$ -in Bi-laminate-composite long-throw woofer in 1- and 2-in-thick MDF vented enclosure. Features two coupled rear tweeter chambers; 24-dB/oct Linkwitz-Riley crossovers with polypropylene capacitors and low-oxygen-copper air-core coils; 99.997%-pure copper wire and silver solder used throughout. Biwire/biamp inputs. Crossover points 360 and 2,700 Hz; FR 28-20,000 Hz ± 2 dB; sens 86 dB SPL/W/m; imp 4 ohms. Midrange/tweeter-enclosure finished with satin-black paint; walnut, black, or maple woofer-enclosure finish. 13 $\frac{1}{2}$ x 41 $\frac{1}{2}$ x 19 in assembled. Woofer cabinet 80 lb. Midrange/tweeter cabinet 30 lb \$5,495/pr Stand \$500/pr

Model 7 2-Way Speaker

9-in bilaminate composite-cone woofer, 1-in titanium-dome tweeter. Features crossover with polypropylene capacitors, OFC air-core inductors, military-spec glass-epoxy circuit board, and silver solder; MDF cabinet with 5 shelf braces. Biwire/bi-amp terminals. Crossover point 2,200 Hz; FR 35-20,000 Hz ± 2 dB; sens 86 dB SPL/W/m; imp 4 ohms. Architectural walnut with rosewood stain and polished-lacquer or satin-black paint; blond-tiger maple with clear-polished lacquer available. 10 x 41 x 13 $\frac{1}{2}$ in; 80 lb \$2,795/pr Stand \$300/pr

Model 5 2-Way Bookshelf Speaker

7-in polypropylene woofer, 1-in titanium-dome tweeter. Features crossover with polypropylene capacitors. OFC air-core coils, and military-spec glass-epoxy circuit board; MDF cabinet with figure-8 vertical brace and figure-C horizontal brace. Biwire/biamp terminals. Crossover point 2,500 Hz; FR 70-20,000 Hz ± 2 dB; sens 85 dB SPL/W/m; imp 4 ohms. Architectural walnut finish with rosewood stain and polished lacquer or satin-black paint; blond-tiger maple with clear polished lacquer available. 8 $\frac{1}{2}$ x 13 x 10 $\frac{1}{2}$ in; 24 lb \$1,795/pr Stand \$300/pr

AES

Premier In-Wall Home Theater System

Three AES-200S's, two AES-50S's, and one AES-400W \$849

AES-400W In-Wall Subwoofer

Dual-voice-coil driver. Features moisture resistance; protection circuitry. Power handling 100 W/ch; FR 28-90 Hz; imp 8 ohms \$259

AES-300W. As above, single-voice-coil driver. Power handling 150 W \$199

AES-200S 2-Way In-Wall Speaker

6 $\frac{1}{2}$ -in polypropylene woofer, 1-in liquid-cooled tweeter. Features magnet structure with vented pole piece; moisture resistance; protection circuitry. Power handling 100 W; FR 40-20,000 Hz; imp 8 ohms \$180

AES-100S 2-Way In-Wall Speaker

6 $\frac{1}{2}$ -in polypropylene woofer, 3/4-in liquid-cooled dome tweeter. Features moisture resistance; protection circuitry. Power handling 80 W; FR 55-20,000 Hz; imp 8 ohms \$125
AES-50S. As above, 5/4-in woofer. Power handling 60 W; FR 70-20,000 Hz \$100

AES-40R Ceiling Speaker

5 $\frac{1}{4}$ -in dual-voice-coil dual-cone. Designed for light-fixture-type ceiling installation. Features moisture resistance. Fire-retardant backbox optional. Power handling 60 W; FR 70-18,000 Hz; sens 88 dB \$39

AES-30F In-Wall Speaker

5 $\frac{1}{4}$ -in dual-voice-coil dual-cone. Features moisture resistance. Fire-retardant backbox optional. Power handling 60 W; FR 70-18,000 Hz; sens 88 dB \$79

AES-25M In-Wall Speaker

5 $\frac{1}{4}$ -in dual-voice-coil dual-cone. Features moisture resistance. Power handling 60 W; FR 70-18,000 Hz \$79

AIWA

TS-W5 Powered Subwoofer

8-in cone woofer; amp rated at 35 W. Features wood cabinet. 2 input terminals. Magnetic shielding; input-selector switch; phase-selector switch; bass level control; auto turn-on/off. 10 $\frac{1}{4}$ x 11 $\frac{1}{4}$ x 16 $\frac{1}{2}$ in; 16.7 lb \$225

SC-A75 Powered Mini Speaker

3 $\frac{1}{4}$ -in full-range driver; amp rated at 3 W/ch. Features magnetic coupler; proprietary bass enhancement. Pop, Jazz/Rock, and Flat EQ presets. Includes AC adaptor \$130/pr

SC-C55 Powered Mini Speaker

Bass-reflex design with 3 $\frac{1}{4}$ -in full-range driver; amp rated at 4 W/ch. Designed for multimedia applications. Features proprietary bass enhancement. Front surround circuitry; magnetic shielding; input selector switch; volume control. Includes AC adaptor. PC platinum color \$110/pr
SC-A55. As above, black \$110/pr

SC-A45 Powered Mini Speaker

2-in full-range driver; amp rated at 0.4 W/ch. Features magnetic coupler. LED power indicator; hanging clip \$60/pr

SC-A25 Powered Mini Speaker

Bass-reflex design with 2 $\frac{1}{2}$ -in full-range driver; amp rated at 0.2 W/ch. Lock-carry mechanism for portability; power-on/speaker-direct switch \$35/pr

ALLISON ACOUSTICS

PD-12.4 4-Way Speaker

Acoustic-suspension design with 12-in woofer, 8-in midbass, 4-in midrange, and 1-in convex tweeter. Magnetic shielding. Power handling 250 W; crossover points 85, 450, and 4,000 Hz; FR 23-20,000 Hz; sens 89 dB SPL/W/m; imp 4 ohms. Solid wood pecan finish. 14 x 45 x 15 in \$2,879/pr

PD-8.3 3-Way Speaker

Acoustic-suspension design with two 8-in woofers, one 4-in cone midrange, and one 1-in convex tweeter. Magnetic shielding. Power handling 200 W; crossover points 450 and 4,000 Hz; FR 35-20,000 Hz; sens 89 dB SPL/W/m; imp 4 ohms. Solid wood pecan finish. 14 x 34 x 13 in \$1,799/pr

AL-130 3-Way Speaker

Acoustic-suspension design with two 8-in woofers, one 3 $\frac{1}{2}$ -in hand-assembled ferrofluid-cooled convex-diaphragm midrange, and one 1-in silicone-cooled convex-diaphragm tweeter. Features push-pull woofer configuration. Power handling 200 W; crossover points 450 and 4,000 Hz; sens 90 dB; imp 6 ohms. Black-vinyl finish. 12 $\frac{1}{2}$ x 37 $\frac{1}{2}$ x 14 $\frac{1}{2}$ in; 57 lb \$1,200/pr

NL-5400P Powered Subwoofer

Acoustic-suspension design with 12-in driver; 300-W amp. Features high-pass crossover fixed at 60 Hz; low-pass crossover variable from 40-180 Hz. Line- and speaker-level inputs; high-pass outputs. Volume control. FR 28-180 Hz. Black lacquer on wood finish. 19 x 19 x 19 in; 65 lb \$879
NL-5400. As above, without amp or separate high-

and low-pass crossovers. Power handling 250 W; crossover point 80 Hz; FR 28-90 Hz; sens 89 dB SPL/W/m \$459

MS-P10 Powered Subwoofer

Vented design with 10-in driver; 160-W amp. Features high-pass crossover fixed at 80 Hz; low-pass crossover variable from 40-180 Hz. Line- and speaker-level inputs; high-pass outputs. Volume control. FR 35-180 Hz. Black lacquer on wood finish. 16 x 16 x 16 in; 47 lb \$665

AL-120 2-Way Speaker

Acoustic-suspension design with two 6-in woofers and one 1-in hand-assembled ferrofluid-cooled convex-diaphragm tweeter. Features push-pull woofer configuration. Power handling 200 W; crossover points 100 and 2,000 Hz; sens 90 dB SPL/W/m; imp 6 ohms. Black-vinyl finish. 11 $\frac{1}{2}$ x 23 $\frac{1}{2}$ x 11 $\frac{1}{2}$ in \$660/pr

AL-115 2-Way Speaker

Acoustic-suspension design with 8-in woofer and 1-in hand-assembled ferrofluid-cooled convex-diaphragm tweeter. Features woofer hand-treated with proprietary energy-absorbent compound. Power handling 150 W; crossover point 2,000 Hz; sens 90 dB SPL/W/m; imp 6 ohms. 11 $\frac{1}{2}$ x 20 x 10 $\frac{1}{2}$ in; 22 lb \$460/pr

NL-1440 2-Way Surround Speaker

Acoustic-suspension design with 8-in woofer and 1-in convex tweeter. Magnetic shielding. Power handling 150 W; crossover point 2,000 Hz; sens 90 dB SPL/W/m; imp 6 ohms. Black lacquer on wood finish. 11 x 10 x 18 in; 19 lb \$329
NL-654. As above, 6-in woofer. Crossover point 2,500 Hz. 9 x 18 x 13 in \$279

IW-82 2-Way In-Wall Speaker

8-in woofer, 1-in soft-dome tweeter. Features thermal overload protection. Power handling 100 W; FR 45-20,000 Hz; sens 90 dB; imp 8 ohms. 10 x 14 x 3 $\frac{1}{4}$ in \$268

MS-200 2-Way Satellite Speaker

4-in midrange, 1/2-in Mylar-dome tweeter. Magnetic shielding. Power handling 50 W rms; crossover point 140 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black lacquer on wood finish. 5 $\frac{1}{2}$ x 10 x 5 $\frac{1}{2}$ in; 6 lb \$260/pr

MS-W4 Subwoofer

8-in driver. Power handling 75 W rms; crossover point 200 Hz; sens 86 dB; imp 2-8 ohms. Black lacquer on wood finish. 11 x 11 x 11 in; 16 lb \$210

IW-62 2-Way In-Wall Speaker

6-in woofer, 1-in soft-dome tweeter. Features thermal overload protection. Power handling 80 W; FR 58-20,000 Hz; sens 90 dB; imp 8 ohms. 9 x 12 x 3 in \$192

MS-202 2-Way Center-Channel Speaker

Two 3-in midranges, one 1/2-in Mylar-dome tweeter. Magnetic shielding. Power handling 50 W rms; sens 86 dB; imp 8 ohms. Black lacquer on wood finish. 19 x 5 x 11 in; 10 lb \$180

IC-62 2-Way In-Ceiling Speaker

6-in poly-cone woofer, 1-in poly-dome tweeter. Power handling 60 W; FR 60-20,000 Hz; sens 90 dB; imp 8 ohms. Mounting diameter 9 in. Mounting depth 2 $\frac{1}{4}$ in \$126

ALON

Phalanx 4-Way Speaker

10-in sealed woofer, five 5-in dipole midranges, one 1-in dipole aluminum-dome tweeter. Features external crossover. FR 32-25,000 Hz ± 3 dB; sens 87 dB. High-gloss black-ash veneer finish; piano-black polyester finish available. Crossover 14 x 9 x 36 in. Speaker 12 $\frac{1}{2}$ x 58 x 17 $\frac{1}{2}$ in \$20,000/pr

Model V MK II 3-Way Speaker

10-in sealed woofer, 5-in dipole midrange, 1-in dipole aluminum-dome tweeter. FR 34-25,000 Hz ± 3 dB;



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Increasingly people are turning to a place NHT has always called home, the real world. Where performance is paramount – and so are aesthetics, function and value. Where our design philosophy addresses the challenges of your daily life, not those of an audio laboratory.

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sens 87 dB. Natural-oak, black-ash, or walnut-veneer finish; rosewood finish available. 12 $\frac{1}{4}$ x 49 $\frac{1}{2}$ x 15 $\frac{1}{2}$ in; 95 lb\$4,800/pr

Model IV 3-Way Speaker

12-in sealed woofer, 5-in dipole midrange, 1-in dual-chamber aluminum-dome tweeter. FR 29-25,000 Hz \pm 3 dB; sens 87 dB. Natural-oak, black-ash, or walnut-veneer finish; rosewood available. 14 x 46 x 18 in; 105 lb\$3,500/pr

Model II 3-Way Speaker

10-in sealed woofer, 5-in dipole midrange, 1-in dual-chamber aluminum-dome tweeter. FR 39-25,000 Hz; \pm 3 dB; sens 87 dB. Natural-oak, black-ash, or walnut-veneer finish; rosewood available. 11 x 42 x 13 $\frac{1}{2}$ in; 55 lb\$1,950/pr

Model I 3-Way Speaker

8-in sealed woofer, 4 $\frac{1}{2}$ -in dipole midrange, $\frac{3}{4}$ -in aluminum-dome tweeter. FR 49-25,000 Hz \pm 3 dB; sens 87 dB. Natural-oak, black-ash, or walnut-veneer finish; rosewood available. 9 x 38 x 13 $\frac{1}{4}$ in; 40 lb\$1,290/pr

C-2 3-Way Center-Channel Speaker

8-in sealed woofer, 5-in dipole midrange, and dual-chamber aluminum-dome tweeter. Features biwired crossover. FR 49-25,000 Hz \pm 3 dB; sens 87 dB. Black-ash veneer finish. 22 x 24 $\frac{1}{4}$ x 13 in; 50 lb\$1,200

C-2S. As above, 1-in dipole cobalt-aluminum dome tweeter. Triwired crossover\$1,200

SW-1 Subwoofer

Sealed design with two 12-in drivers. FR 24-150 Hz \pm 3 dB; sens 87 dB. Black-ash veneer finish. 25 x 15 $\frac{1}{2}$ x 25 in; 100 lb\$990

C-1 2-Way Center-Channel Speaker

Sealed bipolar design with two 5-in woofers and two 1-in aluminum-dome tweeters on front and rear. Features damped MDF enclosure. Magnetic shielding. FR 80-25,000 Hz \pm 3 dB; sens 87 dB. Black- or white-ash veneer finish. 15 x 6 $\frac{1}{2}$ x 9 in; 20 lb\$600

ALTEC LANSING

Bias 550 5-Way Powered Speaker

Two 10-in subwoofers, one 8-in woofer, one 6-in midbass, one 2-in midrange, one 1-in tweeter; 5 Class A/B amplifiers for 700-W output with 0.05% THD. Features woven-carbon subwoofers, woofer, and midbass; diamond-dust coated-polyimide midrange and tweeter; separate cabinets for each subwoofer, each surrounded by $\frac{3}{4}$ -in bars of foam rubber; Butterworth crossover. Separate volume control for each driver; swivels for midranges and tweeters. Crossover points 80, 150, 450, 1,500, and 4,500 Hz; FR 20-20,000 Hz \pm 2 dB. 19 x 71 x 24 in; 437 lb\$6,000

Model 511 4-Way Speaker

Two 10-in woven-carbon fiber woofers, one 6 $\frac{1}{2}$ -in midbass, one 2-in diamond-dust coated-polyimide midrange, one 1-in liquid-cooled tweeter. Gold-plated biwire/triwire/quadwire terminals. Power handling 300 W max; crossover points 180, 1,500, and 3,500 Hz; FR 30-20,000 Hz \pm 3 dB; sens 92 dB SPL/W/m; imp 6 ohms. Walnut veneer or black finish. 13 x 57 x 13 $\frac{1}{2}$ in\$1,500

AHT-2300 Powered THX Subwoofer

Two 10-in long-throw woven-carbon fiber drivers; amp rated at 100 W with 0.1% THD. Features THX certification; multiple-path configuration; selectable 18- or 24-dB/oct crossover. Crossover point selectable at 50, 80, 100, or 150 Hz; FR 26-180 Hz \pm 3 dB. Black. 17 $\frac{1}{2}$ x 17 $\frac{1}{2}$ x 17 $\frac{1}{2}$ in\$1,200

PSW10 Powered Subwoofer

10-in long-throw carbon driver; amp rated at 100 W with 0.1% THD. Features dynamic Eo circuit; subsonic filter; selectable 18- or 24-dB/oct crossover slope. Gain control. Crossover point selectable at 50, 80, 100, or 150 Hz; FR 26-180 Hz \pm 3 dB. Walnut veneer or black finish. 17 $\frac{1}{2}$ x 17 $\frac{1}{2}$ x 17 $\frac{1}{2}$ in\$850

Model 510 3-Way Speaker

Two 10-in woven-carbon fiber woofers, one 2-in midrange, one 1-in tweeter. Features liquid-cooled titanium-coated polyimide midrange and tweeter. Gold-plated biwire/triwire terminals. Power handling 300 W max; crossover point 550 and 3,500 Hz; FR 30-20,000 Hz \pm 3 dB; sens 92 dB SPL/W/m; imp 4 ohms. Walnut veneer or black finish. 12 x 49 x 13 $\frac{1}{2}$ in\$800

Model 508. As above, 8-in woofers. Not biwireable/triwireable. Power handling 250 W max; FR 32-22,000 Hz; sens 90.5 dB SPL/W/m; imp 6 ohms. 10 $\frac{3}{4}$ x 40 $\frac{1}{2}$ x 11 in\$550

System 3 Subwoofer/Satellite System

Subwoofer with two 8-in long-throw carbon-filled polypropylene drivers; 2 satellites, each with two 3-in carbon-filled polypropylene midranges and one $\frac{1}{2}$ -in dome tweeter. Power handling 160 W max; crossover points 180 and 4,500 Hz; FR 32-20,000 Hz \pm 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black or white. Subwoofer 12 x 9 $\frac{1}{2}$ x 20 in. Each satellite 4 x 8 $\frac{1}{2}$ x 3 $\frac{1}{4}$ in\$600

PHT-5 Subwoofer/Satellite System

Personal Home Theater system for small spaces, featuring 40-W powered subwoofer with two 8-in drivers and two powered satellites with built-in Dolby Pro Logic decoder. FR 45-20,000 Hz \pm 3 dB; sens 89 dB. Subwoofer 6 $\frac{1}{2}$ x 12 $\frac{1}{2}$ x 10 in. Each satellite 15 $\frac{1}{4}$ x 4 x 6 $\frac{1}{4}$ in\$500

AHT-2100 3-Way THX Surround Speaker

Two 4-in carbon-filled polypropylene woofers, four 3 $\frac{1}{2}$ -in side-angled midranges, two $\frac{1}{4}$ -in side-angled tweeters in wall-mountable enclosure. Features THX certification. Power handling 150 W max; crossover points 180, 3,000 (high-pass), and 3,500 (low-pass) Hz; FR 80-20,000 Hz; sens 89 dB SPL/W/m. Black or white. 11 x 15 $\frac{1}{2}$ x 6 $\frac{1}{2}$ in\$450

PSW-21 Powered Subwoofer

12-in dual-voice-coil driver; amp rated at 100 W x 1. FR 10-180 Hz; sens 90 dB. 14 $\frac{1}{2}$ x 20 x 15 in; 37 lb\$400

Model 520 2-Way Speaker

Two 5 $\frac{1}{2}$ -in polypropylene woofers, $\frac{7}{8}$ -in liquid-cooled soft-dome tweeter. Magnetic shielding. Power handling 180 W max; crossover point 3,000 Hz; FR 50-20,000 Hz \pm 3 dB; sens 91 dB SPL/W/m; imp 8 ohms. Black vinyl finish. 7 $\frac{1}{4}$ x 35 x 9 $\frac{1}{2}$ in\$375

Model 220. As above, one woofer. Power handling 100 W max; FR 70-20,000 Hz \pm 3 dB; sens 88 dB SPL/W/m. 7 $\frac{1}{4}$ x 21 x 9 $\frac{1}{2}$ in\$175

AHT-2200 2-Way THX Speaker

Acoustic-suspension design with two 5 $\frac{1}{2}$ -in carbon-filled polypropylene woofers and one $\frac{1}{2}$ -in dome tweeter. For front L/R or center channels. Features THX certification; fiberglass-filled ABS enclosure. Magnetic shielding. Power handling 150 W max; crossover point 2,500 Hz; FR 70-20,000 Hz; sens 89 dB SPL/W/m. Black or white. 7 $\frac{1}{2}$ x 15 $\frac{1}{2}$ x 7 in\$300

PSW-2 Wireless Subwoofer

6 $\frac{1}{2}$ -in driver. FR 32-250 Hz \pm 3 dB; sens 89 dB. 6 $\frac{1}{2}$ x 12 $\frac{1}{2}$ x 10 in; 28 lb\$250

Model 100 3-Way Speaker

Two 8-in woofers, one 4-in midrange, one $\frac{1}{2}$ -in liquid-cooled formed-polyester tweeter. Features carbon-filled polypropylene woofers and midrange. Power handling 200 W max; crossover points 250 and 3,500 Hz; FR 38-20,000 Hz \pm 3 dB; sens 91 dB SPL/W/m; imp 8 ohms. Dark oak or black finish. 10 $\frac{1}{2}$ x 40 $\frac{1}{2}$ x 11 in\$250

Model 96. As above, 2-way with two 6-in woofers and $\frac{1}{2}$ -in tweeter. Power handling 150 W max; crossover point 3,500 Hz; FR 39-20,000 Hz \pm 3 dB. 8 $\frac{1}{2}$ x 32 x 9 $\frac{1}{2}$ in\$200

Model 95. As Model 100, single woofer. Power handling 120 W max; FR 40-20,000 Hz \pm 3 dB. 12 x 22 x 9 in\$150

Model 66 2-Way Outdoor Speaker

Acoustic-suspension design with 6-in carbon-filled

polypropylene woofer and polyimide-dome tweeter. Features fiberglass-filled ABS enclosure. Magnetic shielding. Power handling 200 W max; crossover point 3,500 Hz; FR 45-20,000 Hz \pm 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black or white. 7 $\frac{1}{2}$ x 15 $\frac{1}{4}$ x 7 in\$200

SW8 Subwoofer

Ported design with 8-in long-throw dual-voice-coil driver. Power handling 100 W max; crossover point 180 Hz; FR 35-250 Hz \pm 3 dB; sens 90 dB SPL/W/m; imp 6 ohms/ch. Dark oak or black finish. 14 $\frac{3}{4}$ x 10 $\frac{1}{4}$ x 11 $\frac{1}{2}$ in\$150

Model 20 2-Way Center-Channel Speaker

Two 5 $\frac{1}{4}$ -in molded-polypropylene woofers, one $\frac{1}{2}$ -in ferrofluid-cooled dome tweeter. Power handling 150 W max; FR 56-20,000 Hz \pm 3 dB; sens 91 dB; imp 8 ohms. 6 $\frac{1}{4}$ x 21 x 7 $\frac{1}{4}$ in; 18 lb\$150

ITW-265 2-Way In-Wall Speaker

Infinite-baffle design with 6 $\frac{1}{2}$ -in woofer and $\frac{7}{8}$ -in polyester-dome tweeter. Features carbon-filled ABS molded frame. Mid- and high-frequency rolloff controls. Power handling 100 W max; crossover point 3,500 Hz; FR 40-20,000 Hz \pm 3 dB; sens 90 dB SPL/W/m; imp 6 ohms. Paintable metal grille. 8 $\frac{1}{2}$ x 12 x 4 in\$150

Model 120 2-Way Surround Speaker

Dipole design with one 5 $\frac{1}{2}$ -in woofer and two 3-in side-firing full-range drivers. Power handling 80 W max; crossover point 400 Hz; FR 100-7,000 Hz \pm 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Black. 7 $\frac{1}{4}$ x 11 $\frac{1}{2}$ x 5 $\frac{1}{2}$ in\$125

Model 85 2-Way Bookshelf Speaker

6 $\frac{1}{2}$ -in carbon-filled textured-polypropylene woofer, $\frac{7}{8}$ -in formed-polyester dome tweeter. Power handling 100 W max; crossover point 3,500 Hz; FR 50-20,000 Hz \pm 3 dB; sens 91 dB SPL/W/m; imp 8 ohms. Dark oak or black finish. 9 $\frac{1}{2}$ x 17 x 8 $\frac{1}{2}$ in\$100

Model 44 2-Way Center-Channel Speaker

Two 4-in carbon-filled polypropylene woofers, $\frac{3}{8}$ -in liquid-cooled dome tweeter. Magnetic shielding. Power handling 80 W max; crossover point 3,500 Hz; FR 85-20,000 Hz \pm 3 dB; sens 86 dB SPL/W/m; imp 6 ohms. Black or white. 5 $\frac{1}{2}$ x 11 x 7 $\frac{1}{2}$ in\$90

Model 75 2-Way Bookshelf Speaker

5 $\frac{1}{2}$ -in woofer, $\frac{1}{2}$ -in dome tweeter. Magnetic shielding. Power handling 80 W max; crossover point 4,000 Hz; FR 50-20,000 Hz \pm 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Dark oak or black finish. 6 x 9 $\frac{1}{2}$ x 6 $\frac{1}{2}$ in\$80

Model 56 2-Way Outdoor Speaker

Acoustic-suspension design with 5 $\frac{1}{2}$ -in carbon-filled polypropylene woofer and $\frac{1}{2}$ -in liquid-cooled dome tweeter. Features engineering-plastic construction. Power handling 80 W max; crossover point 4,000 Hz; FR 50-20,000 Hz \pm 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black or white. 6 $\frac{1}{4}$ x 9 $\frac{1}{2}$ x 5 $\frac{1}{2}$ in\$63

Computer Speakers

The following are designed for use with multimedia computers.

ACS500 Computer/Home Theater System

Powered subwoofer with two 8-in drivers; two powered satellites, each with four drivers; built-in Dolby Pro Logic decoder; 40-W subwoofer amp; satellite amp rated at 22.5 W x 2. Magnetic satellite shielding. FR 20-20,000 Hz; sens 92 dB. Subwoofer 10 x 12 $\frac{1}{2}$ x 6 $\frac{1}{4}$ in. Each satellite 5 x 6 $\frac{1}{2}$ x 18 $\frac{1}{4}$ in\$450

ACS300.1 Powered Subwoofer/Satellite System

Multiple-path acoustic-chamber powered subwoofer with two 4-in long-throw drivers; 2 clam-shell powered satellites, each with 4-in woofer and liquid-cooled $\frac{1}{2}$ -in dome tweeter; 18-W subwoofer amp; 18-W satellite amp. Features dynamic equalization; 24-dB/oct crossover. Headphone jack. Magnetic satellite shielding; bass, treble, balance, volume, and

The ten second pitch.

Acoustic Research invented the modern home loudspeaker in 1954.

For over forty years, they have been the leader in bookshelf loudspeaker design, technology and sound reproduction.

To this day, you can not buy a better loudspeaker for the money. ■

The two minute pitch.

AR loudspeakers are designed for optimum performance in real world use.

Their sound patterns are designed to interact with the boundaries in your home – doors, bookshelves, walls, furniture – so they are less particular as to their exact placement.

Their wide baffle design and exposed dome drivers produce a wide and consistent sound field, resulting in a proper tonal balance from more listening positions throughout the room.

Due to their true *acoustic suspension technology*, they produce stunningly powerful and accurate bass from relatively small cabinet enclosures.

They are high-value, no compromise loudspeakers engineered with the essential materials and technology needed to reproduce superior sound. ■

The all day pitch.

No company in the history of audio has done more to improve the sonic accuracy of musical reproduction in the home than Acoustic Research.

For forty years, AR's sound philosophy has centered on the belief that technical innovation would only be incorporated for the benefit of tonal accuracy - not at its expense.

AR's design philosophy remains to this day, to focus and improve on the fundamental speaker technology needed to reproduce music as accurately and beautifully as the original source.

For AR, this means flat frequency response. Wide dispersion. Low distortion. High power handling. Exceptional bass extension. Musicality.

AR began its journey to capture sonic accuracy in 1954 with the introduction of *acoustic suspension technology*, an innovation which truly revolutionized the audio industry. Prior to AR's acoustic suspension design, loudspeaker technology primarily utilized some form of vented or baffled enclosure where a relatively stiff mechanical spring force was applied to the moving cone to return it to its resting position. This spring force tended to become increasingly non-linear in its action as cone movement increased from either higher output levels, lower frequency, or both.

In order to reproduce lower bass at higher output, large woofers were needed, resulting in larger cabinets. In addition, the large cones became more massive, and in order to maintain reasonable efficiency without an enormously costly magnet structure and voice coil assembly, cones had to be designed with low density. The net result was the loss of stiffness which resulted in driver "break-up" and uneven frequency response with resonance, thus trading one form of distortion for another.

AR's solution was the revolutionary AR-1, the first loudspeaker to use the air compressed inside the sealed enclosure to control the excursion (movement) of the woofer. The woofer was given a very "soft" mechanical suspension, including the now legendary "half-roll" surround. The voice coil and magnet pole piece were redesigned for long excursion while a very stiff cone was fabricated for rigid, piston-like action. The woofer was then mounted in an air-tight enclosure. The trapped air within the speaker cabinet exerted consistent pressure on all points of the woofer to precisely and evenly control and dampen the woofer movement. The result of this *acoustic suspension* design was reduced distortion and greater bass response in a substantially smaller speaker enclosure.

(Story continued at your AR dealer) ■

AR Firsts Throughout The Years

- The Acoustic Suspension Loudspeaker
- The Dome Driver
- The Belt-Drive Turntable
- The High Current Amplifier
- The Multi-Driver Vertical Array Loudspeaker
- The Liquid Cooled Driver
- The Ambient Subsystem Loudspeaker
- The Powered Partner



We wrote the book on the bookshelf loudspeaker.



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A/B mixing controls. Crossover point 120 Hz; FR 35-20,000 Hz ± 3 dB\$350

ACS3 Powered Subwoofer/Satellite System

Multiple-path acoustic-chamber powered subwoofer with two 4-in long-throw drivers; 2 satellites, each with 3-in woofer and fold-away liquid-cooled 1/2-in dome tweeter; 30-W system amp. Inputs for 2 sources; headphone jack. Magnetic satellite shielding; bass, treble, volume, and 2-source mixing controls. FR 40-20,000 Hz ± 3 dB\$250

ACS100.1. As above, satellites only with amp rated at 12 W with 0.8% THD. FR 80-20,000 Hz\$150

ACS53 Powered Subwoofer/Satellite System

Powered subwoofer with two 4-in long-throw drivers; two powered satellites, each with 3-in driver; subwoofer amp rated at 15 W with 0.8% THD; satellite amp rated at 12 W with 0.8% THD. Line-level inputs for 2 sources; headphone jack. Magnetic satellite shielding; dual-function bass control; 2-source mixing; volume, bass, and treble controls. FR 35-18,000 ± 3 dB. Subwoofer 5 3/4 x 10 1/2 x 7 1/4 in. Each satellite 3 3/4 x 4 x 6 1/4 in\$180

ACS250 Powered Subwoofer

One 6-in long-throw dual-voice-coil driver; amp rated at 18 W with 0.8% THD. Crossover point 120 Hz; FR 35-250 Hz. 10 x 12 1/2 x 6 1/4 in; 20 lb\$150

ACS150 Powered Subwoofer

Two 4-in dual-voice-coil long-throw drivers; amp rated at 20 W with 10% THD. Features multiple-path acoustic chamber. Crossover point 250 Hz\$150

ACS52 2-Way Powered Speaker

4-in woofer, 1/2-in dome tweeter; amp rated at 19 W with 0.8% THD. Line-level inputs for 2 sources. Magnetic shielding; dual-function bass control; 2-source mixing; bass, treble, and volume controls. FR 60-20,000 Hz ± 3 dB. Each speaker 4 3/4 x 4 3/4 x 9 in; 14 lb\$127

ACS51 Powered Speaker

3-in driver, amp rated at 6 W with 0.8% THD. Line-level inputs for 2 sources; headphone jack. Magnetic shielding; 2-source mixing; volume, bass, and treble controls. FR 80-18,000 Hz ± 3 dB. 3 3/4 x 5 3/4 x 7 1/4 in; 12 lb\$100

ACS50 2-Way Powered Speaker System

2 powered satellites, each with 1 1/4 x 2 1/2-in woofer and 3/4-in liquid-cooled dome tweeter; separate amp module rated at 4.5 W x 2. Components mountable directly on monitor. Features dynamic bass- and treble-boost circuitry. Headphone jack. Magnetic satellite shielding; LED indicator; volume control. FR 100-20,000 Hz\$100

AMC

B1-20 Powered Subwoofer

Features separate high- and low-pass crossover adjustments\$749

WM-100 2-Way In-Wall Speaker

8-in woofer. Power handling 100 W; FR 40-20,000 Hz; imp 8 ohms\$288/pr

WM75 2-Way In-Wall Speaker

6 1/2-in woofer. Power handling 80 W; FR 50-20,000 Hz; imp 8 ohms\$216/pr

WM50 2-Way In-Wall Speaker

5 1/2-in woofer. Power handling 60 W; FR 50-20,000 Hz; imp 8 ohms\$168/pr

APOGEE

Grand 4-Way Powered Ribbon Speaker System

Two 12-in trapezoidal woofer ribbons; midrange and tweeter ribbons; subwoofer amp; tweeter amp. Subwoofer, woofer, midrange, and tweeter level controls. Power handling 500 W; crossover points 70, 250, and 9,000 Hz; FR 15-25,000 Hz; imp 3 ohms. Various finishes. 32 x 86 x 38 in; 1,200 lb ..\$80,500-\$85,500/pr

Studio Grand 3-Way Ribbon Speaker System

Subwoofer with two 10-in drivers; main speaker with trapezoidal woofer ribbon and separate midrange and tweeter ribbons. Features external active crossover with balanced inputs and outputs. Power handling 250 W; crossover points 60 and 500 Hz; FR 30-20,000 Hz main speaker, 20-70 Hz subwoofer; imp 3 ohms. Black-sand, light-oak, or mahogany finish; other finishes available. 17 x 28 1/2 x 25 in; 420 lb ..\$12,595/pr
Black gloss finish\$15,595/pr

Studio Grand 3-Way Ribbon Speaker

Trapezoidal woofer ribbon; midrange/tweeter ribbons. Power handling 250 W; crossover point 500 Hz; FR 30-30,000 Hz. Black-sand, light-oak, or mahogany finish; other finishes available. 66 x 28 1/2 x 3 in; 220 lb\$7,495/pr

Centaurus Slant 8 2-Way Ribbon Speaker

Ported design with 8-in long-throw cone woofer and 48-in dipole midrange/tweeter ribbon. Features slanted enclosure back. Power handling 250 W; crossover point 500 Hz; FR 26-20,000 Hz; imp 6 ohms. Black or taupe finish. 240 lb\$3,995/pr

Centaurus Slant 6. As above, 6 1/2-in woofer, 26-in midrange/tweeter. Power handling 200 W; crossover point 1,000 Hz; FR 32-20,000 Hz. Black. 52 1/2 x 14 1/2 x 14 1/4 in; 160 lb\$1,995/pr
Magnetic shielding for Slant 6\$200/pr

Stage 2-Way Ribbon Speaker

Trapezoidal woofer ribbon, midrange/tweeter ribbon. Power handling 200 W; crossover point 800 Hz; FR 35-20,000 Hz; imp 3 ohms. Black-sand, light-oak, or mahogany front cover; other finishes available. 37 x 25 x 12 in; 120 lb\$3,295/pr

Stage Subwoofer

Two 8-in drivers. Designed for Stage 2-way speaker. Features external active crossover with balanced connectors. FR 20-80 Hz; imp 3 ohms. Black-sand finish. 11 x 26 1/2 x 18 1/4 in; 110 lb\$2,995/pr
Minigrand. As above with Stage 2-way ribbon speaker\$6,295/pr

Centaurus Column 2-Way Ribbon Speaker

Ported design with 6 1/2-in long-throw cone woofer and 26-in dipole midrange/tweeter ribbon. Features oblique angle reflector for placement against wall. Power handling 200 W; crossover point 1,000 Hz; FR 35-20,000 Hz; imp 6 ohms. 60 x 13 x 9 1/4 in; 150 lb\$1,795/pr
Magnetic shielding for above\$200/pr

Centaurus Ribbin-Wall 2-Way In-Wall Speaker

6 1/2-in cone woofer, 26-in dipole midrange/tweeter ribbon. Power handling 200 W; crossover point 1,200 Hz; FR 40-20,000 Hz; imp 6 ohms. Paintable grille. Cutout 12 1/2 x 48 in. 52 x 12 x 3 3/4 in; 80 lb\$1,495/pr
On-wall version\$1,595/pr
Magnetic shielding\$200/pr

LCR 2-Way Ribbon Speaker

Two 6 1/2-in long-throw shielded woofers and shielded 4-in monopole midrange/tweeter ribbon. Power handling 200 W; FR 45-25,000 Hz; imp 8 ohms. Black ash finish. 9 x 24 x 11 1/2 in; 44 lb\$900
Ribbon Monitor Speaker. As above, single woofer. 9 1/2 x 16 x 11 1/2 in; 26 lb\$600

Custom RM-1 2-Way In-Wall Speaker

6 1/2-in cone woofer, 4-in shielded monopole midrange/tweeter. Power handling 200 W; FR 35-25,000 Hz. 11 x 16 x 3 in; 10 lb\$500

ARANT

The following feature a 5-year warranty and a walnut enclosure.

A-200 3-Way Speaker

Vented design with 10-in woofer, 4 1/2-in dome midrange, 1-in dome tweeter. Crossover points 800 and 3,500 Hz; FR 34-22,000 Hz ± 3 dB; sens 92 dB SPL/W/m; imp 6 ohms\$770/pr

A-140 2-Way Speaker

6 1/2-in woofer, 1-in dome tweeter, passive radiator. Crossover point 2,700 Hz; FR 32-22,000 Hz ± 3 dB; sens 93 dB SPL/W/m; imp 8 ohms. 11 x 19 x 11 in; 24.5 lb\$550/pr

A-80 2-Way Speaker

Vented design with 8-in woofer and 1-in dome tweeter. Crossover point 2,000 Hz; FR 38-22,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 6 ohms. 11 x 19 x 10 in; 19 lb\$520/pr

A-60 2-Way Speaker

Vented design with 6 1/2-in woofer and 1-in dome tweeter. Crossover point 2,500 Hz; FR 49-22,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms\$330/pr

A-50 2-Way Speaker

Vented design with 5 1/4-in woofer and 3/4-in dome tweeter. FR 60-22,000 Hz ± 3 dB; sens 86 dB; imp 6 ohms\$220/pr

ASB

SR-IV MkIII 3-Way Speaker

Transmission-line design with two 8-in woofers, two 2-in dome midranges, and one 1-in titanium-dome tweeter. Power handling 150 W max; crossover points 450 and 3,500 Hz; FR 22-20,000 Hz ± 3 dB. Walnut veneer finish. 11 x 60 x 18 in; 80 lb\$7,195/pr

SR-III MkIII 3-Way Speaker

Transmission-line design with 8-in woofer, 2-in dome midrange, and 1-in titanium-dome tweeter. Power handling 150 W max; crossover points 500 and 3,000 Hz; FR 32-25,000 Hz ± 3 dB. Walnut veneer finish. 11 x 46 x 14 in; 70 lb\$4,995/pr

SR-II 2-Way Speaker

Transmission-line design with 6 1/2-in woofer and 1-in titanium-dome tweeter. Power handling 100 W max; crossover points 4,000 Hz; FR 35-20,000 Hz ± 3 dB. Walnut veneer finish. 9 x 36 x 12 in; 60 lb ..\$1,995/pr

AB-100 MkIII 2-Way Speaker

Bass-reflex design with 6 1/2-in woofer and 1-in soft-dome tweeter. Power handling 80 W max; crossover points 2,500 Hz; FR 48-20,000 Hz ± 3 dB. Walnut veneer finish. 11 x 20 x 8 in; 25 lb\$895/pr

ATLANTIC TECHNOLOGY

System 350 THX Series

Model 352PBM-THX Powered Subwoofer

12-in composite-cone woofer; 200-W amp. Features variable 24-dB/oct low-pass filter; optical antialiasing and DC offset protection circuitry; extruded aluminum heatsink. 1 THX input; 1 line-level input; 2 passive line-level outputs; gold RCA connectors; gold 5-way binding posts. Magnetic shielding; auto turn-on/off; amplifier phase-reverse switch\$1,499/pr

Model 351LR-THX 3-Way Speaker

Two 5 1/4-in polypropylene woofers, two 3-in polypropylene-cone midranges, and one 1-in fabric-dome tweeter. Wall mount. Features ferrofluid tweeter cooling; separate tweeter subenclosure; 24-dB/oct crossover with conjugate network. Gold 5-way binding posts. Floor pedestal optional. White\$629/pr
As above, black\$599/pr
Model 351-PED. Floor pedestal for the above. White\$179/pr
As Model 351-PED, black\$149/pr

Model 353C-THX 3-Way Center-Channel Speaker

Two 5 1/4-in polypropylene woofers, two 3-in polypropylene midranges, one 1-in fabric-dome tweeter. Features ferrofluid tweeter cooling; separate tweeter subenclosure; horizontally oriented MDF cabinet with tilting base; 24-dB/oct crossover with conjugate network. Gold 5-way binding posts. Magnetic shielding\$499

Model 354SR-THX 2-Way Surround Speaker

Twin-polar design with two 4-in polypropylene woofer

In The Mid '70s We Created Home Theater. Now We've Created A New Way To Buy It.

The people who work at Cambridge SoundWorks - including our cofounder Henry Kloss (who also founded AR, KLH and Advent) - have been involved with the concept of home theater from the beginning. In 1969 (years before VCRs and cable TV), Henry Kloss founded Advent, the company that introduced the first home theater audio/video systems - complete with big-screen TVs and digital surround sound. We have had an ongoing relationship with the people at Dolby Laboratories, creators of Dolby Surround Sound, since Henry Kloss introduced the first consumer products with Dolby noise reduction over 20 years ago. And now at Cambridge SoundWorks we believe we have set a new price-to-performance standard for home theater components.

Because we sell carefully matched and tested home theater speaker systems Factory-Direct, you can save hundreds of dollars. We believe the products on these pages represent the country's best values in high performance home theater components. Audio critics, and thousands of satisfied customers, agree. *Stereo Review* said, "Cambridge SoundWorks manufactures loudspeakers that provide exceptional sound quality at affordable prices." *Audio* suggested that we may have "the best value in the world."

Center Channel Speakers

Cambridge SoundWorks manufactures three speakers for use as center channel speakers in Dolby Pro Logic home theater systems. All three are magnetically shielded so they can be placed near a TV or computer monitor. *Model Ten-A* is a small, affordable two-way speaker. \$79⁹⁹. *Center Channel* is

essentially identical to a Cambridge SoundWorks



Ensemble satellite (but with magnetic shielding). \$149⁹⁹. *Center Channel Plus* uses an ultra-low, ultra-wide design that is ideal for placement above (or, with optional support stand, below) a TV monitor. \$219⁹⁹.

Surround Speakers

Cambridge SoundWorks makes two "dipole radiator" surround sound speakers. Dolby Laboratories recommends dipole radiator speakers for use as surround speakers. *The Surround* has a very high power handling capacity and is often selected for "high end" surround sound systems. *Audio*, describing a system that included *The Surround* said,

"In many ways the surround sensation was every bit as good as far more expensive installations." \$399⁹⁹ pr. The smaller *The Surround II* is arguably the country's best value in a dipole radiator speaker. \$249⁹⁹ pr.



Powered Subwoofers

The original *Powered Subwoofer* by Cambridge SoundWorks consists of a heavy-duty 12" woofer housed in an acoustic suspension cabinet with a 140-watt amplifier and a



built-in electronic crossover. *Stereo Review* said it provides "deep powerful bass...31.5 Hz bass output was obtainable at a room-shaking level...they open the way to having a 'killer' system for an affordable price." \$699⁹⁹.

Our *Slave Subwoofer* uses the same woofer driver and cabinet, but does not include the amplifier or crossover. It can only be used in conjunction with the *Powered Subwoofer*. \$299⁹⁹. The new *Powered Subwoofer II* uses a 120-watt amplifier with an 8" woofer. \$399⁹⁹.

Home Theater Speaker Systems

We have assembled a number of home theater speaker systems that consist of center

channel, surround and main stereo speakers. The combination we show here is our best seller. It includes our critically acclaimed *Ensemble* subwoofer satellite speaker system (with dual subwoofers), our *Center Channel Plus* and a pair of our best surround speakers, *The Surround*. You could spend hundreds more than its \$1,167⁹⁹ price without improving performance.

For information on other home theater speaker systems - or on any of the products we



make and sell - call 1-800-FOR-HIFI for your free color catalog. Thanks.

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ers and two 3/4-in Mylar-dome tweeters. Wall mountable triangular cabinet. Features ferrofluid tweeter cooling; 12-dB/oct crossover. Gold 5-way binding posts. Floor pedestal optional. White\$429/pr
As above, black\$399/pr
Model 354-PED. Floor pedestal. White\$179/pr
As Model 351-PED, black\$149/pr

System 250 Series

Model 252PBM Powered Subwoofer

12-in long-throw polypropylene driver; 150-W amplifier. Features sealed MDF cabinet; variable low-pass filter; optical antialiasing circuit. Gold 5-way binding posts; dual line-level inputs and outputs; gold RCA connectors. Auto turn-on/off; amplifier phase switch\$599

Model 251LR 2-Way Speaker

Two 4-in polypropylene woofers and one 3/4-in Mylar-dome tweeter in D'Appolito configuration. Features ferrofluid tweeter cooling; baffle engineered for minimum diffraction; MDF cabinet. Magnetic shielding. Power handling 120 W rms. White\$319/pr
As above, black\$299/pr

Model 254SR 2-Way In-Wall Surround Speaker

4-in polypropylene woofer, two 3/4-in polypropylene tweeters. Features tweeters phase inverted on angled baffle for spatial enhancement; MDF cabinet. In-wall kit optional. Power handling 120 W rms. White\$319/pr
As above, black\$299/pr

Model 253C 2-Way Center-Channel Speaker

Two 4-in long polypropylene woofers, one 3/4-in Mylar-dome tweeter. Features ferrofluid tweeter cooling. Magnetic shielding; midrange timbre control for matching 253C with different-brand front main speakers; high-frequency level control; tilting base. Power handling 120 W rms\$279

System 220 Series

Model 222PBM Powered Subwoofer

10-in long-throw polypropylene driver; 125-W amplifier. Features sealed MDF cabinet; optical antialiasing circuitry. Gold 5-way binding posts; dual line-level inputs and outputs; gold RCA connectors. Auto turn-on/off; amplifier phase switch\$499

Model 224SR In-Wall Speaker

Two 3 1/2-in polypropylene drivers. Features phase inversion and angling of drivers for spatial enhancement; MDF cabinet. In-wall kit optional. Power handling 120 W rms. White\$239/pr
As above, black\$229/pr

Model 221LR 2-Way Speaker

4-in polypropylene woofer, 1/2-in Mylar dome tweeter. Features MDF cabinet; baffle engineered for minimum diffraction. Magnetic shielding. Power handling 120 W rms. White\$229/pr
As above, black\$219/pr

Model 223C 2-Way Center-Channel Speaker

Two 3 1/2-in woofers, one 1/2-in Mylar-dome tweeter. Features ferrofluid tweeter cooling; fiberboard cabinet. Proprietary Cinema-EQ level control; magnetic shielding; tilting base. Power handling 120 W rms\$199

AUDIENCE

Au24 2-Way Bookshelf Speaker

4-in paper-cone woofer, 1-in soft-dome tweeter. Features ferrofluid tweeter cooling and damping; SideréalKap capacitors and air-core inductors. 24-karat gold-plated brass binding posts. Imp 8 ohms. 7 1/2 x 5 1/4 x 5 1/4 in; 7 lb\$499/pr

Authority Subwoofer

One 12-in paper-composite dual-voice-coil driver. Designed for use with Au24. Features passive filter network; 100% hard-wiring; silver-bearing solder; SideréalKap capacitors and air-core inductors. 24-karat gold-plated brass binding posts. FR 35-150 Hz; imp 8 ohms. 11 x 15 1/4 x 18 1/2 in; 33 lb\$499

AUDIO ADVANCEMENTS

Maxeen 2-Way Speaker

4th-order vented design with 8-in Aergel-cone woofer and 1-in textile-dome tweeter. Features cabinet cross bracing; minimum-phase crossover. Power handling 150 W max; crossover point 1,700 Hz; FR 35-20,000 Hz; sens 92 SPL/W/m; imp 8 ohms. Various finishes available. 39 1/2 x 11 x 15 in\$2,450/pr

Maxeena 2-Way Bookshelf Speaker

Proprietary vented delay-line design with 6 1/2-in woofer and 1-in silk-dome tweeter. Features minimum phase crossover. Power handling 150 W max; crossover point 2,000 Hz; FR 35-20,000 Hz; sens 91 SPL/W/m; imp 8 ohms. Various finishes available. 17 x 8 x 10 1/2 in\$1,650/pr
With stands\$2,075/pr

Maxemus Subwoofer

Compound bandpass 7th-order vented design with two 6-in polypropylene-cone drivers. Power handling 150 W max; FR 25-60 Hz; sens 91 dB; imp 8 ohms. Black-gloss or wood-veneer finish. 14 x 23 x 8 in\$750

AUDIO ARTISTRY

Dvorak Subwoofer/Satellite System

Two subwoofers, each with two 12-in drivers; two satellites, each with one 8-in woofer and one 1-in tweeter. Features active crossover. FR 20-25,000 Hz ± 2.5 dB; sens 88 dB. 175 lb\$5,990

Dvorak 2-Way Speaker

Two 8-in woofers, one 1-in metal-dome tweeter. Features active crossover with external power supply; 1 1/4-in set of spikes; biwiring. FR 40-25,000 Hz ± 2.5 dB. Black with midnight sky trim\$3,995

Vivaldi 3-Way Speaker

Two 12-in woofers, two 8-in midranges, 1-in metal-dome tweeter. Biwired. FR 40-25,000 Hz ± 2.5 dB. Black with rosewood trim\$3,495

Mozart 2-Way Speaker

Two 6-in woofers, one 1-in tweeter. Features 24-dB/oct crossover. Crossover point 1,800 Hz; FR 46-25,000 Hz ± 2.5 dB; sens 89 dB. Golden-oak or black-oak finish. 9 x 41 x 16 in; 70 lb\$2,795/pr
Mozart Signature. As above, higher-grade crossover. Rosewood finish\$3,495/pr

Dvorak Subwoofer

Two 12-in drivers. Requires Dvorak or Wotan crossover. FR 20-100 Hz. Black with midnight sky trim\$1,995/pr

AUDIO CONCEPTS/ACI

Sapphire III 2-Way Bookshelf Speaker

7-in hybrid-a-periodic Kevlar woofer, 1-in hand-damped textile-dome tweeter. Sens 90 dB SPL/W/m. Lacquered-oak, black-oak, lacquered-cherry, or unfinished-cherry finish. 10 x 16 x 10 in\$1,699/pr

Titan Powered Subwoofer

12-in driver; amp rated at 250 x 1. Crossover point variable from 50-180 Hz; FR 20-150 Hz ± 3 dB. Lacquered-oak, black-oak, lacquered-cherry, or unfinished-cherry finish. 14 x 27 x 16 in\$1,299

AUDIODYNE

Omni-Flex 2-Way Speaker

Omnidirectional two-piece system with twin transducers coupled to acoustically inert spherical diffruser. Features separate cylinder and transducer; removable transducer-head assembly; cast-iron housings; isolated crossover network; custom helical-strand wiring; radial slot port to extend bass output. Casters. Power handling 300 W; FR 29-20,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 6 ohms. 5-yr transferable parts-and-labor warranty. Lacquered light-oak veneer cylinder finish; mirrored-black trans-

fuser finish; other finishes available. 47-in height x 22-in diameter assembled\$9,500/pr

AUDIOFILE HOME THEATER

Pulse Series System 3P Home Theater System

Powered subwoofer with 8-in dual-voice-coil driver and 100-W amp; 2 front speakers; center-channel speaker; 2 surround speakers. FR 40-200 Hz subwoofer, 20-20,000 Hz front, 80-18,000 Hz center, 40-20,000 Hz surround. Black pica finish. 72 lb\$500

VRS-1205 Powered Subwoofer

One 12-in long-throw dual-voice-coil driver; 100-W amp. Crossover point adjustable from 40-200 Hz; imp 8 ohms. Black Zeldawood finish. 15 x 17 x 16 1/2 in; 39 lb\$500

Pulse Series System Three Home Theater System

Subwoofer with 8-in driver; two front speakers; center-channel speaker; 2 surround speakers. FR 20-20,000 Hz front, 80-18,000 Hz center, 40-20,000 Hz surround; imp 8 ohms. Black pica finish. 69 lb\$400

Pulse Series System Two. As above, without front speakers. 32 lb\$250

Pulse Series System One. As System Two, without subwoofer. 16 lb\$150

Sub 6.5-A2 Powered Subwoofer

Two 6 1/2-in drivers; 100-W amp. FR 40-200 Hz; imp 8 ohms. Black-ash finish. 22 x 9 x 14 in; 35 lb\$360

VRS 605 3-Way Speaker

Bass-reflex design with two 6 1/2-in poly-impregnated woofers and one 1-in silk-dome tweeter. Power handling 100 W rms; FR 30-20,000 Hz; imp 8 ohms. Black Zeldawood finish. 10 x 31 x 8 1/2 in; 35 lb\$300

AF-1200 Subwoofer/Satellite System

Subwoofer with 12-in driver; two satellites, each with 4-in midrange and 1-in soft-dome tweeter. Power handling 100 W rms; FR 40-20,000 Hz; imp 8 ohms. Black-ash finish. 42 lb\$299

VRS-205 2-Way Surround Speaker

One 5 1/2-in poly-impregnated woofer, one 2 1/2-in dome tweeter. Magnetic shielding. Power handling 50 W rms; FR 60-20,000 Hz; imp 8 ohms. Black Zeldawood finish. 6 3/4 x 10 3/4 x 5 1/4 in; 17 lb\$200/pr

M-6.5 2-Way Bookshelf Speaker

6-in woofer, 1-in soft-dome tweeter. Power handling 55 W rms; FR 60-20,000 Hz; imp 8 ohms. Black-ash finish. 8 1/2 x 15 x 8 in; 12 lb\$200/pr

M-12.0 3-Way Speaker

12-in woofer, 3-in midrange, 1-in soft-dome tweeter. Power handling 120 W rms; FR 35-20,000 Hz; imp 8 ohms. Black-ash finish. 14 x 30 x 11 in; 32 lb\$150

VRS-105 3-Way Center-Channel Speaker

Two 5 1/2-in poly-impregnated woofers, one 2 1/2-in dome tweeter. Power handling 50 W rms; FR 55-20,000 Hz; imp 8 ohms. Black Zeldawood finish. 19 x 6 1/4 x 5 1/4 in; 14 lb\$150

Sat 4.0 2-Way Surround Speaker

4-in woofer, 1-in soft-dome tweeter. Power handling 50 W rms; FR 65-20,000 Hz; imp 8 ohms. Black-ash finish. 6 1/2 x 10 x 5 1/2 in; 7 lb\$150/pr

TV-4.5 2-Way Center-Channel Speaker

Two 4 1/2-in woofers, one 3/4-in dome tweeter. Power handling 50 W rms; FR 100-8,000 Hz; imp 8 ohms. Black-ash finish. 15 1/4 x 6 x 7 in; 11 lb\$130

AUDIO NOTE

Model 3/L 2-Way Speaker

Rear-ported design with 8-in paper-cone woofer and 3/4-in ferrofluid-cooled dome tweeter. Features Audio Note AN-L pure-copper wiring. Imp 6 ohms. Black-ash veneer finish. 14 1/2 x 32 x 11 1/2 in; 43 lb\$2,995/pr
Model 3/SPX. As above, Audio Note AN-SPX pure-silver wiring. Mahogany-ash or rosewood veneer finish available\$4,795/pr

"This Is The Best \$199 You Can Spend On Yourself"

PC magazine

SoundWorks™ – our amplified speaker system may well be the most exciting product ever designed by Henry Kloss – and the most affordable. Never before has so much high quality, wide-range, natural, "big" sound come from such a small, affordable system. It is ideal for hundreds of applications.



Henry Kloss *SoundWorks* consists of

two satellite speakers (app. 3 1/2" x 3 1/2" x 3 1/2") and a compact, subwoofer cabinet that encloses a 4" woofer, a 3-channel amplifier, equalization and crossover electronics, as well as a control panel.

The Satellites.

The small satellites are magnetically shielded so they can be used very close to a TV or computer monitor. They contain a remarkable 2" speaker driver with a long-throw/wide-range design that reproduces

"SoundWorks has the most natural musical timbre."

The New York Times

high and mid frequencies down to 150 Hz, without the need for a "midrange" driver. *SoundWorks* comes with satellites finished black, or in "computer-beige." They can be used as is, hung on walls using their back-panel slot, used with their mini-stands, or they can be attached to a computer monitor with our velcro kit (supplied).

"...head and shoulders above the others..."

MacUser magazine

The Subwoofer.

The subwoofer cabinet (a little bigger than a shoe box: 5" x 8" x 9") reproduces only non-directional bass so it can be placed in out-of-the-way places – behind your TV set, under your desk, or in back of furniture. It contains a 3-channel amplifier that's been precisely tailored to match the speaker drivers. Its control panel includes a stereo mini-jack input for connecting to a computer or



\$199⁹⁹

Amplified Subwoofer/satellite speaker system

a portable CD player, a "set and forget" bass level control, and connecting terminals for the satellite speaker wires. It also has an input for a 12 volts – so you can plug *SoundWorks* into the cigarette lighter in your car or boat!

The Sound.

In terms of frequency range, tonal balance, stereo imaging and overall sound, *SoundWorks* compares very favorably with component music systems costing far more. It just doesn't seem possible that a system so small could produce a sound so "big." But it does.

The Applications.

Because of its small size and price, and because of its magnetically shielded satellites, *SoundWorks* is ideal for use as a multimedia speaker with any computer. It fits easily into smaller rooms – like kitchens, dens, dorms and bedrooms. Its 12-volt capabilities make it perfect for boats, campers and cars. And with our optional carrybag, you can travel with it.

The Price.

You can buy *SoundWorks* direct from Cambridge SoundWorks, for only \$199⁹⁹. We haven't heard a system for anywhere near its price that we think sounds nearly as good.

"...really amazing...exceptionally good... sounds terrific."

Audio magazine

We Eliminate The Risks.

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Because SoundWorks is so compact, and because it works on 110 or 12-volts, it's perfect for cars, RV's and boats. With our optional carrybag (\$49⁹⁹), it makes an ideal musical traveling companion. You can even play the system while it's in the carrybag.

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**CAMBRIDGE
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BY HENRY KLOSS



Includes
Guide To
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At Cambridge SoundWorks we make speakers and music systems designed by Henry Kloss (founder of AR, KLH & Advent). We sell them—and components from companies like Sony, Pioneer, Philips, Carver and others—factory-direct, with no expensive middlemen. For example, a Dolby Pro Logic Surround Sound system with Model Six speakers, rear speakers, a Sony Pro Logic receiver and remote is only \$747. Call today and find out why *Audio* magazine said we may have "the best value in the world."

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**Bill Machrone
PC Magazine**



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S P E A K E R S

Model 3/SE-Silver. As Model 3/SPX, with pure-silver voice-coil wiring, pure-silver wire inductors, and Black Gate bipolar capacitors. Birds-eye maple veneer finish available \$9,750/pr

Model 2/L. As Model 3/L, except 13 x 23 x 9 1/2 in. 28 lb \$1,995/pr

Model 2/SPX. As Model 3/SPX, 13 x 23 x 9 1/2 in. 28 lb \$3,395/pr

Model 2 SE-Silver. As Model 3/SE, 13 x 23 x 9 1/2 in. 28 lb \$12,600/pr

Model 1/L 2-Way Speaker

Acoustic-suspension design with 8-in paper-cone woofer and 3/4-in ferrofluid-cooled dome tweeter. Features Audio Note AN-L pure-copper wiring. Imp 8 ohms. Black-ash veneer finish. 10 3/4 x 18 1/2 x 8 1/2 in; 19 lb \$1,295/pr

Model 1/SPX. As above, Audio Note AN-SPX pure-silver wiring. Rosewood veneer finish \$2,395/pr

Model 1/SE. As Model 1/SPX, pure-silver wire inductors and Black Gate bipolar capacitors. Birds-eye maple veneer finish available \$7,895/pr

AUDIO PHYSIC

The following, except Medea, feature a cherry wood finish. All drivers are computer-matched to ±0.5 dB tolerance.

Medea 2-Way Speaker

Three 8-in woofers and three 8-in midrange/tweeters. Tuned cabinets; patented driver diaphragms. Power handling 400 W; FR 21-24,000 Hz -3 dB; sens 91 dB; imp 4 ohms. Dyed birds-eye maple; anthracite and black. 9 1/2 x 43 3/4 x 19 1/2 in; 200 lb \$40,000/pr

Caldera 3-Way Speaker

Two 6-in woofers, two 6 1/2-in midranges, and one 1-in tweeter in 3 separate cabinets. Features push-push woofer configuration; pneumatically midrange correction; patented magnet system. Power handling 200 W; FR 32-22,000 Hz -3 dB; sens 86 dB; imp 4 ohms. 9 1/2 x 43 3/4 x 19 1/2 in; 118 lb \$17,995/pr

Avanti 3-Way Speaker

Two 6-in woofers, one 4 1/2-in midrange, one 1-in tweeter. Features push-push woofer configuration; separate integrated midrange/tweeter cabinet. Bi-wire/biamp terminals. Adjustable tweeter level. Power handling 250 W; FR 22-34,000 Hz -3 dB; sens 86 dB; imp 4 ohms. 6 1/2 x 39 1/4 x 16 1/4 in; 100 lb \$7,500/pr

Virgo 3-Way Speaker

Two 6-in woofers, one 3 1/2-in midrange, one 3/4-in tweeter. Features push-push woofer configuration. Bi-wire/biamp terminals. Power handling 150 W; FR 34-21,000 Hz -3 dB; sens 90 dB; imp 4 ohms. 6 1/2 x 39 1/4 x 16 1/4 in; 57 lb \$4,995/pr

Terra Powered Subwoofer

Two 10-in drivers; 300-W amp. Features velocity-feedback woofer-impulse control; resonance-free cabinet adjustable for room-size and wall stiffness. Ability to restrict high end of bandwidth to 35, 46, or 61 Hz. Power handling 300 W; FR 10-80 Hz -3 dB. 29 x 18 1/2 x 18 1/2 in; 88 lb \$4,995

Tempo 2-Way Speaker

6 1/2-in hand-coated Kevlar woofer, 1-in pure-aluminum diamond-embossed tweeter. Features phase-corrected cabinet face; internal diffuser. Power handling 150 W; FR 36-27,000 Hz ±3 dB; sens 85 dB; imp 8 ohms. 9 x 41 x 18 1/2 in; 56 lb \$2,995/pr

Step 2-Way Bookshelf Speaker

3 1/2-in woofer, 3/4-in plasma-coated tweeter. Features molded tweeter diffusers; no crossover; woofer directly coupled to inputs; internal diffuser. Power handling 60 W; FR 60-25,000 Hz ±3 dB; sens 84 dB; imp 4 ohms. 5 1/2 x 13 x 9 in; 11 lb \$1,395/pr

AUDIOSOURCE

SW-Six Powered Subwoofer

12-in dual-voice-coil driver; subwoofer amp rated at 150 W rms; integral satellite amp rated at 50 W x 2.

Features tuned and ported cabinet. Line- and speaker-level inputs and outputs. Remote master-level, subwoofer-level, crossover-point and power controls; remote control. Subwoofer crossover point variable from 40-180 Hz; FR 20-20,000 Hz. Black-ash woodgrain cabinet. 12 1/2 x 15 1/2 x 18 in; 42 lb \$699

SW-Five Powered Subwoofer

12-in dual-voice-coil driver; amp rated at 150 W. Features tuned and ported cabinet. Line-level RCA and binding-post speaker inputs and outputs. Magnetic shielding; auto turn-on; remote control with input-level and crossover-point controls. Crossover point variable from 40-180 Hz; FR 20-250 Hz. Black-ash woodgrain cabinet. 12 1/2 x 15 1/2 x 18 in; 39 lb \$599

SW-Four Powered Subwoofer

12-in dual-voice-coil driver; amp rated at 150 x 1 rms. Line- and speaker-level inputs and outputs. Phase-reverse switch; auto turn-on/off; input-level control. Crossover point variable from 40-180 Hz; FR 20-250 Hz. 12 1/2 x 19 1/2 x 15 1/2 in; 35 lb \$500

SW-Two Powered Subwoofer

10-in driver; amp rated at 100 W. Features tuned and ported cabinet. RCA and spring-loaded speaker inputs and outputs. Auto turn-on/off; input-level and crossover-point controls. Crossover point variable from 40-180 Hz; FR 20-250 Hz. Black-ash woodgrain cabinet. 11 1/2 x 15 x 14 in; 35 lb \$399

Project One 2-Way Outdoor Speaker

4-in carbon-fiber reinforced-polypropylene woofer, 3/4-in polycarbonate tweeter. Front baffle offset for time/phase alignment; weather-resistant polyurethane cabinet. Magnetic shielding; integral pivoting bracket doubles as stand. Power handling 100 W; FR 60-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. White, black, or computer-platinum. 6 1/2 x 9 x 6 1/2 in; 6 lb \$299/pr

VS-1.1 Center/Surround System

VS-One center-channel speaker; two LS-Ten/A surround speakers, each with 4-in woofer and 1-in tweeter. Includes 100-ft 18-gauge speaker cable. Black-matte surround finish \$200

LS-7 3-Way Outdoor Speaker

One 4-in polypropylene/carbon-fiber woofer, one 2-in Mylar tweeter, one 3/4-in piezo supertweeter. Weather-resistant design. Includes mounting brackets. Power handling 40 W max; sens 87 dB; imp 8 ohms. Black or white die-cast aluminum cabinet. 4 1/2 x 7 1/2 x 4 1/2 in \$100/pr

In-Wall Speakers

IW-Three 2-Way In-Wall Speaker

8-in woofer, 1-in soft-dome tweeter. Power handling 100 W max; crossover point 2,500 Hz; FR 50-20,000 Hz; sens 92 dB; imp 8 ohms. Mounting depth 3 1/2 in. White grille \$250/pr

IW-Two 2-Way In-Wall Speaker

6 1/2-in polycarbonate woofer, 1-in soft-dome tweeter. Power handling 75 W max; crossover point 3,000 Hz; FR 70-20,000 Hz; sens 90 dB; imp 8 ohms. Mounting depth 3 1/2 in. White grille \$200/pr

IW-Four In-Wall Subwoofer

8-in driver. Power handling 100 W max; crossover point 120 Hz; FR 30-500 Hz; sens 90 dB; imp 8 ohms. Mounting depth 3 1/2 in. White grille \$150

IW-One 2-Way In-Wall Speaker

5 1/2-in polycarbonate woofer, 1/2-in polyimide tweeter. Power handling 75 W max; crossover point 5,000 Hz; FR 80-20,000 Hz; sens 90 dB; imp 8 ohms. Mounting depth 3 in. White grille \$130/pr

Center-Channel Speakers

VS-Four 2-Way Center-Channel Speaker

Two 4-in polypropylene/carbon-fiber woofers, one 4-in coaxial. Magnetic shielding. Power handling 60 W max; crossover point 5,000 Hz; FR 60-20,000 Hz; sens 93 dB; imp 8 ohms. Black composite-resin cabinet with woodgrain finish. 16 1/2 x 5 1/2 x 5 1/2 in; 7 lb \$180

The Critics Love Ensemble Speakers. You'll Love Our Factory-Direct Prices.



Ensemble

Audio magazine once said our Ensemble® speaker system may be "the best value in the world." And Stereo Review said, "It's hard to imagine going wrong with Ensemble." Dozens of critics and thousands of customers have applauded our Ensemble, Ensemble II and Ensemble III speaker systems. Designed by Henry Kloss (founder of AR, KLH and Advent), they became best sellers by offering quality construction and accurate, wide-range music reproduction — at Factory-Direct prices.

Ensemble

Our current Ensemble is an improved version of our original dual-subwoofer/satellite speaker system. It maintains the dual subwoofer design, which allows for maximum room placement flexibility. Placement of bass and high-frequency speakers in a room (and how those speakers interact with the room) has more influence on the sound quality of a music system than just about anything. Ensemble's ultra-slim subwoofers give



Our Ensemble & Ensemble II sub/sat speaker systems are now available finished in white.

you more placement flexibility than any system we know of, and are most likely to provide the performance you want in the real world...in your room. Having two, compact subwoofers lets you move them around, experiment, and find that placement that gives you exactly the sound you want. This is one of the reasons Esquire described

Ensemble by saying "you get 30 days to return the speakers or keep them, but you'll keep them."

New Woofer And Tonal Balance Controls.

Ensemble maintains the tonal balance, frequency range and quality of construction of the original. There are two basic changes.

1. Ensemble now uses a new 8" woofer with a very long "throw" for more linear cone excursion and more accurate bass. An integral heat sink provides improved power handling.

2. Ensemble's satellite speakers use the same speaker drivers and crossover as the original, but with new midrange and high frequency controls.

The midrange control lets you choose the same output in the key 800-1600 Hz octave as in the original, or you can emphasize it by 2 dB. Ensemble satellites have relatively less output in this range to avoid the "boxy" sound of many speakers. This results in an "open" sound on large-scale

symphonic works. For small-scaled music, the higher output position proves a "warmer" sound.

A three-position high frequency control can subtly increase the system's "airiness," or reduce any tendency towards "edginess."

We believe our Ensemble system competes head-on with speakers selling for hundreds more. Available with black-laminate subwoofers for \$629⁹⁹, or with vinyl-clad subwoofers for \$549⁹⁹.

Ensemble II

Ensemble II is an improved version of our best-selling system. It's more affordable than Ensemble because it uses one cabinet for both subwoofer speakers. Ensemble II maintains the tonal balance, frequency range, power handling and construction quality of the original. But its satellite speakers use the same new tonal balance controls as Ensemble's.

Ensemble II also has a new flared subwoofer port. The subwoofer cabinet encloses two 6 1/2" long throw woofers mounted in a sealed "acoustic suspension" chamber. They project into a second chamber fitted with the flared port, which provides smoother air flow, eliminating extraneous noise on strong bass notes.

We think Ensemble II outperforms other speakers in its category, including well-known models for about twice the price. \$439⁹⁹.



Ensemble III

Ensemble III is our most compact, most affordable subwoofer/satellite speaker system. Its satellite speakers are only 4 1/2" x 6 1/2" x 3" and its subwoofer is 8" x 8" x 15".

Compared to Ensemble II, Ensemble III gives up a little in power handling, low bass range, and efficiency.

Unlike the "cube" satellite speakers you'll find in most similarly priced systems, Ensemble III's satellites are two-way speakers.

Ensemble III's 6 1/2" woofer uses two voice coils in a cabinet with a flared port for smooth air flow.

With most recordings Ensemble III will sound virtually identical to Ensemble II. It simply won't play as loud. Its construction quality is normally found only in much more expensive speakers. Price, including Hook-Up Guide and Dolby Surround Guide, is only \$329⁹⁹.

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SPEAKERS

VS-Two 2-Way Powered Center-Channel Speaker
Two 4-in woofers, one 1-in dome tweeter; amp rated at 30 x 1. Magnetic shielding. Power handling 50 W max; crossover point 5,000 Hz; FR 70-20,000 Hz; sens 93 dB; imp 8 ohms. Black woodgrain finish. 13 1/4 x 5 1/2 x 5 1/2 in; 6.8 lb\$160
VS-One. As above, without amplifier\$120

AUDIO-TECHNICA

CS2000 Home Theater System

Subwoofer with 8-in driver; left, right, center, and surround speakers, each with 4-in woofer and 3/4-in tweeter; amplification rated at 160 W rms. Features wireless 900-MHz surround speaker. Dolby Pro Logic decoder; remote control. Includes interconnect cable. FR 40-20,000 Hz\$600

MMS557 2-Way Powered Mini Speaker System

Two bass-reflex speakers, each with 4-in woofer and 3/4-in tweeter; 20-W rms amp. Features built-in power supply. Line-level inputs. Magnetic shielding. Includes removable desktop stands, interconnect cable, and Y adaptor for mini-plug to 2 RCA plugs. FR 80-20,000 Hz; sens 89 dB SPL/W/m\$150

AUDIOVECTOR

The following are handcrafted and feature diffraction damping, perimeter bracing, and a 3-year warranty.

Model VI 3-Way Speaker

Bass-reflex design. Features octagonal cabinet; edge-wound woofer voice coil; 3-layer baffle. Gold-plated triwire/triamp terminals. Power handling 250 W; crossover points 125, 600, and 3,500 Hz; FR 30-20,000 Hz ± 2 dB; sens 92.5 dB SPL/W/m; imp 6 ohms. Black piano-lacquer finish\$6,500

Model V 3-Way Speaker

Bass-reflex design with long-throw woofer. Features hexagonal cabinet; crossover with metalized polypropylene capacitors and glass-fiber printed circuit board; 2-layer baffle with felt cover. Gold-plated triwire/triamp terminals. Power handling 200 W; crossover points 125, 600, and 2,900 Hz; FR 35-21,000 Hz ± 2 dB; sens 91 dB SPL/W/m; imp 8 ohms. Cuba mahogany finish\$4,395
Black stained-ash finish\$3,995

Model III X 2-Way Speaker

Hand-built metal-dome tweeter. Features 3-layer baffle. Gold-plated biwire/biamp terminals. Power handling 150 W; crossover points 125 and 2,900 Hz; FR 40-21,000 Hz ± 2 dB; sens 89.5 dB SPL/W/m; imp 8 ohms. Cuba mahogany finish\$2,495
Black stained-ash finish\$2,295
Scandic white finish\$2,195

Model II X 2-Way Speaker

Bass-reflex design with carbon-fiber cone woofer, hand-built soft-dome tweeter. Features 2-layer baffle. Gold-plated biwire/biamp terminals. Power handling 120 W; crossover points 160 and 2,900 Hz; FR 45-21,000 Hz ± 2 dB; sens 89.5 dB SPL/W/m; imp 8 ohms. Black stained-ash finish\$1,595
Scandic white finish\$1,495

Model I X 2-Way Speaker

Bass-reflex design. Features crossover with glass-fiber printed circuit board; 2-layer baffle. Gold-plated biwire/biamp terminals. Power handling 80 W; crossover point 3,000 Hz; FR 50-21,000 Hz ± 2 dB; sens 88 dB SPL/W/m; imp 8 ohms. Black stained-ash finish\$1,295
Scandic white finish\$1,195

AVALON ACOUSTICS

The following feature a limited 5-year warranty.

Ascent 3-Way Speaker

11-In Nomex/Kevlar-composite woofer, 2-in aluminum/magnesium-dome midrange, 1-in titanium-dome tweeter. Features outboard crossover. Power handling 500 W; FR 28-24,000 Hz; sens 87 dB

SPL/W/m; imp 6 ohms. Maple, cherry, or walnut hardwood finish. Crossover 12 x 32 x 12 In; 55 lb. Speaker 13 x 45 x 18 in; 175 lb\$16,500/pr

Radian HC 3-Way Speaker

Two 9-in Nomex/Kevlar-composite woofers, one 3 1/2-in Nomex/Kevlar-composite midrange, one 1-in titanium-dome tweeter. Power handling 500 W; FR 20-24,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms. Maple, cherry or walnut hardwood finish. 12 x 48 x 19 in; 170 lb\$12,500/pr

Radian 3-Way Speaker

Two 9-in Nomex/Kevlar-composite woofers, one 3 1/2-in Nomex/Kevlar-composite midrange, one 1-in titanium-dome tweeter. Power handling 500 W; FR 20-24,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms. Maple, cherry, or walnut hardwood finish. 12 x 48 x 19 in; 170 lb\$10,500/pr

Eclipse 2-Way Speaker

9-In Nomex/Kevlar-composite woofer, 1-in titanium-dome tweeter. Power handling 300 W; FR 35-24,000 Hz; sens 86 dB SPL/W/m; imp 6 ohms. Maple, cherry, or walnut hardwood finish. 11 x 39 x 15 in; 95 lb\$7,600/pr

Avatar 2-Way Speaker

8-in Nomex/Kevlar-composite woofer, 1-in titanium-dome tweeter. Power handling 200 W; FR 35-24,000 Hz; sens 85 dB SPL/W/m; imp 6 ohms. Cherry hardwood finish. 10 x 34 x 13 in; 65 lb\$4,350/pr

Monitor 2-Way Bookshelf Speaker

7-in Nomex/Kevlar-composite woofer, 1-in titanium-dome tweeter. Power handling 150 W; FR 48-24,000 Hz; sens 87 dB SPL/W/m; imp 6 ohms. Walnut hardwood finish. 9 x 18 x 11 in; 31 lb\$2,695/pr

AVID DYNAMICS

Sterling Series

The following feature a 5-year parts-and-labor warranty and include a light or dark walnut-vinyl finish and a brown double-knit grille.

Sterling Series 120 2-Way Speaker

10-in polypropylene woofer, 1-in soft-dome tweeter. Sens 90 dB SPL/W/m; imp 8 ohms. 13 x 27 1/2 x 10 1/2 in\$480/pr

Sterling Series 80 2-Way Bookshelf Speaker

8-in polypropylene woofer and 1-in dome tweeter. Sens 90 dB SPL/W/m; imp 8 ohms. 11 x 17 1/2 x 9 in\$340/pr

Sterling Series 60 2-Way Bookshelf Speaker

6 1/2-in polypropylene woofer, 3/4-in hard-dome tweeter. Crossover point 3,500 Hz; FR 65-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 9 1/2 x 15 1/2 x 7 1/2 in\$250/pr

Home Video Series

Model 12-HVS 2-Way Speaker

10-in passive radiator, 6 1/2-in polypropylene woofer, 1-in dome tweeter. Magnetic shielding. Crossover point 2,200 Hz; FR 42-20,000 Hz ± 3 dB; sens 92 dB SPL/W/m; imp 8 ohms. 5-yr warranty. Walnut or black finish. 11 x 34 x 10 in\$465/pr

Model 10-HVS. As above, 8-in passive radiator. Crossover point 2,300 Hz; FR 47-20,000 Hz ± 3 dB. 13 x 24 x 10 in\$375/pr

Model 7-HVS Neat 2-Way Bookshelf Speaker

Vented design with 5 1/4-in poly woofer and 3/4-in ferrofluid-cooled hard-dome tweeter. Crossover point 5,500 Hz; FR 53-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 5-yr warranty. Oak or black vinyl finish. 11 x 18 x 8 in\$275/pr

Model 5-HVS Peanut. As above, 7-in poly woofer. Crossover point 8,000 Hz; FR 65-20,000 Hz ± 3 dB; sens 89 dB SPL/W/m. 6 1/2 x 10 x 7 in\$200/pr

Continental Series

Model 80/2 2-Way Bookshelf Speaker

8-in woofer, 3/4-in dome tweeter. Walnut-grain finish.

9 1/2 x 14 1/2 x 6 in\$340/pr
Model 60/2. As above, 6 1/2-in woofer\$250/pr

AV LINE

The Time True woofer/tweeter alignment is designed to deliver sound from both drivers simultaneously for improved definition and clarity. The Bass Tuned design uses an adjustable port to recover bass energy.

Odture 5 2-Way Outdoor Speaker

Thiele-Small bass-port design with one 5 1/4-in carbon fiber-filled polypropylene-cone woofer and one 1/2-in liquid-cooled polymer-dome tweeter. Features Time True woofer/tweeter alignment; plastic and Medite construction; perforated water-shedding grille design. PVC inputs for underground wiring. 360° swiveling; speaker-to-base locking mechanism. Imp 4 ohms. Paintable. 8 x 22 1/2 x 10 in\$400/pr

Architectural Speaker Series

W8+ 2-Way In-Wall Speaker

8-in polypropylene woofer, 1-in soft-dome tweeter. Features Time True woofer/tweeter alignment. Pre-construction brackets and cabinet optional. Imp 8 ohms. 10 1/2 x 14 1/2 x 3 1/2 in\$450/pr

ASUB In-Wall Subwoofer

Dual-chamber asymmetrically tuned bandpass design with 10-in dual-voice-coil fiber-filled polypropylene driver. Designed for use with W5, W5P+, W6P+, or W8+. Features bass vented into room through 3 x 10 1/2-in slot port; 90-Hz low-pass crossover; Medite construction. Imp 6 ohms. White finish\$400

W6P+ 2-Way In-Wall Speaker

Bass Tuned design with 6 1/2-in polypropylene woofer and 1-in soft-dome tweeter. Features Time True woofer/tweeter alignment. Pre-construction brackets and cabinet optional. Crossover point at 3,000 Hz; imp 8 ohms. 8 1/2 x 12 x 3 1/2 in\$350/pr

W5P+ 2-Way In-Wall Speaker

Bass Tuned design with 5 1/4-in polypropylene woofer and 1-in soft dome tweeter. Features Time True woofer/tweeter alignment. Pre-construction brackets and cabinet optional. Imp 8 ohms. 7 1/2 x 11 x 2 1/2 in\$250/pr

W5 2-Way In-Wall Speaker

Acoustic-suspension design with 5-in polypropylene woofer and 3/4-in hard-dome tweeter. Pre-construction brackets optional. Imp 8 ohms. 7 x 9 1/2 x 2 1/2 in\$180/pr

A.W.H.

The following feature a bipolar design with two full-range Mylar drivers with Linear Excursion Acoustic Dispersion technology.

AWH180A Speaker

Power handling 100 W max; sens 96 dB SPL/W/m; imp 8 ohms. Black. 12 1/2 x 60 x 2 1/2 in; 60 lb\$1,100/pr

AWH90A Speaker

Power handling 75 W max; sens 91 dB SPL/W/m; imp 8 ohms. Black. 12 x 24 x 2 1/2 in; 15 lb\$416/pr

AXIOM

AX-3 2-Way Speaker

Dual-enclosure design with 8-in woofer, 5-in midrange, 1-in dome tweeter. Crossover points and 150 and 3,000 Hz; FR 36-22,000 Hz ± 2 dB; sens 88 dB SPL/W/m; imp 4 ohms. Black or rosewood finish. 11 x 32 x 11 in\$849/pr

AX-5. As above, 10-in woofer. Crossover points 500 and 3,000 Hz; FR 29-22,000 Hz ± 2 dB; sens 87 dB SPL/W/m. 12 x 38 x 16 in\$1,499/pr

AX-500 Subwoofer

Tuned-port design with 10-in driver. FR 29-120 Hz;

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Mirage

sens 87 dB SPL/W/m; imp 4 ohms. Black or rosewood finish. 24 x 12 x 16 in\$599
AX-150. As above, FR 35-120 Hz, sens 90 dB SPL/W/m\$279
AX-120. As AX-500, 8-in driver. FR 40-120 Hz. 10 x 15 x 11 in\$149

AX-1-2-Way Bookshelf Speaker

Tuned-port design with 5-in woofer and 1-in dome tweeter. FR 70-22,000 Hz ± 2 dB; sens 87 dB SPL/W/m; imp 4 ohms. Black or rosewood finish. 6 x 12 x 7 in\$549/pr

AX-2-2-Way Speaker

Tuned-port design with 8-in woofer and 1-in dome tweeter. Crossover point 3,200 Hz; FR 40-22,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 6 ohms. Black or rosewood finish. 10 x 24 x 11 in\$469/pr
AX-2. As above, bookshelf version. FR 48-22,000 Hz ± 2 dB. 10 x 19 x 11 in\$399/pr

AX-1.2-2-Way Bookshelf Speaker

Tuned-port design with 5-in woofer and $\frac{3}{4}$ -in dome tweeter. Crossover point 3,500 Hz; FR 70-22,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Black or rosewood finish. 6 x 12 x 7 in\$149/pr
AX-1.5 Bookshelf. As above, $\frac{6}{8}$ -in woofer and $\frac{3}{4}$ -in tweeter. FR 50-22,000 Hz ± 2 dB; sens 89 dB SPL/W/m. 8 x 15 x 10 in\$199/pr
AX-1.5. As AX-1.5 Bookshelf, floor-standing version. FR 45-22,000 Hz ± 2 dB. 8 x 19 x 10 in\$279/pr

AX-1.2 2-Way Center-Channel Speaker

Two 5-in woofers, one $\frac{3}{4}$ -in tweeter. Crossover point 3,500 Hz; FR 70-22,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Black or rosewood finish. 6 x 17 x 7 in\$99

BAG END

Each 2-way speaker incorporates Time Align technology, a physical and electronic alignment of its drivers, and the patented ELF (Extended Low Frequency) circuit.

TA12-O 2-Way Speaker

Ported design. Power handling 400 W; FR 70-19,000 Hz; sens 103 dB SPL/W/m; imp 8 ohms. Oak veneer finish. 18 x 23 x 15 in; 55 lb\$1,756/pr
TA12-B. As above, but in 13-ply Finland birch enclosure\$1,756/pr

TA12jr-O 2-Way Speaker

Ported design. Features fiberboard cabinet. Power handling 300 W; FR 75-19,000 Hz; sens 101 dB SPL/W/m; imp 8 ohms. Oak veneer finish. 14 x 21 x 12 in; 40 lb\$1,460/pr
TA12jr-B. Above, 13-ply Finland birch\$1,436/pr

S18E-O Subwoofer

Sealed design with 18-in driver. Requires outboard ELF processor. Features fiberboard enclosure. Power handling 400 W with ELF engaged; FR 8-70 Hz with ELF engaged; sens 92 dB SPL/W/m; imp 8 ohms. Oak veneer finish. 22 x 22 x 18 in; 65 lb\$978
S18E-B. Above, 13-ply Finland birch\$978

D10E-O Subwoofer

Sealed design with two 10-in drivers. Requires outboard ELF processor. Power handling 400 W with ELF engaged; FR 8-70 Hz with ELF engaged; sens 92 dB SPL/W/m; imp 4 ohms. Oak veneer finish. 22 x 13 x 13 in; 54 lb\$828

S10E-I Subwoofer

Sealed design with 10-in driver. Requires outboard ELF processor. Power handling 150 W with ELF engaged; FR 8-70 Hz with ELF engaged; sens 92 dB SPL/W/m; imp 8 ohms. Black. 14 $\frac{1}{2}$ x 13 x 11 $\frac{1}{2}$ in; 26 lb\$388
S10E-O. Above, 13-ply Finland birch\$420

B & W

Matrix 800 3-Way Speaker

Two 12-in woofers, two 5-in cone midranges, one

$\frac{1}{4}$ -in gold-dome tweeter. Features modular cabinets with matrix construction. Power handling 800 W; FR 20-20,000 Hz ± 2 dB; sens 93 dB SPL/W/m; imp 4 ohms. 242 lb\$15,000/pr

Matrix 801 Series 3-3-Way Speaker

Vented design with 12-in woofer, 5-in Kevlar midrange, and 1-in metal-dome tweeter. Features 4th-order Butterworth filters; electronic bass-alignment filter. Power handling 600 W; crossover points 380 and 3,000 Hz; FR 20-20,000 Hz ± 2 dB; sens 87 dB SPL/W/m; imp 8 ohms. Walnut or black-ash finish. 17 x 39 $\frac{1}{4}$ x 22 in; 119 lb\$5,500/pr

Matrix 802 Series 3-3-Way Speaker

Vented design with two 8-in polymer woofers, one 5-in Kevlar midrange, and one 1-in metal-dome tweeter. Features 4th-order Butterworth filters; electronic-bass alignment filter. Power handling 500 W; crossover points 400 and 3,000 Hz; FR 27-20,000 Hz ± 2 dB; sens 90 dB SPL/W/m; imp 8 ohms. Walnut or black-ash finish. 11 $\frac{1}{4}$ x 41 x 14 $\frac{1}{2}$ in; 70 lb\$4,000/pr

Matrix 803 Series 2-3-Way Speaker

Vented design with two $\frac{6}{8}$ -in Cobex-cone woofers, one 6-in Kevlar midrange, and one 1-in metal-dome tweeter. Features bass-alignment filter; magnetic-fluid tweeter cooling. Power handling 250 W max; FR 25-22,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black-ash or walnut veneer finish. 11 $\frac{1}{4}$ x 40 $\frac{1}{4}$ x 13 $\frac{1}{4}$ in; 58 lb\$3,000/pr

Matrix 804 3-Way Speaker

Vented design with $\frac{6}{8}$ -in Cobex-cone woofer, $\frac{6}{8}$ -in Kevlar midrange, and 1-in metal-dome tweeter. Features bass-alignment filter; magnetic-fluid tweeter cooling. Power handling 200 W; FR 31-20,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black-ash or walnut veneer finish. 10 $\frac{1}{4}$ x 36 $\frac{1}{4}$ x 10 $\frac{1}{4}$ in; 43 lb\$2,200/pr

The House Pod 2-Way Speaker

Vented design with $\frac{6}{8}$ -in Kevlar woofer and 1-in metal-dome tweeter in sculpted and curved fiberglass cabinet. Features ferrofluid tweeter cooling. Bi-wire/biamp terminals. Magnetic shielding. Includes mounting brackets. Power handling 120 W; crossover point 3,000 Hz; FR 45-20,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black, red, blue, or white finish. 19 x 20 $\frac{1}{2}$ x 13 $\frac{1}{2}$ in; 17.6 lb\$1,900/pr

P6 3-Way Speaker

Bass-reflex design with $\frac{6}{8}$ -in Cobex woofer, $\frac{6}{8}$ -in Kevlar midrange, and 1-in neodymium time-aligned metal-dome tweeter. Features 6-dB/oct bass filter; magnetic-fluid tweeter cooling. Power handling 200 W; crossover points 150 and 3,000 Hz; FR 40-20,000 Hz ± 2 dB; sens 90 dB; imp 8 ohms. Various finishes available. 8 x 39 $\frac{1}{2}$ x 12 in; 40.7 lb\$1,800/pr

Model 800 Powered Subwoofer

12-in long-throw driver; amp rated at 200 W cont. Features active 12-dB/oct low-pass filter with cutoff frequency variable from 40-135 Hz; active 18-dB/oct high-pass filter at 90 Hz. Two sets of gold-plated connectors. Magnetic shielding; volume control. FR 17-135 Hz. Black-ash wood veneer finish. 17 x 20 x 22 $\frac{1}{4}$ in; 73 lb\$1,600

Matrix 805 2-Way Bookshelf Speaker

Vented design with $\frac{6}{8}$ -in Kevlar woofer and 1-in metal-dome tweeter. Features bass-alignment filter; magnetic-fluid tweeter cooling. Power handling 120 W; FR 45-20,000 Hz ± 2 dB; sens 87 dB SPL/W/m; imp 8 ohms. Black-ash or walnut veneer finish. 10 $\frac{1}{2}$ x 16 $\frac{1}{2}$ x 8 $\frac{1}{2}$ in; 18.7 lb\$1,600/pr

P5 3-Way Speaker

Bass-reflex design with $\frac{6}{8}$ -in Cobex woofer, $\frac{6}{8}$ -in Kevlar midrange, and 1-in neodymium metal-dome tweeter. Power handling 200 W; crossover points 150 and 3,000 Hz; FR 42-20,000 Hz ± 2 dB; sens 90 dB; imp 8 ohms. Various finishes available. 8 x 36 x 12 in; 31.9 lb\$1,500/pr

PCS-8 THX Subwoofer

Vented design with 12-in driver. Features THX certification. Magnetic shielding. Power handling 200 W; sens 89 dB SPL/W/m; imp 8 ohms. Black-ash finish. 23 $\frac{1}{2}$ x 22 $\frac{1}{2}$ x 23 $\frac{1}{2}$ in; 70.4 lb\$1,250

P4 2-Way Speaker

Bass-reflex design with $\frac{6}{8}$ -in Kevlar woofer and 1-in neodymium-magnet tweeter. Power handling 120 W; crossover point 3,500 Hz; FR 50-20,000 Hz ± 2 dB; sens 88 dB; imp 8 ohms. Various finishes available. 8 x 32 x 9 $\frac{1}{2}$ in; 29.7 lb\$1,200/pr

CDM-2 2-Way Bookshelf Speaker

4th-order vented design with $\frac{6}{8}$ -in Kevlar woofer and 1-in alloy-dome tweeter. Features magnetic-fluid tweeter cooling. Two pairs of gold-plated terminals. Power handling 120 W; crossover point 3,000 Hz; FR 70-20,000 Hz ± 2 dB; sens 87 SPL/W/m; imp 8 ohms. Black- or red-ash wood veneer finish. 8 $\frac{1}{2}$ x 12 $\frac{1}{4}$ x 9 $\frac{1}{2}$ in\$1,100/pr
CDM-1. As above, FR 64-20,000 Hz ± 2 dB, sens 87 dB SPL/W/m. 8 $\frac{1}{2}$ x 14 $\frac{1}{2}$ x 10 $\frac{1}{4}$ in\$800/pr

FCM-8 2-Way THX Speaker

Sealed design with two $\frac{6}{8}$ -in Kevlar woofers and three 1-in fluid-cooled metal-dome tweeters. Features THX certification. Magnetic shielding. Power handling 200 W; crossover point 3,000 Hz; FR 80-22,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 6 ohms. Black-ash finish. 10 $\frac{1}{4}$ x 23 $\frac{1}{2}$ x 9 in; 27.5 lb\$1,000

Signature Seven 2-Way In-Wall Speaker

7-in Kevlar woofer, 1-in metal-dome tweeter. Features overload protection circuitry. Power handling 150 W; crossover point 3,000 Hz; FR 40-20,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Semi-matte white finish. 11 $\frac{1}{4}$ x 14 $\frac{1}{4}$ x 4 in\$1,000/pr

Matrix HTM 2-Way Center-Channel Speaker

Vented design with $\frac{6}{8}$ -in Kevlar woofer and 1-in fluid-cooled metal-dome tweeter. Magnetic shielding. Power handling 120 W; crossover point 3,000 Hz; FR 63-20,000 Hz ± 2 dB; sens 88 dB SPL/W/m; imp 8 ohms. Ash or walnut finish. 17 $\frac{1}{2}$ x 10 $\frac{1}{2}$ x 9 in; 19 lb\$800

SCM-8 2-Way THX Surround Speaker

Dipole sealed design with two $\frac{6}{8}$ -in woofers and two 1-in fluid-cooled metal-dome tweeters. Features THX certification. Magnetic shielding. Power handling 200 W; crossover point 3,000 Hz; FR 105-25,000 Hz ± 6 dB; sens 87 dB SPL/W/m; imp 4 ohms. Black-ash finish. 14 $\frac{1}{4}$ x 14 x 9 $\frac{1}{2}$ in; 24 lb\$750

CWM-8i 2-Way In-Wall Speaker

8-in polypropylene woofer, 1-in metal dome tweeter. Features overload protection circuitry. Power handling 100 W; crossover point 3,000 Hz; FR 40-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 4 ohms. Semi-matte white finish. 11 $\frac{1}{4}$ x 14 $\frac{1}{4}$ x 3 $\frac{1}{2}$ in\$650/pr
CWM-6i. As above, $\frac{6}{8}$ -in woofer. Power handling 70 W; FR 55-20,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 6 ohms. 9 $\frac{1}{2}$ x 13 $\frac{1}{4}$ x 3 in\$450/pr
CWM-5i. As above, 5-in woofer. Power handling 70 W; crossover point 3,500 Hz; FR 75-20,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 8 ohms. 6 $\frac{1}{4}$ x 9 x 3 in\$300/pr

Blue Room Minipod 2-Way Bookshelf Speaker

Vented design with 5-in Kevlar woofer and 1-in ferrofluid-cooled metal-dome tweeter. Magnetic shielding. Includes stand or wall bracket. Power handling 100 W; crossover point 3,000 Hz; FR 80-22,000 Hz ± 6 dB; sens 90 dB SPL/W/m; imp 8 ohms. 7 $\frac{1}{2}$ x 17 x 7 $\frac{1}{2}$ in; 4.4 lb\$600/pr

Model 202i 2-Way Speaker

Bass-reflex design with 7-in composite short-fiber woofer and $\frac{3}{4}$ -in ferrofluid-cooled polyimide-dome tweeter. Power handling 120 W; FR 48-20,000 Hz ± 3 dB; sens 90 dB; imp 8 ohms. Black-ash simulated veneer finish. 9 x 19 $\frac{1}{2}$ x 8 $\frac{1}{4}$ in; 12.5 lb\$300/pr

Sacrifice Nothing.

B&W's Matrix HTM Home Theater Speaker resolves the movies versus music debate once and for all. COREY GREENBERG, *Home Theater Technology*

WHAT STARTED OUT AS A RAGING DEBATE HAS ENDED WITH RAVE REVIEWS.

HERE B&W PRESENTS THE CONSIDERED OPINIONS OF TWO RESPECTED CRITICS,

COREY GREENBERG of *Home Theater Technology* [Nov 1994 issue]

AND TOM NOUSAINE of *Sound & Image* [Fall 1994 issue].

GREENBERG: "The main reason the HTMs are so superior to any movie speakers I've heard is solely because these are music speakers first and foremost."

NOUSAINE: "This speaker is accurate. Dialogue and vocals are always intelligible and natural. Music sounds sweet and clean."

GREENBERG: "The sound of the B&W Matrix HTMs is so much better than any of the movie speakers I've heard, even systems costing many times the price of the HTMs, that it's a joke."

NOUSAINE: "The Matrix HTM is a tremendous performer. It makes a terrific center speaker and a pair of them would

even do a great job as mains in a music-only system. I'd be proud to own one."

GREENBERG: "This is the best sound I've ever had in my home theater, bar none. Whether I played movie LDs or music CDs, the sound of the B&W Matrix HTM was honest, accurate, and the very definition of the term 'high fidelity.' It's a speaker system you'll want to live with for a long, long time."

What else can we say?

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cones used in the B&W

Home Theater Monitor

stop a stray bullet, they

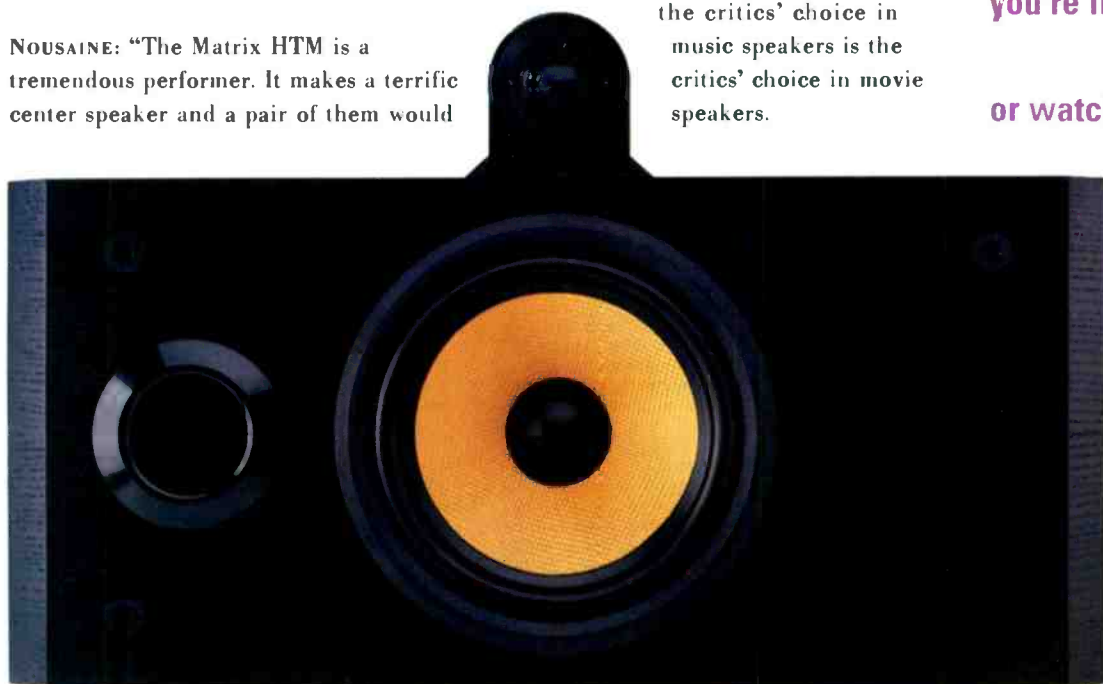
reduce surface standing

waves to minimize

coloration – whether

you're listening to music

or watching movies.



Model 201i 2-Way Bookshelf Speaker

6½-in composite short-fiber woofer, 1-in polyester-dome tweeter. Power handling 100 W; FR 66-20,000 Hz ±3 dB; sens 90 dB; imp 8 ohms. Black-ash simulated veneer finish. 9 x 14 x 7 in; 9 lb\$200/pr

Model 2000IFS 2-Way Center-Channel Speaker

Vented design with two 5-in woofers and one 1-in metal-dome tweeter. Magnetic shielding. Power handling 100 W; crossover point 3,000 Hz; FR 95-20,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 8 ohms. 17¼ x 6 x 9½ in; 13 lb\$199

Digital Monitor 600i Series

DM640i 3-Way Speaker

Bass-reflex design with two 8-in woofers, one 6½-in Kevlar midrange, and one 1-in fluid-cooled metal-dome tweeter. Biwire/biamp terminals. Power handling 200 W; crossover points 300 and 3,000 Hz; FR 46-20,000 Hz ±2 dB; sens 91 dB SPL/W/m; imp 8 ohms. Simulated walnut or black-veneer finish. 9¾ x 38½ x 16 in; 52.8 lb\$1,500/pr

DM630i. As above, without midrange. Crossover points 400 and 3,000 Hz; FR 53-20,000 Hz ±2 dB. 9¾ x 33½ x 16 in; 42.2 lb\$1,100/pr

DM620i 2-Way Speaker

8-in woofer, 1-in fluid-cooled metal-dome tweeter, passive radiator. Biwire/biamp terminals. Power handling 150 W; crossover point 3,000 Hz; FR 58-20,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 8 ohms. Simulated walnut or black-ash veneer finish. 9¾ x 29¾ x 12 in; 31.2 lb\$800/pr

DM610i 2-Way Speaker

Sealed design with 8-in woofer and 1-in fluid-cooled metal-dome tweeter. Biwire/biamp terminals. Power handling 150 W; crossover point 2,500 Hz; FR 70-20,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black or walnut veneer finish. 9¾ x 19¾ x 12 in; 17.1 lb\$500/pr

DM600i. As above, 6½-in woofer. Power handling 100 W; FR 80-20,000 Hz ±2 dB; sens 87 dB SPL/W/m. 8 x 13¾ x 9½ in; 9.9 lb\$350/pr

DM600IFS 2-Way Center-Channel Speaker

Vented design with two 5-in woofers and one 1-in fluid-cooled metal-dome tweeter. Magnetic shielding. Power handling 120 W; crossover point 3,000 Hz; FR 75-23,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Black veneer finish. 17¾ x 6 x 9½ in; 13 lb\$299

BANG & OLUFSEN

Beolab Penta 3-Way Powered Speaker

Bass-reflex design with four 5-in woofers, four 4-in midranges, and one 1-in dome tweeter; amp rated at 150 x 2. Features 5-sided cabinet finished in stainless steel; dynamic clipping-attenuator circuit; 3-position bass-compensation switch. Alphanumeric display for Bang & Olufsen system information; auto turn-on/off. Crossover points 700 and 5,000 Hz; FR 40-20,000 Hz +4, -8 dB; sens 94 dB SPL/W/m. 8¾ x 65 x 13½ in; 53 lb\$4,000/pr

Beolab 8000 2-Way Powered Speaker

Bass-reflex design with two 4-in long-throw woofers and one ¾-in ferrofluid-cooled tweeter in conically tipped mirror-finished extruded-aluminum tubular cabinet; amp rated at 160 W x 2. Features biampification; cast-iron base; 24-dB/oct Linkwitz-Riley active crossover; dynamic treble-balancing circuitry; 30-dB/oct high-pass filter at 40 Hz; polystyrene front baffle. Line-level input; Power Link input for Bang & Olufsen systems. Magnetic shielding; auto turn-on. Crossover point 4,200 Hz; FR 40-22,000 Hz +4, -8 dB. 6¾ x 52 x 6¾ in; 44 lb\$3,000/pr

Beolab 6000 2-Way Powered Speaker

Bass-reflex design with two 3½-in woofers and one ½-in dome tweeter; amp rated at 80 W x 2. Features extruded one-piece ¾-in-thick aluminum

oval-column cabinet; proprietary dynamic bass-optimization circuitry; active filtering with 30-dB/oct slope at resonant frequency and 24-dB/oct slopes elsewhere; biampification. Line- and speaker-level inputs; Powerlink connectors for Bang & Olufsen systems. Magnetic shielding; auto turn-on/off. Crossover point 3,000 Hz; FR 70-22,000 Hz +4, -8 dB. Polished and anodized silver finish. 8 x 43¾ x 8½ in; 24 lb\$2,000/pr

Beolab 4500 2-Way Powered Speaker

Bass-reflex design with one 5-in woofer and one 1-in dome tweeter; amp rated at 55 W x 2. Designed and acoustically optimized for wall mounting. Features dynamic bass equalization; computer-designed structural-plastic cabinet with stainless-steel mirror finish. Auto turn-on/off; alphanumeric LED display. Crossover point 3,500 Hz; FR 75-20,000 Hz +4, -8 dB; sens 94 dB SPL. 17¾ x 21¼ x 3½ in; 19.8 lb\$2,000/pr

CX-100 2-Way Bookshelf Speaker

Two 4-in woofers, one 1-in tweeter. Features pressure-chamber cabinet. Includes wall bracket. FR 50-20,000 Hz +4, -8 dB; sens 89 dB; imp 6 ohms. 4¾ x 12¾ x 8¾ in; 11 lb\$600/pr

CX-50 2-Way Bookshelf Speaker

One 4-in woofer, one 1-in tweeter. Features pressure-chamber cabinet. Includes wall bracket. FR 80-20,000 Hz +4, -8 dB; sens 89 dB; imp 6 ohms. 4¾ x 8¾ x 8¾ in; 7.7 lb\$400/pr

BIC AMERICA

Muro M-8 2-Way In-Wall Speaker

8-in polycarbonate woofer, 1-in soft-dome tweeter. Power handling 100 W max; FR 40-22,000 Hz; sens 90 dB; imp 8 ohms. 10¾ x 14 x 3¾ in\$249/pr

M-8K. Rough-in kit for new construction\$49

Muro M-6 2-Way In-Wall Speaker

6½-in polycarbonate woofer, 1-in soft-dome tweeter. Power handling 80 W max; FR 50-22,000 Hz; sens 90 dB; imp 8 ohms. 8¾ x 12 x 3¾ in\$199/pr

M-6K. Rough-in kit for new construction\$49

Muro M-5 2-Way In-Wall Speaker

5½-in polycarbonate woofer, ½-in polyimide tweeter. Power handling 60 W max; FR 60-21,000 Hz; sens 90 dB; imp 8 ohms. 7½ x 11 x 2¾ in\$169/pr

M-5K. Rough-in kit for new construction\$49

Adatto A-1 2-Way Outdoor Speaker

5½-in polymer-coated long-throw woofer, ½-in polyimide-dome tweeter. Features weather-resistant composite enclosure. Magnetic shielding. Wall or corner mount. Black or white. 6¾ x 9 x 6 in\$159/pr

Venturi Series

Venturi Realta 3-Way Speaker

Two 10-in poly laminate woofers, two 5½-in poly laminate midranges, one 1-in titanium-dome tweeter. Gold 5-way binding posts. Includes floor spikes. Black or oak finish. 12 x 53½ x 15 in\$1,200/pr

Venturi V830i 3-Way Speaker

Vented design with 8-in carbon-impregnated polypropylene woofer, 6-in carbon-impregnated polypropylene midrange, and 1-in polymer-laminate soft-dome tweeter. Features separate low-frequency enclosure. Gold 5-way binding posts. Black or oak finish. 10¾ x 40 x 11½ in\$800/pr

Venturi V630i 3-Way Speaker

6-in carbon-impregnated polypropylene woofer, 6-in carbon-impregnated polypropylene midrange, 1-in polymer-laminate soft-dome tweeter. Features separate low-frequency enclosure. Gold 5-way binding posts. Black or oak finish. 9 x 34¾ x 11½ in\$600/pr

Venturi V820i 2-Way Speaker

8-in carbon-impregnated polypropylene woofer, 1-in polymer-laminate soft-dome tweeter. Gold 5-way binding posts. Black or oak finish. 10¾ x 26¼ x 11½ in\$450/pr

Venturi V82si 2-Way Speaker

Vented design with 8-in carbon-impregnated polypropylene woofer and ¾-in soft-dome tweeter. Magnetic shielding. Black. 10¾ x 21 x 11½ in\$349/pr

Venturi V12 Subwoofer

Vented design with 12-in long-throw woofer. Designed for use with SWA-100 amplifier. Black. 16½ x 21 x 19¼ in\$300

SWA-100. 100-W amp/crossover designed for above. Line- and speaker-level inputs and outputs. Class A/B design. Crossover point 85 Hz. Black. 17 x 4¾ x 12¾ in\$400

V12 System. SWA-100 and Venturi V12\$700

Venturi V62si 2-Way Bookshelf Speaker

Vented design with 6-in carbon-impregnated woofer and ¾-in polymer-laminate soft-dome tweeter. Magnetic shielding. Black. 8¾ x 14 x 9½ in\$225/pr

Venturi V52CLR 2-Way Center-Channel Speaker

Vented design with two 5½-in polymer-coated long-throw woofers and one ½-in ferrofluid-cooled polyimide-dome tweeter. Magnetic shielding. Black. 22 x 6½ x 10 in\$169

Venturi V52si 2-Way Bookshelf Speaker

Vented design with 5½-in polymer-coated long-throw woofer and ½-in ferrofluid-cooled polyimide-dome tweeter. Magnetic shielding. Black. 22 x 7½ in\$95/pr

Cinema One Series

AV-2 Speaker-Equipped Entertainment Center

Entertainment center featuring built-in speakers: two 10-in woofers, center-channel speaker, and two front-channel speakers. Accommodates direct-view TV up to 35 in. Cassette and CD storage space. Includes 2 stand-alone surround speakers and shelf for use with 31 in or smaller TV. Cherry, oak, or black laminate finish. 52½ x 68½ x 19¼ in\$1,199

C-8.3 2-Way Speaker

Two 8-in long-throw carbon-impregnated polypropylene woofers, one 1-in ferrofluid-cooled soft-dome tweeter. Magnetic shielding. 10 x 40 x 12 in\$449/pr

C-10 Powered Subwoofer

Vented design with 10-in driver; amplifier rated at 100 W. Magnetic shielding. Line- and speaker-level inputs and outputs. Auto turn-on/off. Includes crossover that is variable from 50 to 200 Hz. 13 x 17 x 16 in\$449

C-8 2-Way Speaker

8-in long-throw carbon-impregnated polypropylene woofer, ¾-in ferrofluid-cooled soft-dome tweeter. Magnetic shielding. 10 x 21 x 11 in\$339/pr

C-6 2-Way Bookshelf Speaker

Vented design with 6-in long-throw carbon-impregnated polypropylene woofer and ¾-in ferrofluid-cooled soft-dome tweeter. Magnetic shielding. 8 x 14 x 9 in\$229/pr

C-10 PAS Subwoofer

10-in long-throw dual-voice-coil driver. Magnetic shielding. Sens 90 dB SPL/W/m. 13 x 17 x 16 in\$229

C-5 2-Way Bookshelf Speaker

5½-in long-throw woofer, ½-in ferrofluid-cooled dome tweeter. Magnetic shielding. 7 x 11 x 7 in\$95

BOSE

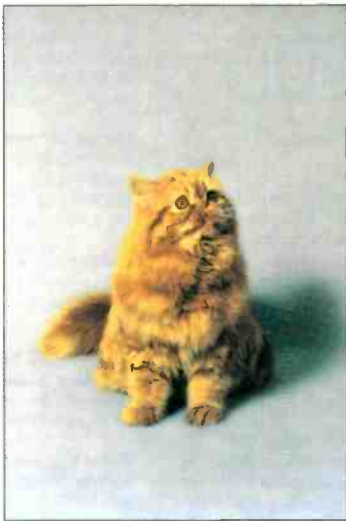
"Direct/Reflecting" refers to a proprietary design in which drivers are positioned to provide direct and reflected sound.

Model 901 Classic Series VI Speaker System

Two speakers, each with nine 4½-in drivers; out-board active EQ. Features Direct/Reflecting design implemented with 4 drivers placed on each of 2 angled rear baffles and 1 front-firing driver; injection-molded enclosure. Bass and treble controls. Power handling 450 W/ch; imp 4-8 ohms. Hardwood veneer

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The average TV is a 98 lb. weakling when it comes to pumping out the sound. In fact, even when they're beefed up with stereo speakers, today's TV's just don't have the muscle to put you in the picture. What you need is the added strength of a new Sound Dynamics Home Theater Surround Sound Speaker System.



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CINESAT-2 SATELLITE SPEAKER WITH HT-1 FLOOR STAND



CINESUB SUBWOOFER WITH DVOVENT™ ENCLOSURE FOR DEEP BASS RESPONSE



CIMECENTER SHIELDED CENTER CHANNEL SPEAKER

with walnut finish. 5-yr transferable warranty. Each speaker 12½ x 21 x 13 in.; 32 lb. EQ 13 x 2¼ x 4¾ in.; 3.4 lb\$1,499

Model 701 3-Way Speaker

One 8-in woofer, one 6½-in midrange, two 2¼-in ferrofluid-cooled tweeters. Features Direct/Reflecting design; tuned port; multiple-chamber bass enclosure with 3 acoustic masses; tweeters spaced and angled to enhance imaging; protection circuit. Power handling 400 W; imp 4-8 ohms. Dark-silver walnut-vinyl finish. 5-yr transferable warranty. 10½ x 32½ x 12½ in.; 28 lb\$899/pr

Model 501 Series V 2-Way Speaker

One 5¼-in woofer, two 2½-in tweeters. Features Direct/Reflecting design; multiple-chamber bass enclosure with 3 acoustic masses; two tuned ports; tweeters spaced and angled to enhance imaging; protection circuit. Magnetic tweeter shielding. Power handling 200 W; imp 4-8 ohms. Dark-silver walnut-vinyl finish. 7¾ x 31 x 7¾ in.; 20 lb\$599/pr

Model 4.2 Series II 2-Way Bookshelf Speaker

One 8-in forward-firing woofer, two 3-in tweeters. Features Direct/Reflecting design; tweeters spaced and angled to enhance imaging; dual-frequency crossover. Power handling 150 W; imp 8 ohms. Black or woodgrain veneer finish. 17 x 10½ x 9¼ in.; 15 lb\$369/pr

Model 301 Series III 2-Way Bookshelf Speaker

One 8-in forward-firing woofer, two 3-in tweeters. Features Direct/Reflecting design; outward-aiming tweeter to create reflections off side wall; 2nd tweeter aimed inward; slot port; dual-frequency crossover. Power handling 150 W; imp 4-8 ohms. Black, white, or walnut-grain finish. 17 x 10½ x 9¼ in.; 15 lb\$369/pr

Freestyle Bookshelf Speaker

4½-in driver. Features curved and flared port system. Power handling 100 W; imp 4-8 ohms. Black polymer painted finish. 9½ x 5½ x 6 in.; 4.5 lb\$339/pr

Video RoomMate Powered Bookshelf Speaker

4½-in driver; integral amplifier and active EQ. Designed to plug into TV or VCR. Features distortion-limiting circuitry. RCA inputs. Magnetic shielding; volume control. Includes RCA Y adaptor. Mounting accessories optional. Black and charcoal. Limited 1-yr transferable warranty. Each speaker 9 x 6 x 6 in.; 5.5 lb\$339/pr

MediaMate Computer Speaker

2½-in driver. Designed for use with multimedia computers. Features thermo-plastic alloy enclosure. Dual-source input; headphone jack. Magnetic shielding; source-mixing capability; volume control. Includes fastener strips for mounting to side of computer monitor. Limited 1-yr transferable warranty. Gray. 7¾ x 3¾ x 8¾ in.; 4 lb\$339/pr

RoomMate II Powered Speaker

4½-in driver; integral amplifier and EQ. Designed for portable use. Features aerodynamically tuned port; distortion-limiting circuitry; polypropylene cabinet; AC power plug. Carrying case with rechargeable-battery pack for 12-hr play on one charge, cigarette-lighter adaptor, and mounting accessories optional. Black. 1-yr transferable warranty. Each speaker 9½ x 6½ x 6½ in.; 3.5 lb\$339

Model 151 Outdoor Speaker

4½-in Kevlar-cone driver. Features resistance to heat, cold, moisture, and salt. Power handling 80 W; imp 4-8 ohms. Black or white. 5-yr transferable warranty. 9 x 6 x 6 in.; 4 lb\$299/pr

Model 2.2 Series II 2-Way Bookshelf Speaker

6½-in woofer, 2¼-in tweeter. Features Direct/Reflecting design; dual-frequency crossover. Power handling 120 W; imp 8 ohms. Black or woodgrain veneer finish. 14¼ x 9¾ x 9 in.; 10 lb\$229/pr

Model 201 Series III 2-Way Bookshelf Speaker

One 6½-in forward-firing woofer, one 2¼-in ferrofluid-cooled tweeter. Features Direct/Reflecting design; tweeter angling away from cabinet; tweeter lens to widen soundstage; slot port; dual-frequency crossover. Power handling 120 W; imp 4-8 ohms. Black, white, or woodgrain veneer finish. 14¼ x 7¾ x 9 in.; 10.8 lb\$229/pr

Model 101 Bookshelf Speaker

Ported design with 4½-in driver. Features polystyrene-copolymer construction; resistance to temperature, vibration, moisture, and dust. Wall- or shelf-mount bracket optional. Power handling 60 W; imp 4-8 ohms. Black weatherproof cabinet; also available in white with choice of red, green, blue, or white grille. 9 x 6 x 5 in.; 4.6 lb\$219/pr

Model 100 Bookshelf Speaker

4½-in mica-impregnated cone driver. Includes wall-mount hardware. Power handling 80 W; imp 8 ohms. Black or white. Limited 5-yr transferable warranty. 11 x 6 x 6 in.; 4 lb\$199/pr

Model 141 Bookshelf Speaker

4½-in driver. Power handling 80 W; imp 4-8 ohms. Gray. Limited 5-yr transferable warranty. 10 x 6 x 6½ in.; 4 lb\$139/pr

Subwoofer/Satellite Systems

Powered Acoustimass 5 Series II Subwoofer/Satellite System

Subwoofer with 8-in driver; two satellites, each with 2½-in driver in each of 2 attached rotating cubes; amp rated at 100 W x 1 (subwoofer) + 50 x 2 (satellites). Magnetic satellite shielding. Black-veneer subwoofer finish; black or white satellites. Subwoofer 12½ x 21½ x 10 in.; 37 lb. Each satellite 3 x 6½ x 4¾ in.; 2 lb\$1,099

Acoustimass 7 Subwoofer/Satellite System

Subwoofer with two 5¼-in drivers; 3 satellites, each with 2½-in driver in each of 2 attached rotating cubes. Features Direct/Reflecting design; system protection circuitry. Magnetic satellite shielding. Power handling 200 W/ch; imp 4-8 ohms. Black-satin subwoofer finish; black or white polymer satellite finish. Subwoofer 19 x 14 x 7½ in.; 21 lb. Each satellite 3¾ x 6¾ x 4¾ in.; 2 lb\$999

Powered Acoustimass 3 Subwoofer/Satellite System

Subwoofer with 5¼-in driver; two satellites, each with 2½-in driver; amp rated at 50 W x 1 (subwoofer) + 20 x 2 (satellites). Magnetic satellite shielding. Black veneer subwoofer finish; black or white satellites. Subwoofer 18½ x 7¾ x 8½ in.; 19 lb. Each satellite 3 x 3 x 4¾ in.; 1 lb\$799

Acoustimass 5 Subwoofer/Satellite System

Subwoofer with two 5¼-in drivers; 2 satellites, each with one 2½-in driver in each of 2 attached rotating cubes. Features Direct/Reflecting design; three acoustic-compression chambers in subwoofer. Magnetic satellite shielding. Mounting accessories optional. Power handling 200 W/ch. Black- or white-satin subwoofer finish; black or white polymer satellite finish. Subwoofer 14 x 7¾ x 19 in.; 20.5 lb. Each satellite 3¾ x 6¾ x 4¾ in.; 2 lb\$799

Acoustimass Powered Computer Subwoofer/Satellite System

Subwoofer with 5¼-in driver; two satellites, each with 2½-in driver; 50-W subwoofer amp; satellite amp rated at 25 x 2. Designed for multimedia computers. Features system protection circuitry. Dual inputs. Magnetic satellite shielding; volume control. Includes mono and stereo mini-plug adaptors. Black-satin vinyl subwoofer finish; platinum-painted polymer satellite finish. Limited 1-yr transferable warranty. Subwoofer 18½ x 7¾ x 8½ in.; 19 lb. Each satellite 3 x 3 x 4¾ in.; 11 lb\$699

Acoustimass 4 Subwoofer/Satellite System

Subwoofer with 5¼-in driver; 2 satellite speakers, each with 2½-in driver. Features system protection

circuitry. Magnetic satellite shielding. Power handling 100 W/ch. Black-satin subwoofer finish; black or white polymer satellite finish. Subwoofer 14 x 8 x 8 in.; 12 lb. Each satellite 3¾ x 3¾ x 4¾ in.; 1 lb\$599

Acoustimass 3 Series III Subwoofer/Satellite System

Subwoofer with 5¼-in driver; two satellites, each with 2½-in driver. Features system protection circuit; two acoustic-compression subwoofer chambers. Magnetic satellite shielding. Mounting accessories optional. Power handling 100 W/ch; imp 4-8 ohms. Black or white satin subwoofer finish; black or white polymer satellite finish. Subwoofer 14¼ x 7¾ x 8 in.; 11 lb. Each satellite 3 x 3 x 4¾ in.; 1 lb\$469

BOSTON ACOUSTICS

The company's patented Amplitude Modification Device is designed to eliminate the natural resonance of a metal diaphragm.

SubSat 7 Subwoofer/Satellite System

Subwoofer with two 7-in drivers in sealed and vented chambers; 2 satellites, each with 4-in midrange and 1-in tweeter. Power handling 125 W; sens 89 dB SPL/W/m; imp 8 ohms. Black or white. Subwoofer 15 x 19½ x 9 in. Each satellite 8½ x 5 x 5¼ in\$750

SubSat 6 Series II Subwoofer/Satellite System

Subwoofer with two 6½-in drivers in sealed and vented chambers; 2 satellites, each with 4-in midrange and ¾-in ferrofluid-cooled tweeter. Power handling 100 W; sens 89 dB SPL/W/m; imp 8 ohms. Black or white. Subwoofer 16 x 7¾ x 15 in. Each satellite 8½ x 5 x 5¼ in\$500

CenterSat 7 2-Way Center-Channel Speaker

5¼-in copolymer woofer, 1-in dome tweeter, 5¼-in passive radiator. Magnetic shielding. Power handling 125 W; FR 65-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black. 6 x 16¾ x 6 in\$300

SurroundSat 6 2-Way Surround Speaker

4-in midrange, ¾-in dome tweeter. Mounting brackets optional. Power handling 100 W; sens 89 dB SPL/W/m; imp 8 ohms. Black or white. 8½ x 5 x 5¼ in\$200/pr

Lynnfield Series

Drivers in the following products feature Amplitude Modification Devices.

Model 500L Series II 3-Way Speaker

2-piece design comprised of bandpass enclosure with two 6½-in woofers, one 5¼-in anodized-aluminum midrange, and one 1-in aluminum-dome tweeter. Features cast-aluminum woofer chassis. Triwire/triamp inputs. Power handling 350 W; FR 32-35,000 Hz ±3 dB; sens 85 dB SPL/W/m; imp 5 ohms. Rosewood finish. 9 x 48 x 18¼ in\$5,000/pr
Black-ash finish\$4,500/pr

Model 400L 3-Way Speaker

Two 6½-in woofers in bandpass enclosure, one 5¼-in anodized-aluminum midrange, one 1-in aluminum-dome tweeter. Features cast-aluminum woofer chassis. Triwire/triamp inputs. Power handling 350 W; FR 38-35,000 Hz ±3 dB; sens 85 dB SPL/W/m; imp 5 ohms. Rosewood finish. 9 x 36¾ x 18¼ in\$4,000/pr
Black-ash finish\$3,600/pr

Model 300L Series II 2-Way Speaker

5¼-in anodized-aluminum woofer, 1-in aluminum-dome tweeter. Features cast-aluminum chassis. Bi-wire/biamp inputs. Cast-aluminum stand optional. Power handling 250 W; FR 50-35,000 Hz ±3 dB; sens 83 dB SPL/W/m; imp 8 ohms. Rosewood finish. 9 x 11 x 13½ in\$2,000/pr
Black-ash finish\$1,800/pr

Lynnfield VR Series

VR40 3-Way Speaker

Vented design with two 7-in woofers, one 5¼-in subenclosed midrange, and one 1-in aluminum tweeter. Features Amplitude Modification Device for

S P E A K E R S

tweeter; braced cabinet; point-source driver configuration. Magnetic shielding. Power handling 300 W; FR 40-20,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 8 ohms. Black-ash wood veneer or walnut wood veneer finish. $38\frac{1}{2} \times 8\frac{1}{4} \times 14\frac{1}{2}$ in; 55 lb\$1,400/pr

VR30 2-Way Speaker

Vented design with two 7-in woofers and one 1-in aluminum tweeter. Features Amplitude Modification Device for tweeter; braced cabinet; point-source driver configuration. Magnetic shielding. Power handling 250 W; FR 42-20,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 8 ohms. Black-ash or woodgrain vinyl finish. $8\frac{1}{4} \times 35\frac{1}{2} \times 14\frac{1}{2}$ in; 45 lb\$800/pr

VR500 Powered Subwoofer

Vented design with 10-in driver, discrete 100-W amplifier. Features amplifier overload protection; 24-dB/oct low-pass filter. Line- and speaker-level inputs. Auto turn-on/off; polarity switch. Crossover point variable from 50-100 Hz. Black-ash vinyl finish. $15\frac{1}{4} \times 15\frac{1}{2} \times 18\frac{1}{2}$ in; 40 lb\$600

VR20 2-Way Speaker

Vented design with 7-in woofer and 1-in aluminum tweeter. Features Amplitude Modification Device for tweeter; braced cabinet; point-source driver configuration. Magnetic shielding. Power handling 200 W; FR 46-20,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black-ash or woodgrain vinyl finish. $32\frac{1}{2} \times 8\frac{1}{4} \times 12$ in; 35 lb\$550/pr

VR12 3-Way Center-Channel Speaker

Two $6\frac{1}{2}$ -in woofers, one $4\frac{1}{2}$ -in subenclosed mid-range, one 1-in aluminum tweeter. Features Amplitude Modification Device for tweeter; braced cabinet; point-source driver configuration. Magnetic shielding. Power handling 250 W; FR 58-20,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 8 ohms. Black-ash vinyl finish. $8\frac{1}{4} \times 25 \times 8\frac{1}{2}$ in; 30 lb\$400

VR5 2-Way Surround Speaker

Diffuse-field design with $4\frac{1}{2}$ -in woofer and two $2\frac{1}{2}$ -in drivers. Includes wall/ceiling bracket. Power handling 100 W; FR 125-20,000 Hz ± 3 dB; sens 85 dB W/m; imp 8 ohms. Black or white. $10\frac{1}{2} \times 4\frac{1}{2} \times 6$ in; 6 lb\$350/pr

VR10 3-Way Center-Channel Speaker

$5\frac{1}{4}$ -in woofer, $5\frac{1}{4}$ -in passive radiator, $3\frac{1}{2}$ -in mid-range, and 1-in aluminum tweeter. Features Amplitude Modulation Device for tweeter; point-source driver configuration. Magnetic shielding. Power handling 150 W; FR 65-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black-ash vinyl finish. $6\frac{1}{2} \times 17 \times 6\frac{1}{2}$ in; 15 lb\$300

Home THX Series

The following THX-certified products are designed to be used together in a home theater system. Three Model 555x speakers, two Model 575x's, and two Model 595x's can be purchased as a system for \$2,400.

Model 595x THX Subwoofer

12-in long-throw driver. Designed to extend system response down to 20 Hz. Power handling 250 W; FR 20-80 Hz ± 3 dB; sens 85 dB SPL/W/m; imp 8 ohms. Black or white. $18\frac{1}{2} \times 17\frac{1}{2} \times 18\frac{1}{2}$ in\$500

Model 555x 2-Way THX Bookshelf Speaker

Two $5\frac{1}{4}$ -in copolymer woofers, two 1-in ferrofluid-cooled dome tweeters. Magnetic shielding. Power handling 150 W; FR 80-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black or white. $11\frac{1}{4} \times 18\frac{1}{4} \times 7\frac{1}{2}$ in\$300

Model 575x 2-Way THX Surround Speaker

Dipole design with one $5\frac{1}{4}$ -in copolymer woofer and two side-mounted $2\frac{1}{2}$ -in tweeters. Power handling 150 W; FR 125-20,000 Hz ± 3 dB; sens 85 dB

SPL/W/m; imp 8 ohms. Black or white. $7\frac{1}{2} \times 11\frac{1}{4} \times 4\frac{1}{2}$ in\$250

Designer In-Wall Speaker Series

The following models are designed for flush mounting in walls or ceilings, and they feature a paintable matte-white finish. Each includes mounting hardware. New-construction brackets are also available.

Model 381 2-Way In-Wall Speaker

8-in copolymer woofer, 1-in ferrofluid-cooled tweeter. Features point-source driver configuration; moisture resistance. Includes retrofit mounting bracket. Power handling 150 W; FR 48-20,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. $12\frac{3}{4} \times 9\frac{1}{2} \times 3\frac{1}{4}$ in\$500/pr

Model 361 2-Way In-Wall Speaker

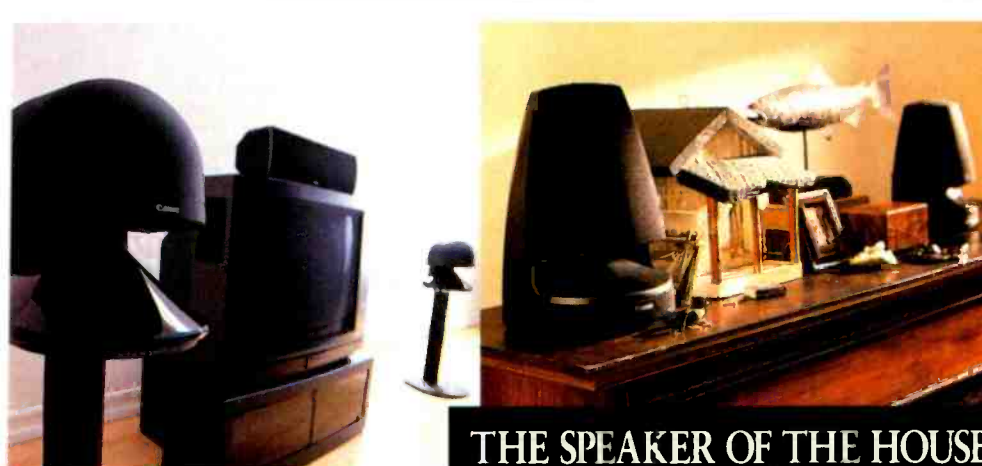
$6\frac{1}{2}$ -in copolymer woofer, 1-in ferrofluid-cooled tweeter. Features point-source driver configuration; moisture resistance. Includes retrofit mounting bracket. Power handling 125 W; FR 58-20,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. $10\frac{1}{2} \times 7\frac{1}{4} \times 2\frac{1}{2}$ in\$400/pr

Model 351 2-Way In-Wall Speaker

$5\frac{1}{4}$ -in copolymer woofer, 1-in ferrofluid-cooled tweeter. Features point-source driver configuration; moisture resistance. Includes retrofit mounting bracket. Power handling 100 W; FR 68-20,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. $9\frac{1}{2} \times 6\frac{1}{2} \times 2\frac{1}{2}$ in\$300/pr

Model 335 2-Way In-Ceiling Speaker

$5\frac{1}{4}$ -in copolymer woofer, $\frac{3}{4}$ -in dome tweeter. Includes white perforated-metal grille and black recessed-lighting grille. Power handling 50 W; FR 68-20,000 Hz ± 2 dB. Mounting diameter $6\frac{1}{4}$ in. Mounting depth $3\frac{1}{4}$ in. White\$250/pr



THE SPEAKER OF THE HOUSE? CONSERVATIVE?

Canon's Wide Dispersion Sound Loudspeakers are anything but conservative. They're a true revolution in sound. And one that is destined to change the way you listen to music or movies at home.

Take, for example, our S-25s and S-35s.

Designed and built in the U.K., these uniquely engineered speakers use a system of firing sound onto a specially designed acoustic mirror to produce a

stereo listening area — a sweet spot — far greater than that of ordinary speakers.

The end result is that now, more people can enjoy the same great stereo sound.

Our Wide Dispersion Sound Loudspeakers come with a wide array of options too. In addition to our S-25s and S-35s, we offer our SV-15 speakers which can be used



S-C10 Centre Channel

with your stereo or as part of a complete home theater system. Our S-C10 and S-C20 Centre Channel Speakers, with their unique two-way design, are perfect for dialogue reproduction. And our S-B20 Sub-Bass Speaker brings plenty of bass to your music or to those deep home theater sound effects.

To learn more about the perfect candidate for speaker of your house, call us at 1-800-OK-CANON.

WIDE DISPERSION SOUND



SV-15 with S-B20 Sub-Bass

Model 325 2-Way In-Wall Speaker

5½-in woofer, ¾-in dome tweeter. Power handling 25 W rms; sens 90 dB SPL/W/m; imp 4 ohms. Matte-white finish. 5¼ x 5¼ x 2¼ in\$200/pr

Model 305 In-Wall Speaker

5½-in dual-cone. Power handling 50 W rms; FR 70-16,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Matte-white finish. Mounting depth 2¼ in\$130/pr

Compact Reference Series

CR9 2-Way Speaker

Vented, braced design with 8-in copolymer woofer and 1-in ferrofluid-cooled tweeter. Wall mountable. Features point-source driver configuration. Magnetic shielding. Power handling 150 W; FR 42-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black-ash, woodgrain, or white vinyl finish. 19½ x 9¼ x 11¼ in; 21 lb\$420/pr

CR8 2-Way Bookshelf Speaker

Vented, braced design with 7-in copolymer woofer and 1-in ferrofluid-cooled tweeter. Wall mountable. Features point-source driver configuration. Magnetic shielding. Power handling 125 W; FR 48-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black-ash, woodgrain, or white vinyl finish. 15 x 8½ x 10½ in; 16 lb\$340/pr

CR7 2-Way Bookshelf Speaker

Vented, braced design with 6½-in copolymer woofer and ¾-in ferrofluid-cooled tweeter. Wall mountable. Features point-source driver configuration. Magnetic shielding. Power handling 100 W; FR 52-20,000 Hz ±3 dB; sens 88 dB W/m; imp 8 ohms. Black-ash, woodgrain, or white vinyl finish. 12¼ x 7½ x 9½ in; 11 lb\$260/pr

CR6 2-Way Bookshelf Speaker

Vented, braced design with 5½-in copolymer woofer and ¾-in ferrofluid-cooled tweeter. Wall mountable. Features point-source driver configuration. Magnetic shielding. Power handling 100 W; FR 65-20,000 Hz ±3 dB; sens 88 dB W/m; imp 8 ohms. Black ash, woodgrain, or white vinyl finish. 10½ x 5½ x 7½ in; 7.5 lb\$200/pr

CRX Surround Speaker

Diffuse field design with two 3½-in drivers on opposite sides of enclosure. Includes wall bracket. Power handling 100 W; FR 125-20,000 Hz ±3 dB; sens 85 dB SPL/W/m; imp 8 ohms. Black or white finish. 8½ x 4½ x 5 in; 6 lb\$200/pr

CR2 2-Way Center-Channel Speaker

4½-in copolymer woofer, 4½-in passive radiator, 1-in ferrofluid-cooled tweeter. Features enclosure bracing. Magnetic shielding. Power handling 100 W; FR 88-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black. 5½ x 15 x 5½ in; 6 lb\$200

CR1 2-Way Center-Channel Speaker

4½-in copolymer woofer, ¾-in ferrofluid-cooled tweeter. Features enclosure bracing. Magnetic shielding. Power handling 100 W; FR 95-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black. 5½ x 12½ x 5½ in; 5.5 lb\$130

Indoor/Outdoor Series

Voyager 2-Way Outdoor Speaker

5½-in copolymer woofer, 1-in ferrofluid-cooled soft-dome tweeter. Features Lexan cabinet. Includes stainless-steel mounting brackets. Power handling 125 W; crossover point 3,000 Hz; FR 65-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Paintable white finish. 10½ x 6½ x 6¼ in; 6 lb\$400/pr

RunAbout II 2-Way Outdoor Speaker

4½-in copolymer woofer, ¾-in soft-dome tweeter. Features polypropylene cabinet. Includes mounting brackets. Power handling 100 W; crossover point 3,000 Hz; FR 80-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 8¼ x 5¼ x 6¼ in; 6 lb\$250/pr

RunAbout I Outdoor Speaker

4½-in full-range copolymer driver. Features polypro-

pylene cabinet. Includes brackets. Power handling 75 W; FR 80-15,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 8¼ x 5¼ x 6¼ in; 6 lb\$180/pr

BOZAK

Classic Series

The following are available in a dark, light, black, or white oak satin-hardwood finish.

Grand 3-Way Speaker

Patented acoustic-isolation design with four 6-in polypropylene woofers, two 5-in polypropylene midranges, one 1-in titanium-dome tweeter, and two 12-in passive radiators. Biwire/biamp terminals. FR 28-20,000 Hz +1, -2 dB; crossover points 200 and 2,000 Hz; sens 93 dB SPL/W/m; imp 8 ohms. 31 x 48 x 16 in; 180 lb\$6,000/pr

Symphony II 3-Way Speaker

Patented acoustic-isolation design with two 8-in polypropylene woofers, two 5-in polypropylene midranges, one 1-in titanium-dome tweeter, and one 10-in passive radiator. Biwire/biamp terminals. FR 31-20,000 Hz +1, -2 dB; crossover points 225 and 2,000 Hz; sens 92 dB; imp 6 ohms\$4,000/pr

Concerto II 3-Way Speaker

Patented acoustic-isolation design with two 6-in polypropylene woofers, one 5-in polypropylene midrange, one 1-in aluminum-dome tweeter, and one 10-in passive radiator. Biwire/biamp terminals. FR 35-20,000 Hz +1, -2 dB; crossover points 250 and 2,500 Hz; sens 91 dB; imp 6 ohms\$3,000/pr

Rhapsody II 3-Way Speaker

Dual-port design with 8-in polypropylene woofer, 5-in polypropylene midrange, and 1-in aluminum-dome tweeter. Biwire/biamp terminals. FR 38-20,000 Hz +1, -2 dB; crossover points 300 and 3,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 19 x 38 x 12 in; 80 lb\$2,000/pr

Sonata 3-Way Speaker

Dual-port design with 8-in polypropylene woofer, 5-in polypropylene midrange, and 1-in aluminum-dome tweeter. Features polygon-shaped enclosure. Stand optional. FR 40-20,000 Hz +1, -2 dB; crossover points 300 and 3,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 19 x 26 x 11 in; 55 lb\$1,400/pr

Home Theater Series

The following, except HT95-FT30, are available in a high-gloss white finish. Prices given are for a high-gloss black finish.

HT95-FT50 3-Way Speaker

Four 6½-in poly woofers, 1-in silk-dome tweeter. Biwire/biamp terminals. Crossover point 2,300 Hz; FR 25-21,000 Hz ±1 dB; sens 91 dB SPL/W/m; imp 8 ohms. 7-yr warranty. 8¼ x 49 x 14 in\$1,499/pr

HT95-FT30 3-Way Speaker

Two 6½-in poly woofers, 1-in cloth-dome tweeter. Biwire/biamp terminals. Crossover point 2,500 Hz; FR 40-19,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 6 ohms. 7-yr warranty. Black-ash finish. 8¼ x 41 x 14 in\$999/pr

HT95-RC3A 3-Way Surround Speaker

6½-in rear-firing woofer, 4-in side-firing midrange, 4-in rear-firing midrange, 1-in top-firing dome tweeter. Crossover points 500 and 4,000 Hz; FR 55-14,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 6 ohms. 7-yr warranty\$899/pr

HT95-SW12 Subwoofer

Two 12-in poly drivers. Features 24-dB/oct crossover. Crossover point 90 Hz; FR 22-90 Hz ±2 dB; sens 90 dB SPL/W/m; imp 6 ohms. 7-yr warranty. 15 x 32 x 16½ in\$699

HT95-SW10 Subwoofer

Two 10-in poly drivers. Features 24-dB/oct cross-

over. Crossover point 90 Hz; FR 25-90 Hz ±2 dB; sens 90 dB SPL/W/m; imp 6 ohms. 7-yr warranty. 13 x 28 x 14½ in\$599

HT95-RC2A 2-Way Surround Speaker

4-in front-firing woofer, 4-in side-firing woofer, 3-in top-firing tweeter. Crossover point 4,000 Hz; FR 70-12,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 16 ohms. 7-yr warranty. 6 x 9½ x 6 in\$499/pr

HT95-CC2 2-Way Center-Channel Speaker

Two 5-in woofers, ¾-in poly-dome tweeter. Magnetic shielding. Crossover point 2,400 Hz; FR 50-20,000 Hz +1, -2 dB; sens 90 dB SPL/W/m; imp 6 ohms. 7-yr warranty. 7 x 19 x 11 in\$499

HT95-CC1. As above, crossover point 2,500 Hz, FR 55-20,000 Hz +1, -2 dB\$399

HT95-SW1 Subwoofer

Two 6½-in poly drivers. Crossover point 100 Hz; FR 30-100 Hz ±2 dB; sens 90 dB SPL/W/m; imp 6 ohms. 7-yr warranty. 8 x 20 x 12 in\$399

HT95-F1 2-Way Bookshelf Speaker

4-in poly woofer, ½-in polycarbonate tweeter. Crossover point 3,500 Hz; FR 70-18,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 8 ohms. 5 x 9 x 5 in\$249/pr

HT95-CC.5 2-Way Center-Channel Speaker

4-in poly woofer, ½-in polycarbonate tweeter. Magnetic shielding. Crossover point 3,500 Hz; FR 70-18,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 8 ohms. 7-yr warranty. 5 x 9 x 5 in\$199

Premiere Series

Model 4 3-Way Speaker

Tuned-port design with two 8-in poly-cone woofers and one 1-in chambered-aluminum tweeter. Features 6- and 18-dB/oct crossovers. Biwire/biamp terminals. Crossover points 400 and 1,700 Hz; FR 35-20,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 5 ohms. Oak veneer finish. 7-yr warranty. 11½ x 42¼ x 15 in\$1,399/pr

Model 3 2-Way Speaker

Tuned-port design with 8-in poly-cone woofer and 1-in chambered-textile tweeter. Features 18-dB/oct crossover. Biwire/biamp terminals. Crossover point 1,700 Hz; FR 40-20,000 Hz ±2 dB; sens 88 dB SPL/W/m; imp 8 ohms. Black oak or walnut vinyl finish. 7-yr warranty. 11½ x 36½ x 14 in\$899/pr

Model 2 2-Way Speaker

Tuned-port design with 8-in poly-cone woofer and 1-in textile tweeter. Features 12-dB/oct crossover. Crossover point 2,200 Hz; FR 45-18,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black oak or walnut vinyl finish. 7-yr warranty. 11½ x 23¼ x 14 in\$599/pr

Model 1 2-Way Bookshelf Speaker

Tuned-port design with 6½-in treated-paper woofer and 1-in textile tweeter. Features 12-dB/oct crossover. Crossover point 2,500 Hz; FR 57-18,000 Hz ±2 dB; sens 87 dB SPL/W/m; imp 8 ohms. Black oak or walnut vinyl finish. 7-yr warranty. 9½ x 15 x 7¼ in\$499/pr

BRIGHT STAR AUDIO

Altair Reference 3-Way Speaker

Dynamic dipole design with two 8-in ceramic-coated woofers, two 5-in ceramic-coated midranges, one 1-in ceramic-coated metal-dome front tweeter, and one 1½-in circular-ribbon rear tweeter. Features sand cabinet filling; four 2½-in steel spikes. Wood side panels optional. Power handling 500 W; FR 28-22,000 Hz; imp 5.5 ohms. 49 x 14¼ x 18 in\$6,000/pr

Altair Pro 3-Way Speaker

Dynamic dipole Design with 10-in carbon-polypropylene woofer, 5-in open-back ceramic-coated dipole midrange, 1-in ferrofluid-cooled ceramic-coated aluminum front tweeter, and 1½-in circular-ribbon rear tweeter. Features minimum-diffraction ceramic-damped cabinet; tapered/slanted front baffle; cross-

would

somebody

please turn

that music

Up?



The **RE SERIES**



The **DX SERIES**



The **VS SERIES**



The **AT SERIES**

Our company goal? Make these guys sound like they're your houseguests. At Cerwin-Vega, we make string-stretching, kick drum-pounding loudspeakers. With volumes in the neighborhood of 125 decibels. Imagine 125 decibels, in your neighborhood. To us, one of your inalienable rights is the volume knob. Life. Liberty. And neighbors who dig Hendrix. **CERWIN-VEGA!**
Turn it up.

SPEAKERS

over with film capacitors and air-core inductors. Dual gold-plated inputs. Power handling 450 W; FR 32-21,000 Hz; imp 4 ohms. Natural-granite finish; other finishes available\$2,550/pr
Altair. Above, rear tweeter ¾-in dome. Power handling 300 W; FR 44-24,000 Hz; imp 6 ohms\$1,200/pr

Shadow 2-Way Bookshelf Speaker

8-in woofer, ferrofluid-cooled polymer-dome tweeter. Features minimum-diffraction ceramic-damped cabinet; time-aligned baffle. Tapered wedge design for corner placement. Power handling 120 W; crossover point 2,600 Hz; FR 50-24,000 Hz; sens 87 dB; imp 6 ohms. Natural-granite finish; other finishes available. 17½ x 15 x 9 in; 17 lb\$499/pr

CADAWAS ACOUSTICS

Mobile Monitor One B 2-Way Bookshelf Speaker

8-in woofer, 1-in soft-dome tweeter, 5-in automatic damper. Features fuse protection. 3-position toggle-switch treble control. Crossover point 2,500 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black gloss laminate finish. 9¼ x 15½ x 12 in; 20 lb\$2,000/pr

TC-2 Subwoofer

12-in driver, 8-in automatic damper. Features 12-dB/oct filter; fuse protection. 3-position attenuator switch; phase switch. Crossover point 100 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Black gloss laminate finish. 14½ x 24¼ x 11 in; 45 lb\$2,000/pr

CALRAD

Model 20-337 2-Way In-Wall Speaker

8-in polypropylene woofer, 1-in soft-dome tweeter. Crossover point 2,500 Hz; FR 30-20,000 Hz; imp 8 ohms. 10 x 14 x 4 in\$115/pr

Model 20-335 2-Way In-Wall Speaker

6-in polypropylene woofer, 1-in soft-dome tweeter. Power handling 50 W; crossover point 2,500 Hz; FR 40-20,000 Hz. 8½ x 12 x 3½ in\$115/pr

Model 20-330 2-Way In-Wall Speaker

5¼-in polypropylene woofer, ¾-in Mylar-dome tweeter. Power handling 35 W; crossover point 3,000 Hz; FR 50-20,000 Hz. 7½ x 11 x 3 in\$105/pr

Model 20-320 3-Way Outdoor Speaker

4-in woofer, 2-in midrange, 1-in tweeter. Features ABS plastic cabinet. Includes mounting bracket, hardware, and speaker cable. Power handling 50 W; FR 50-20,000 Hz; imp 8 ohms. White. 4¼ x 7½ x 4¼ in; 3.2 lb\$50/pr

Model 20-318W 3-Way Bookshelf Speaker

4-in air-suspension woofer, 2-in midrange, 1-in tweeter. Power handling 50 W; crossover point 6,500 Hz; FR 50-18,000 Hz; imp 4 ohms. White. 4¼ x 7½ x 4¼ in\$38

Model 20-318. As above, black\$35

CAMBER

Ti Series

Model 4.5ti 2-Way Speaker

Bass-reflex design with two 6½-in woofers and one ¾-in dome tweeter. Biwire/biamp terminals. Power handling 200 W max; sens 92 dB SPL/W/m; imp 8 ohms. 9 x 37 x 12 in; 44 lb\$1,149/pr

Model 3.5ti 2-Way Speaker

Bass-reflex design with one 8½-in woofer and one ¾-in dome tweeter. Biwire/biamp terminals. Power handling 175 W max; sens 91 dB SPL/W/m; imp 8 ohms. 11 x 25 x 12 in; 35 lb\$949/pr

Model 3.0ti 2-Way Speaker

Bass-reflex design with one 8½-in woofer and one ¾-in titanium-dome tweeter. Biwire/biamp terminals. Power handling 150 W max; sens 91 dB SPL/W/m; imp 8 ohms. 11 x 20 x 12 in; 29 lb\$799/pr

Model 2.0ti 2-Way Bookshelf Speaker

Bass-reflex design with one 6½-in woofer and one ¾-

in dome tweeter. Interchangeable top. Power handling 125 W max; sens 90 dB SPL/W/m; imp 8 ohms. 9 x 17 x 12 in; 20 lb\$649/pr

Model 1.0ti 2-Way Bookshelf Speaker

Bass-reflex design with one 6½-in woofer and one ¾-in dome tweeter. Power handling 100 W max; sens 89 dB SPL/W/m; imp 8 ohms. Black-vinyl finish. 9 x 15 x 12 in; 18 lb\$499/pr

Laser Series

LS9 MkII 2-Way Speaker

Bass-reflex design with two 6½-in long-throw woofers and one ¾-in dome tweeter. Power handling 200 W max; sens 92 dB SPL/W/m; imp 8 ohms. 9 x 37 x 12 in; 57 lb\$799/pr

LS7 MkII 2-Way Speaker

Bass-reflex design with one 8-in woofer and one ¾-in dome tweeter. Power handling 150 W max; sens 91 dB SPL/W/m; imp 8 ohms. 11 x 24 x 12 in; 40 lb\$599/pr

LS3 MkII 2-Way Bookshelf Speaker

Bass-reflex design with one 6½-in woofer and one ¾-in titanium-dome tweeter. Power handling 100 W max; sens 90 dB SPL/W/m; imp 8 ohms. 8 x 16 x 9 in; 19 lb\$399/pr

LS1 MkIII 2-Way Bookshelf Speaker

Acoustic-suspension design with one 6½-in woofer and one ½-in dome tweeter. Power handling 100 W max; sens 89 dB SPL/W/m; imp 8 ohms. 8 x 12 x 9 in; 15 lb\$319/pr

LS Subwoofer

Bass-reflex design with one 8-in driver. Power handling 100 W max; sens 89 dB SPL/W/m; imp 8 ohms. 12 x 24 x 10 in; 35 lb\$299/pr

SC Series

SC900 MkIII 2-Way Speaker

Bass-reflex design with two 6½-in woofers and one ¾-in dome tweeter. Power handling 200 W max; sens 92 dB SPL/W/m; imp 8 ohms. 9 x 37 x 12 in; 57 lb\$799/pr

SC700 MkIII 2-Way Speaker

Bass-reflex design with one 8-in woofer and one ¾-in dome tweeter. Power handling 150 W max; sens 91 dB SPL/W/m; imp 8 ohms. 11 x 24 x 12 in; 40 lb\$599/pr

SC300 MkIII 2-Way Bookshelf Speaker

Bass-reflex design with one 6½-in woofer and one ½-in ferrofluid-cooled dome tweeter. Power handling 100 W max; sens 90 dB SPL/W/m; imp 8 ohms. 8 x 16 x 9 in; 19 lb\$399/pr

CVA Series

CVA-SUB-1.2 Powered Subwoofer

12-in down-firing polypropylene driver; amp rated at 200 W max. Features 18-dB/oct low-pass filter selectable at 80 or 120 Hz; thermal protection. Auto turn-off. Line-level RCA inputs; 5-way binding-post speaker-level inputs. Power handling 200 W max. 15 x 25 x 15 in; 82 lb\$549
CVA-SUB-1.0. As above, power handling 125 W max. 10 x 22 x 15 in; 65 lb\$449

CVA 2-Way Center-Channel Speaker

Bass-reflex design with two 6½-in woofers and one ¾-in dome tweeter. Magnetic shielding. Power handling 175 W max; sens 90 dB SPL/W/m; imp 8 ohms. 9 x 24 x 8 in; 37 lb\$299

CVA-Mini Center-Channel Speaker

Bass-reflex design with two 5-in drivers. Magnetic shielding. Power handling 100 W max; sens 90 dB SPL/W/m; imp 8 ohms. 16 x 8 x 7 in; 18 lb\$199

CAMBRIDGE PHYSICS

G-320 3-Way Speaker

Two 8-in long-throw woofers, one 4½-in midrange, one 1-in ferrofluid-cooled inverted-dome tweeter.

Features 18-dB/oct crossover. Power handling 200 W; crossover point 2,500 Hz; FR 30-28,000 Hz ±3 dB; sens 92 SPL/W/m; imp 6 ohms. 18½ x 34 x 10¼ in\$1,000/pr

G-66/2 3-Way Speaker

Two 8-in poly-cone woofers, one 3-in dome midrange, one 1-in ferrofluid-cooled dome tweeter. Features 24-dB/oct crossover. Crossover points 450 and 4,000 Hz; FR 26-22,500 Hz; sens 92.5 dB. 18 x 44 x 12 in; 90 lb\$1,000

G-30 2-Way Speaker

8-in long-throw woofer, 10-in passive radiator, 1-in ferrofluid-cooled inverted-dome tweeter. Features 18-dB/oct crossover. Power handling 220 W; crossover point 1,800 Hz; FR 32-22,000 Hz ±3 dB; sens 92 SPL/W/m; imp 6 ohms. 16 x 31 x 10½ in\$850/pr

G-20 2-Way Speaker

8-in long-throw woofer, 10-in passive radiator, 1-in ferrofluid-cooled inverted-dome tweeter. Features 12-dB/oct crossover. Power handling 150 W; crossover point 2,200 Hz; FR 34-22,000 Hz ±3 dB; sens 92 SPL/W/m; imp 6 ohms. 14 x 24½ x 11 in\$700/pr

G-55/2 3-Way Speaker

8-in polypropylene woofer, 4-in poly midrange, 1-in ferrofluid-cooled soft-dome tweeter. Features 18-dB/oct crossover. FR 40-20,000 Hz; sens 90 dB; imp 6 ohms. Available in oak or black finish. 10 x 32 x 10 in; 40 lb\$700/pr

G-33/2 2-Way Speaker

10-in poly-cone woofer, 8-in poly-cone woofer, 1-in ferrofluid-cooled dome tweeter. Features 18-dB/oct crossover. Crossover point 1,500 Hz; FR 36-22,500 Hz; sens 91 dB; imp 6 ohms. 16 x 29½ x 9 in; 34 lb\$525/pr

G-11/2 2-Way Speaker

8-in poly-cone woofer, 1-in ferrofluid-cooled dome tweeter. Features 12-dB/oct crossover. Power handling 100 W cont; crossover point 1,500 Hz; FR 44-22,500 Hz; sens 90 dB; imp 6 ohms. 12 x 19½ x 8½ in; 20 lb\$400/pr

G-10 2-Way Speaker

8-in long-throw woofer, 1-in ferrofluid-cooled inverted-dome tweeter. Features 12-dB/oct crossover. Power handling 100 W; crossover point 2,200 Hz; FR 38-20,000 Hz ±3 dB; sens 91 SPL/W/m; imp 6 ohms. 11½ x 20 x 10½ in; 34 lb\$375/pr

G-7/2 2-Way Bookshelf Speaker

6½-in poly-cone woofer, ¾-in ferrofluid-cooled metal-dome tweeter. Features 12-dB/oct crossover. Power handling 60 W cont; crossover point 2,500 Hz; sens 90 dB; imp 6 ohms. 12 x 16 x 6 in; 15 lb\$300/pr

G-1 2-Way Speaker

8-in long-throw woofer, 1-in ferrofluid-cooled inverted-dome tweeter. Features 12-dB/oct crossover. Power handling 80 W; crossover point 2,500 Hz; FR 40-20,000 Hz ±3 dB; sens 90 SPL/W/m; imp 6 ohms. 10½ x 19 x 8½ in; 28 lb\$260/pr

CAMBRIDGE SOUNDWORKS

The following are designed by Henry Kloss and are available through mail order. They feature a 30-day in-home trial period and a 7-year limited parts-and-labor warranty.

Model Twelve-A Powered Subwoofer/Satellite System

Subwoofer, 2 satellites, 3-channel amp rated at 36 W. Transportable design with carrying case acting as subwoofer cabinet when empty and closed; AC or battery operation. Includes 12-V car cigarette-lighter adaptor. Rechargeable battery available\$699

Powered Subwoofer

Acoustic-suspension design with 12-in driver; amp rated at 140 W. Features active crossover. Line- and speaker-level inputs. Level control. Crossover point

selectable at 55, 80, 100, or 140 Hz. Black. 15½ x 26½ x 10¼ in. . . . \$699
Passive Slave Subwoofer. For use with above. Raises power output to 200 W. Black. 15½ x 26½ x 10¼ in. . . . \$299

New Ensemble Subwoofer/Satellite System
 2 subwoofers, each with 8-in driver; 2 satellites, each with 4-in ferrofluid-cooled midrange and 1¼-in ferrofluid-cooled direct-radiator tweeter. Features ¾-in integral tweeter dome; high-density particleboard subwoofer cabinet with internal bracing; ½-in-MDF wood-composite satellite cabinets. Gold-plated 5-way binding posts. Midrange and tweeter balance controls. Power handling 200 W; imp 6 ohms. Black-laminate subwoofers; Nextel gray or white satellites. Subwoofers 12 x 21 x 4½ in. Each satellite 8½ x 5¼ x 4 in. . . . \$629
 Above with vinyl-clad subwoofers . . . \$549
Ensemble II. As Ensemble, one subwoofer with two 6½-in drivers. Subwoofer 16 x 14 x 7¼ in. . . . \$439

The Surround 2-Way Surround Speaker
 Dipole design with one 4-in woofer and two 3½-in midranges. Power handling 100 W; FR 125-10,000 Hz; sens 86 dB SPL/W/m; imp 8 ohms. Nextel gray or white finish. 8½ x 5¼ x 5¼ in. . . . \$399/pr
The Surround II. As above, two drivers. Power handling 60 W. 6¼ x 4¼ x 4½ in. . . . \$249/pr

Powered Subwoofer II
 Acoustic-suspension design with 8-in long-throw driver; amp rated at 120 W. Features active crossover with 18-dB/oct low-pass filter. Line- and speaker-level inputs; gold-plated binding posts; level control. Crossover point selectable at 55, 80, 100, or 140 Hz. Black. 21 x 11¼ x 8½ in. . . . \$399

Ensemble IV Home Theater System
 Acoustic-suspension subwoofer with 5¼-in dual-voice-coil driver; 5 satellites, each with long-throw 3-in driver. Features MDF subwoofer cabinet; ABS satellite cabinets. Magnetic satellite shielding. Black subwoofer; Nextel gray satellites. Subwoofer 6½ x 8 x 12 in. Each satellite 4 x 4 x 3½ in. . . . \$379

Ensemble III Subwoofer/Satellite System
 Acoustic bandpass subwoofer with 6½-in dual-voice-coil driver; 2 satellites, each with 3¼-in ferrofluid-cooled midrange and 1-in ferrofluid-cooled tweeter. Features flared subwoofer port; MDF subwoofer cabinet; ABS satellite enclosures. Magnetic satellite shielding. Black subwoofer; Nextel gray satellites. Subwoofer 8 x 8 x 15 in. Each satellite 6½ x 4¼ x 3 in. . . . \$329

The Outdoor 2-Way Outdoor Speaker
 Acoustic-suspension design with 5¼-in copolymer woofer and 1-in dome tweeter. Features water resistance; inert calcium-filled polypropylene enclosure. Gold-plated 5-way binding posts. Paintable off-white finish. 7 x 11 x 5½ in. . . . \$279/pr
The Outdoor In-Wall. As above, slim-line enclosure with braced polymer shell. 8¼ x 11¼ x 3¼ in. . . . \$329/pr

Ensemble IV Subwoofer/Satellite System
 Acoustic-suspension bandpass subwoofer with 5¼-in dual-voice-coil driver; 2 satellites, each with long-throw 3-in driver. Features MDF subwoofer cabinet; ABS satellite cabinets. Magnetic satellite shielding. Black subwoofer; Nextel-gray satellites. Subwoofer 6½ x 8 x 12 in. Each satellite 4 x 4 x 3½ in. . . . \$229

Center Channel Plus 2-Way Speaker
 Acoustic-suspension design with four 3¼-in drivers and one 1¼-in ferrofluid-cooled direct-radiator tweeter. Features integral ¾-in tweeter dome; MDF enclosure. Magnetic shielding. Power handling 100 W; sens 86 dB; imp 8 ohms. Black-vinyl finish. 4 x 25 x 6½ in. . . . \$219
 Support for under-TV use . . . \$25

SoundWorks Multi-Media Powered Subwoofer/Satellite System
 Bandpass subwoofer with 4½-in long-throw driver; 2 satellites, each with 2½-in long-throw driver; 3-chan-

nel 90-W amp integrated within subwoofer. AC/DC operation. Includes desk stands. Black subwoofer; off-white or Nextel-gray satellites. Each satellite 3¾ x 3¾ x 3½ in. . . . \$199

Ambiance 2-Way In-Wall Speaker
 Acoustic-suspension design with 5¼-in woofer and 1-in ferrofluid-cooled dome tweeter. Crossover point 1,800 Hz; sens 83 dB SPL/W/m; imp 8 ohms. 8¼ x 11¼ x 3¼ in. . . . \$165

Center-Channel 2-Way Speaker
 Acoustic-suspension design with 4-in long-throw woofer and 1¼-in ferrofluid-cooled direct-radiator tweeter. Features ¾-in integral tweeter dome; MDF enclosure. Magnetic shielding. Power handling 60 W; crossover point 2,300 Hz; sens 86 dB; imp 6 ohms. Nextel gray or white finish. 8¼ x 6¼ x 4 in. . . . \$149

Model Six 2-Way Bookshelf Speaker
 Acoustic-suspension design with 8-in long-throw polypropylene woofer and 1¼-in ferrofluid-cooled tweeter. Features integral ¾-in tweeter dome; MDF enclosure. Power handling 150 W; crossover point 2,000 Hz; sens 90 dB; imp 8 ohms. Oak, teak, or black-ash finish. 18¼ x 11¼ x 7½ in. . . . \$129

Model Seventeen 2-Way Bookshelf Speaker
 Acoustic-suspension design with 5¼-in long-throw woofer and ¾-in polycarbonate-dome tweeter. Features MDF enclosure. Oak, teak, or black finish. 7¼ x 11½ x 6 in. . . . \$89

CANTON

The following feature 12-dB-per-octave crossover slopes and an impedance of 4-8 ohms.

Ergo 90DC 3-Way Speaker
 Bass-reflex design with two 8-in woofers, one 6-in midrange, and one 1-in tweeter. Power handling 250 W max; crossover points 300 and 3,500 Hz; FR 20-30,000 Hz; sens 88.3 dB SPL/W/m. Light cherry, oak, walnut, black ash or white ash finish; custom finish available. 10 x 41½ x 12½ in; 49.5 lb . . . \$3,000/pr
Ergo 80DC. As Ergo 90DC, 3-way design without 6-in driver. Power handling 180 W max; FR 22-30,000 Hz; sens 87.5 dB SPL/W/m. 9½ x 37½ x 10½ in; 41.8 lb . . . \$2,000/pr

Ergo 70DC 3-Way Speaker
 Bass-reflex design with 7-in woofer, 7-in midrange, and 1-in tweeter. Power handling 150 W max; crossover points 300 and 3,500 Hz; FR 25-30,000 Hz; sens 87.5 dB SPL/W/m. Light-cherry, oak, walnut, black, or white finish; custom finish available. 8½ x 35½ x 9¼ in; 37.5 lb . . . \$1,750/pr

Plus Alpha 1 Powered Subwoofer
 Acoustic-suspension design with 12-in driver; amp rated at 100 W x 1 into 4 ohms with 0.3% THD. Features adjustable crossover; ground/differential switch. Level control; adjustable auto turn-on. Power handling 100 W rms; crossover point selectable from 60-120 Hz; FR 20-120 Hz; sens 96 dB SPL/W/m. Black or white satin lacquer. 13¼ x 15¼ x 15¼ in. . . . \$1,100

Karat 930DC 2-Way Bookshelf Speaker
 Bass-reflex design with 9-in woofer and 1-in tweeter. Power handling 120 W max; crossover point 2,800 Hz; FR 27-30,000 Hz; sens 87.3 dB SPL/W/m. Walnut, black, white, or dark-cherry finish. 10¼ x 17 x 10¼ in; 24.2 lb . . . \$1,000/pr
Karat 920DC. As above, 8-in woofer. Power handling 100 W max; FR 33-30,000 Hz; sens 87 dB SPL/W/m. 9 x 13½ x 8¼ in; 15 lb . . . \$750/pr

Fonissimo 4 Subwoofer/Satellite System
 Subwoofer with two 8-in drivers; 4 coaxial satellites, each with 4-in midrange and 1-in tweeter. Power handling 180 W max; crossover points 120 and 2,200 Hz; FR 22-30,000 Hz; sens 87 dB SPL/W/m. Black or white. Subwoofer 9½ x 12½ x 15¼ in; 26.4 lb. Each satellite 5½ x 5 x 5½ in; 3.1 lb . . . \$995
Fonissimo. As above, with 7-in subwoofer drivers,

two satellites. Power handling 140 W max; sens 86.5 dB SPL/W/m. Subwoofer 8½ x 11½ x 13 in; 20.5 lb . . . \$595

AV-950 2-Way Center-Channel Speaker
 Bass-reflex design with two 7-in woofers and one 1-in tweeter. Magnetic shielding. Power handling 140 W max; crossover point 2,800 Hz; FR 26-30,000 Hz; sens 87.9 dB SPL/W/m. Black satin lacquer. 19¼ x 9 x 10 in; 23.5 lb . . . \$700

Plus C Subwoofer
 12-in driver. Power handling 100 W max; crossover point 120 Hz; FR 22-120 Hz; sens 87.7 dB SPL/W/m. Walnut, black, or white. 13½ x 14¼ x 13¾ in; 26.2 lb . . . \$600

InWall9 2-Way Speaker
 Coaxial design with 9-in woofer and 1-in tweeter. Power handling 100 W max; crossover point 2,500 Hz; FR 34-22,000 Hz; sens 89 dB SPL/W/m. White. Mounting diameter 9½ in. Mounting depth 3¾ in. . . . \$600/pr

InWall6. As above, 6-in woofer and ½-in tweeter. Power handling 75 W max; crossover point 4,000 Hz; FR 45-22,000 Hz; sens 87 dB SPL/W/m. Mounting diameter 6¼ in. . . . \$500/pr

Plus D 2-Way Bookshelf Speaker
 Bass-reflex design with 6-in woofer and 1-in tweeter. Power handling 80 W max; crossover point 2,500 Hz; FR 41-30,000 Hz; sens 88 dB SPL/W/m. Black or white. 7½ x 10½ x 7½ in; 8.8 lb . . . \$500/pr

Patio 160 2-Way Outdoor Speaker
 6-in woofer, 1-in tweeter. Power handling 80 W max; crossover point 2,900 Hz; FR 42-30,000 Hz; sens 88 dB SPL/W/m. White. 7 x 10½ x 5 in; 8.8 lb . . . \$450/pr

Plus F 2-Way Wall Speaker
 4-in woofer, 1-in tweeter. Designed for on-wall mounting. Power handling 70 W max; crossover point 2,500 Hz; FR 48-30,000 Hz; sens 87.4 dB SPL/W/m. White. 7½ x 10½ x 2½ in; 4.9 lb . . . \$400/pr

AV-500 2-Way Center-Channel Speaker
 Two 4-in woofers, 1-in tweeter. Magnetic shielding. Power handling 70 W max; crossover point 3,000 Hz; FR 40-30,000 Hz; sens 87.5 dB SPL/W/m. Black or white. 17 x 5½ x 6½ in; 9.5 lb . . . \$400

Plus X 2-Way Bookshelf Speaker
 4-in woofer, 1-in aluminum-manganese dome tweeter. Power handling 80 W max; crossover point 2,500 Hz; FR 45-30,000 Hz; sens 87 dB SPL/W/m. Black or white. 5½ x 8 x 5½ in; 5.1 lb . . . \$375/pr

AV-700 2-Way Center-Channel Speaker
 Two 4-in woofers, one 1-in tweeter. Magnetic shielding. Power handling 100 W max; crossover point 3,000 Hz; FR 40-30,000 Hz; sens 87.5 dB SPL/W/m. Black satin lacquer finish. 17½ x 2½ x 2½ in; 8.8 lb . . . \$350

Plus S 2-Way Bookshelf Speaker
 4-in woofer, 1-in tweeter. Power handling 70 W max; crossover point 2,200 Hz; FR 45-30,000 Hz; sens 87.2 dB SPL/W/m. Black or white. 4¼ x 8 x 4¼ in; 5.1 lb . . . \$350/pr

HC100 2-Way Bookshelf Speaker
 4-in woofer, 1-in tweeter. Power handling 60 W max; crossover point 1,700 Hz; FR 48-30,000 Hz; sens 87.2 dB SPL/W/m. Black or white. 7½ x 4¼ x 5¼ in; 4 lb . . . \$300/pr

SC Series
The following feature an outboard active line-level distortion-correction processor with inputs for a pre-amplifier and outputs for a power amplifier.

Ergo SC-L 3-Way Speaker
 Bass-reflex design with two 9-in woofers, one 6-in midrange, and one 1-in tweeter. Power handling 350 W max; crossover points 300 and 3,500 Hz; FR 18-30,000 Hz; sens 88.5 dB SPL/W/m. Oak, walnut,

black-ash, white-ash, or light-cherry finish. 10 x 4 1/4 x 12 1/2 in.; 51.7 lb\$4,000/pr
High-gloss black, high-gloss white, or other custom finish\$5,500/pr

Ergo SC-S3-Way Speaker

Bass-reflex design with 7-in woofer, 7-in midrange, and 1-in tweeter. Power handling 250 W max; crossover points 300 and 3,500 Hz; FR 18-30,000 Hz; sens 87.5 dB SPL/W/m. Oak, walnut, black-ash, white-ash, or light-cherry finish. 8 1/2 x 35 1/2 x 9 1/2 in.; 37.5 lb\$2,500/pr
High-gloss black, high-gloss white, or other custom finish\$4,000/pr

Karat SC 2-Way Bookshelf Speaker

Bass-reflex design with 8-in woofer and 1-in tweeter. Power handling 180 W max; crossover point 3,000 Hz; FR 22-30,000 Hz; sens 86 dB SPL/W/m. Walnut, black-ash, white-ash, or dark-cherry finish. 9 x 13 1/2 x 10 1/2 in.; 19.1 lb\$1,500/pr

Combi SC Subwoofer/Satellite System

Subwoofer with 9-in driver; two satellites, each with 4-in midrange and 1-in tweeter. Power handling 150 W max; crossover points 120 and 3,300 Hz; FR 22-30,000 Hz; sens 86 dB SPL/W/m. Black or white. Subwoofer 11 x 11 1/2 x 13 1/2 in.; 21.3 lb. Each satellite 4 1/4 x 5 x 5 in.; 3.1 lb\$1,250

Home Theater MoviePacks Series

Ergo MoviePack Home Theater System

Two Ergo 90 speakers, two Plus F's, and one AV-950\$3,995

Plus MoviePack Active Home Theater System

Four Plus S speakers, one Plus Alpha 1, and one AV-500\$1,995
Plus MoviePack. As above, with Plus C Subwoofer. No Plus Alpha 1 Subwoofer\$1,595

Fonum MoviePack Home Theater System

Two Fonum 601 speakers, two Plus X's, and one AV-700\$1,695

Karat MoviePack Home Theater System

Two Karat 920 speakers, two Plus F's, and one AV-500\$1,495

Fonissimo MoviePack Home Theater System

Fonissimo 4 subwoofer/satellite system, plus one AV-700\$1,295

Fonum Series

The following are finished in black vinyl.

Fonum SC-S3-Way Speaker

Bass-reflex design with two 8-in woofers and one 1-in tweeter. Features Active Distortion Correction for bass enhancement. Gold-plated connection panel with screw-type clamps; biwire/biamp terminals. Power handling 200 W max; crossover points 300 and 3,500 Hz; FR 22-30,000 Hz; sens 87.5 dB SPL/W/m. 9 x 33 1/2 x 10 1/2 in.; 28.6 lb\$1,295/pr

Fonum 701DC 3-Way Speaker

Bass-reflex design with two 8-in woofers, one 6-in midrange, and one 1-in tweeter. Power handling 200 W max; crossover points 300 and 3,500 Hz; FR 20-30,000 Hz; sens 89.1 dB SPL/W/m. 9 1/2 x 39 1/2 x 12 1/2 in.; 48.4 lb\$1,295/pr

Fonum 601DC. As above, one 8-in woofer, one 8-in midrange, and one 1-in tweeter. Power handling 150 W max; FR 25-26,000 Hz; sens 89.5 dB SPL/W/m. 9 1/2 x 35 1/2 x 10 1/2 in.; 40 lb\$995/pr

Fonum 501DC 2-Way Speaker

Bass-reflex design with 8-in woofer and 1-in tweeter. Power handling 120 W max; crossover point 3,200 Hz; FR 30-26,000 Hz; sens 88.5 dB SPL/W/m. 9 1/2 x 31 1/2 x 10 1/2 in.; 34.1 lb\$795/pr

Fonum SC-32-Way Bookshelf Speaker

Bass-reflex design with 8-in woofer and 1-in tweeter. Features Active Distortion Correction bass enhancement. Gold-plated connection panel with screw-type

clamps; biwire/biamp terminals. Power handling 160 W max; crossover point 3,000 Hz; FR 22-30,000 Hz; sens 86 dB SPL/W/m. 9 1/2 x 14 1/2 x 10 1/2 in.; 16.5 lb\$795/pr

Fonum 301DC 2-Way Bookshelf Speaker

Bass-reflex design with 8-in woofer and 1-in tweeter. Power handling 90 W max; crossover point 3,000 Hz; FR 38-26,000 Hz; sens 86.7 dB SPL/W/m. 9 1/2 x 14 1/2 x 8 1/2 in.; 13.2 lb\$495/pr

Fonum 251DC 2-Way Bookshelf Speaker

Bass-reflex design with 6-in woofer and 1-in tweeter. Power handling 80 W max; crossover point 3,200 Hz; FR 42-26,000 Hz; sens 85.3 dB SPL/W/m. 7 1/2 x 11 1/2 x 8 in.; 9.5 lb\$349/pr

CARVER

AL-III 2-Way Ribbon Speaker

10-in down-firing ported woofer, 48-in full-range ribbon driver. Features quasi-Butterworth 18-dB/oct crossover. Bass, midrange, and treble frequency controls. Power handling 575 W; crossover point 150 Hz; FR 34-20,000 Hz \pm 3 dB; sens 86 dB SPL/W/m; imp 4 ohms. Natural or black solid oak. 14 1/2 x 72 1/2 x 16 1/2 in.; 80 lb\$2,000/pr

CASTLE

Winchester 2-Way Speaker

Two 6-in woofers, one 1-in metal-dome tweeter. Features twin-pipe quarter-wave low-frequency design. Power handling 150 W max; FR 35-25,000 Hz; sens 90 dB; imp 8 ohms. 9 1/2 x 45 x 19 in.; 68.2 lb \$3,599/pr
Rosewood or yew finish\$4,199/pr

Howard 2-Way Speaker

Two 6-in woofers, one 1-in metal-dome tweeter. Features twin-pipe quarter-wave low-frequency design. Power handling 130 W max; FR 40-25,000 Hz; sens 90 dB; imp 8 ohms. 10 1/2 x 41 1/2 x 16 1/2 in.; 54.6 lb\$2,499/pr
Rosewood or yew finish\$2,999/pr

Chester II 2-Way Speaker

6-in woofer, 1-in metal-dome tweeter. Features single-pipe quarter-wave low-frequency design. Power handling 100 W max; FR 44-25,000 Hz; sens 90 dB; imp 8 ohms. 9 1/2 x 36 1/2 x 10 1/2 in.; 37 lb\$1,749/pr
Rosewood or yew finish\$1,999/pr

Seven 2-Way Speaker

5 1/2-in polypropylene woofer, 1-in soft-dome tweeter. Features single-port reflex design. Power handling 100 W max; FR 47-25,000 Hz; sens 87 dB; imp 8 ohms. 8 x 30 1/2 x 9 1/2 in.; 23.1 lb\$1,099/pr
Rosewood or yew finish\$1,299/pr

York 2-Way Bookshelf Speaker

6-in polypropylene woofer, 1-in soft dome tweeter. Features twin-port reflex design. Power handling 100 W max; FR 50-22,000 Hz; sens 89 dB; imp 8 ohms. 17 1/2 x 8 1/2 x 10 1/2 in.; 15.8 lb\$849/pr
Rosewood or yew finish\$999/pr

Durham 900 2-Way Bookshelf Speaker

5 1/2-in polypropylene woofer, 1-in soft-dome tweeter. Features single-port reflex design. Magnetic shielding. Power handling 85 W max; FR 60-22,000 Hz; sens 90 dB; imp 8 ohms. 8 1/2 x 16 x 7 1/2 in.; 15 lb\$669/pr
Rosewood or yew finish\$769/pr

Trent II 2-Way Bookshelf Speaker

5 1/2-in polypropylene woofer, 1 1/2-in ferrofluid-damped tweeter. Features twin-port reflex design. Power handling 50 W max; FR 70-22,000 Hz; sens 89 dB; imp 8 ohms. 7 1/2 x 13 1/2 x 8 1/2 in.; 8.4 lb\$439/pr
Rosewood or yew finish\$499/pr

CELESTION

Kingston 2-Way Speaker

6 1/2-in Cobex woofer, 1 1/2-in aluminum-dome tweeter. Features high-density acoustically inert single-piece

Definitive Technology
The Leader in High-Performance Loudspeakers.

Authorized Dealers

- AK: Alaska Audio; Juneau; Hail's Fairbanks; Pyramid; Anchorage.
- AL: Cohen's Electronics; Montgomery; Kincaid's TV; Tuscaloosa; Likis Audio; Birmingham.
- AR: Custom A/V; Little Rock.
- AZ: Jerry's Audio Video; Phoenix; Tucson.
- CA: Access to Music; Larkspur; Accurate A/V; S. Lake Tahoe; Audio Concepts; Long Beach; San Gabriel; Bay Area Audio; San Jose; Christopher Hansen; West LA; Coast Saltilite; Atascadero; Santa Maria; Creative Stereo; Santa Barbara, Ventura; David Rutledge Audio; Palm Desert; DB Audio; Berkeley; Digital Ear; Tusin; Larson's; Redding; Monterey Stereo; Monterey; Pacific Coast A/V; Newport Beach; Paradyme; Sacramento; Performance Audio; San Francisco; Sound Co.; Escondido; San Diego; Systems Design; Redondo Beach; Videolek; Westminster; Westchester TV; Bakersfield; Wilson A/V; Woodland Hills.
- CO: Listen Up; Denver; Boulder, Colorado Springs.
- CT: Al Franklin's; Hartford; Carston's Audio Video; Danbury; Robert's Audio Video; New London.
- DC: Suburban Audio Buys.
- DE: Sound Studio; Newark; Wilmington.
- FL: Absolute Sound; Winter Park; Audio Advisors; West Palm Beach; Audio Center; Deerfield Beach; Cooper for Stereo; Clearwater; Hoyt Stereo; Jacksonville; Palm Audio; Destin; Sound Components; Coral Gables; Sound Ideas; Gainesville; Sound Insight; Ft. Pierce; Stereozone; Daytona Beach; Stereo World; Ft. Myers; Naples; Stuart A/V; Stuart.
- GA: Audio Warehouse; Savannah; Ken's Stereo; J.C.; Macon; Merit TV; Columbus; Stereo Connections; Valdosta; Stereo Festival; Atlanta; Stereo Shop; Martinez.
- HI: Audio Center; Honolulu.
- IA: Audio King; Cedar Rapids; Des Moines; Audio Video Logic; Des Moines; Archer Audio Video; Ft. Dodge; Camera Corner; Davenport.
- ID: Ultimate Electronics; Boise; Wise Buy; Idaho Falls.
- IL: United Audio Ctrs.; Chicago; & Suburbs; Camera Corner; Bloomington; Cars & Stereos; Rockford; Jon's Home Ctr.; Quincy; Sd Forum; Crystal Lake; Select Sd; Naperville; Sundown A/V; Springfield.
- IN: Ovaltion Audio; Clarksville; Indianapolis.
- KS: Accent Sound; Overland Park; Advance Audio; Wichita; Audio Jct.; Junction City.
- KY: Ovaltion Audio; Lexington; Louisville.
- LA: Allerman Audio; New Orleans; Metaine; Covington; Sound Advice; Baton Rouge; Wright's Sound Gallery; Shreveport.
- MA: Cookin'; Saugus; Goodwins Audio; Boston; Shrewsbury; Nantucket Sound; Hyannis.
- MD: Audio Buys; Annapolis; Gaithersburg; Laurel; Rockville; Waldorf; Gramophone; Balt.; Ellicott City; Soundscape; Baltimore.
- MI: Cookin'; Portland; Sound Source; Bangor.
- MI: Pecar's; Detroit; Troy; Classical Jazz; Holland; Classic Stereo; Kalamazoo; Grand Rapids; Front Row A/V; Flint; Future Sound; Ypsilanti; Court St.; Listening Rm.; Midland; Saginaw.
- MN: Audio Basics; Winona; Audio King; Minneapolis; & Suburbs; Rochester; St. Cloud; Audio Perfection; Minneapolis.
- MO: Independence A/V; Indeo; Sound Central; St. Louis.
- MS: McLelland TV; Hattiesburg; Players A/V; Rideland.
- MT: Car & Home Stereo Ctr.; Billings; Rocky Mt. Hi Fi; Great Falls.
- NC: Audio Video Systems; Charlotte; Audio Vision; Wilmington; Now Audio Video; Durham; Greensboro; Raleigh; Winston Salem; Audio Lab; Wilmington; Tri City Elect.; Conover.
- NE: Custom Electronics; Omaha; Lincoln.
- NH: Cookin'; Nashua; Manchester; Newington; Salem; S. Nashua.
- NJ: Hal's Stereo; Trenton; Monmouth Stereo; Shrewsbury; Wall; Sound Waves; Northfield; Woodbridge Stereo; West Caldwell; Woodbridge.
- NM: Ultimate Elect.; Albuquerque; Sound Ideas; Albuquerque.
- NV: Ultimate Elect.; Las Vegas; Upper Ear; Las Vegas.
- NY: Alpha Stereo; Plattsburgh; Audio Breakthroughs; Manhasset; Audio Den; Lake Grove; Audio Expressions; Newburgh; Audio Junction; Watertown; Clark Mus.; Albany; Syracuse; Stereo Exchange; Manhattan; Nanuet; Hart Elect.; Ithaca; Vestal; Innovative Audio; Brooklyn; Listening Rm.; Scarsdale; Rowe Camera; Rochester; Sound Mill; Mt. Kisco; Yorktown Hts.; Speaker Shop; Armerst; Buffalo.
- OK: Contemporary Sds; Ok. City; K Labs Premium Audio; Tulsa.
- OH: Audio Cral; Akron; Cleveland; Mayfield Hts.; Westlake; Audio Etc.; Dayton; Paragon Sound; Toledo.
- OR: Bradford's; HiFi; Eugene; Chelsea A/V; Portland; Beaverton; Kelly's Home Ctr.; Salem; Larson's; Medford; Roseburg; Stereo Plant; Bend.
- PA: Gary's Elect.; State College; GNT Stereo; Lancaster; Hart Elect.; Blakey; Kingston; Hi Fi House; Abington; Boomall; Hi Fi House; Harrisburg; Camp Hill; Listening Post; Pittsburgh; Palmor Audio; Allentown; Shareland; Natrona Heights; Studio One; Erie; The StereoShop; Greensburg.
- RI: Stereo Discount Ctr.; Providence.
- SC: A/V Design; Charleston; Custom Theater & Audio; Myrtle Beach; Upstairs Audio; Columbia.
- SD: Audio King; Sioux Falls.
- TN: College HiFi; Chattanooga; Hi Fi Buys; Nashville; Now Audio Video; Knoxville; Modern Music; Memphis; New Wave Elect.; Jackson; Sound Room; Johnson City.
- TX: Home Entertainment; Dallas; Houston; Audio Tech; Temple; Waco; Audio Video; College Station; Brock A/V; Beaumont; Bunkley's Sd. Systems; Abilene; Bjorn's; San Antonio; High Fidelity; Austin; Krystal Clear; Dallas; Marvin Electronics; Ft. Worth; Sd. Box; San Angelo; Sd. Quest; El Paso; Sd. Systems; Amarillo; Sd. Towne; Texarkana.
- UT: Alpine Elect.; Provo; AudioWorks; Salt Lake City; Crazy Bob's; St. George; Stokes Bros.; Logan; Ultimate Elect.; Layton; Murray; Orem; Salt Lake City.
- VA: Audio Buys; Arlington; Fairfax; Falls Church; Manassas; Audio Connection; Virginia Beach; Audiotechnics; Roanoke; Home Media Store; Richmond; Stereo Type; Charlottesville.
- VA: Audio Video Authority; S. Burlington.
- VA: Definitive Audio; Belleme; Southview; Evergreen Audio; Silverdale; Pacific St.; Sd.; Wenatchee; Tin Ear; Kennewick.
- W. VA: Sound Post; Princeton.
- WI: Audio Emporium; Milwaukee; Absolute Sd.; & Vision; Sheboygan; Hi-Fi Heaven; Appleton; Green Bay; Sd. World; Wausau.
- Puerto Rico: Precision Audio; Rio Piedras.
- Canada: A & B Sound; Calgary; Edmonton; Kelowna; Vancouver & Suburbs; Victoria; Advance Electronics; Winnipeg; Bay Radio; Toronto; Centre Audio; Charesl; Trois Rivières; CORA; Quebec City; Digital Dynamics; Clearbrook; Great West Audio; London; Lipton's; New Market Ontario; Peak Audio; Halifax; Sd. Room; Vancouver; StereoLand; Windsor; Treble Clef; Ottawa.
- Mexico: Contact Grupo Volumen; Mexico City.

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Alphacrystal enclosure; polypropylene capacitors; silver-plated OFC wiring. Gold-plated biwire/biamp binding posts. Integral stand. FR 68-20,000 Hz ± 3 dB; sens 84 dB SPL/W/m; imp 8 ohms. Natural granite finish. 8 1/2 x 39 1/4 x 14 in; 90 lb\$4,000/pr

Hundreds Series

Model 700SE 2-Way Speaker

Aerolam aluminum honeycomb sealed enclosure with 6 1/2-in Cobex cast-frame woofer and 1 1/4-in aluminum-dome tweeter. Features figure-8 bracing. Bi-wire/biamp terminals. Integral stand with loading materials. Gray Nextel finish\$3,399/pr

Model 600Si 2-Way Speaker

Aerolam aluminum honeycomb sealed enclosure with 6 1/2-in Cobex cast-frame woofer and 1 1/4-in copper-dome tweeter. Biwire/biamp terminals. Stand optional. Gray Nextel finish\$2,099/pr

DLP-600. Digital processor for above to reduce amplitude and phase errors. Includes fiber-optic and RCA cables\$799

Model 300 2-Way Speaker

Transmission-line design with 6 1/2-in Cobex cast-frame woofer and 1 1/4-in aluminum-dome tweeter. Features dual figure-8 braces; adjustable spikes. Bi-wire/biamp terminals. Mahogany finish\$1,999/pr
Walnut or black-oak finish\$1,799/pr

Model 100 2-Way Speaker

Sealed design with 6 1/2-in Cobex cast-frame woofer and 1 1/4-in aluminum-dome tweeter. Features dual figure-8 braces. Biwire/biamp terminals. Stand optional. Mahogany finish\$1,299/pr
Walnut or black-oak finish\$1,199/pr

Impact Series

The following feature a black-ash finish.

Impact 40 3-Way Speaker

10-in woofer, 5-in midrange, 1-in ferrofluid-cooled tweeter. Features 3/4-in MDF cabinet with figure-8 bracing. Magnetic shielding. Includes spiked feet. Power handling 225 W max; sens 91 dB SPL/W/m; imp 4 ohms. 12 1/2 x 39 1/4 x 11 1/2 in\$950/pr

Impact 35. As above, 8-in woofer. Power handling 200 W max\$750/pr

Impact 30. As Impact 40, 6-in woofer, 4-in midrange. Power handling 150 W max; sens 90 dB SPL/W/m. 9 3/4 x 32 1/2 x 9 3/4 in\$650/pr

Impact 25 2-Way Speaker

8-in woofer, 1-in ferrofluid-cooled tweeter. Features 3/4-in MDF cabinet with figure-8 bracing. Magnetic shielding. Includes spiked feet. Power handling 120 W max; sens 90 dB SPL/W/m; imp 8 ohms. 10 3/4 x 32 1/2 x 11 1/2 in\$550/pr

Impact 20 2-Way Bookshelf Speaker

8-in woofer, 1-in ferrofluid-cooled tweeter. Features 3/4-in MDF cabinet with figure-8 bracing. Magnetic shielding. Includes spiked feet. Power handling 120 W max; sens 90 dB SPL/W/m; imp 8 ohms. 10 3/4 x 18 1/2 x 11 1/2 in\$399/pr

Impact 15 2-Way Bookshelf Speaker

6-in woofer, 1-in ferrofluid-cooled tweeter. Features 3/4-in MDF cabinet; integral molded front baffle. Power handling 90 W max; sens 89 dB SPL/W/m; imp 6 ohms. 9 1/2 x 18 1/2 x 11 1/2 in\$299/pr
Impact 10. As above, 5-in woofer. Power handling 75 W max; sens 88 dB SPL/W/m. 7 1/2 x 12 1/4 x 8 in\$199/pr

Style Series

Model CSW Powered Subwoofer

Bandpass enclosure with 8-in driver; 75-W amp. Features variable crossover. Magnetic shielding. Gray\$479

MP-1 2-Way Bookshelf Speaker

Rear-vented design with 4 1/2-in woofer and 1-in soft-dome tweeter. Features weather resistance. Magnetic shielding; integral adjustable stand/wall mount. Gray or white\$299/pr

Center-2 2-Way Center-Channel Speaker

Vented design with two 4 1/2-in woofers and one 1-in soft-dome tweeter. Magnetic shielding; adjustable tilting feet. Gray\$249

Little-1 2-Way Bookshelf Speaker

Sealed design with 3 1/2-in woofer and 1-in soft-dome tweeter. Integral stand/wall mount. Gray or white\$199/pr

Model CSC 2-Way Center-Channel Speaker

Two 3 1/2-in felted-fiber woofers, one 1-in polymer-dome tweeter. Gray\$179

CELLO

Stradivari Grand Master 3-Way Speaker

Acoustic-suspension design with two 12-in woofers, eight 2-in dome midranges, and eight 3/4-in dome tweeters. Features Dynaudio drivers. Crossover points 500 and 5,000 Hz; imp 2 ohms. Piano black finish. 17 x 86 1/2 x 18 in; 500 lb\$55,000/pr
Rosewood finish\$50,000/pr

Stradivari Master 3-Way Speaker

Acoustic-suspension design with two 12-in woofers, four 2-in dome midranges, and four 3/4-in dome tweeters. Features Dynaudio drivers. Crossover points 500 and 5,000 Hz; imp 3 ohms. Piano black finish. 17 x 61 1/2 x 18 in; 370 lb\$30,000/pr
Rosewood finish\$26,000/pr

Stradivari Premiere 3-Way Speaker

12-in woofer, 3-in dome midrange, 1-in dome tweeter. Features Dynaudio drivers. Crossover points 500 and 7,000 Hz; imp 6 ohms. Piano black finish. 17 x 45 x 18 in; 260 lb\$15,000/pr
Black-ash finish\$12,000/pr
Rosewood finish\$10,000/pr

Serafin 2-Way Bookshelf Speaker

9-in woofer, 1-in dome tweeter; woofer amp rated at 90 W x 1 from 40-2,000 Hz with 0.01% THD; tweeter amp rated at 60 W x 1 from 2,000-20,000 Hz with 0.01% THD. Crossover point at 2,000 Hz. Burlwood finish. 19 x 13 x 15 in\$10,500/pr
Mahogany or walnut finish\$10,000/pr

Amati 3-Way Speaker

Acoustic-suspension design with one 12-in woofer, four 1 1/2-in dome midranges, and four 3/4-in tweeters. Crossover points 400 and 5,000 Hz; sens 90 dB SPL/W/m; imp 4 ohms. 19 x 27 x 10 in; 80 lb\$10,000/pr

Legend 3-Way Speaker

Acoustic-suspension design with 12-in woofer, 3-in dome midrange, and 1-in dome tweeter. Features Dynaudio drivers. Crossover points 500 and 5,000 Hz. Burlwood finish. 14 x 26 1/2 x 12 in; 80 lb\$6,500/pr
Walnut, mahogany or black-ash finish\$6,000/pr

CERWIN-VEGA

The following feature a 5-year limited warranty.

HT-12PWR Powered Subwoofer

Ported design with 12-in driver; integral amp rated at 150 W rms. Features motor-driven volume control; clipping protection with indicator; 12-dB/oct crossover; 18-dB/oct subsonic filter at 30 Hz. Auto turn-on; phase-reverse switch; remote control. Crossover point variable from 45-150 Hz; FR 30-150 Hz ± 3 dB; sens 93 dB SPL/W/m. Black woodgrain veneer finish. 23 1/2 x 15 x 18 1/4 in\$900

HT-10PWR. As above, 10-in driver with amp rated at 100 W rms. Sens 91 dB SPL/W/m. 18 1/2 x 13 x 16 1/4 in\$800

HT-210C Subwoofer/Center-Channel Speaker

Video pedestal design combining subwoofer with two 10-in drivers and center-channel speaker with 6 1/2-in midrange and 1-in polycarbonate dome tweeter. Features defeatable 12-dB/oct crossover with auto tweeter protection; die-cast aluminum woofer

frames. Magnetic shielding. Power handling 150 W subwoofer, 80 W center channel; FR 38-20,000 Hz ± 2 dB; sens 94 dB SPL/W/m; imp 8 ohms subwoofer. Black woodgrain veneer finish. 33 x 19 x 20 in\$650

W-8x2 2-Way In-Wall Speaker

8-in woofer, 1-in ferrofluid-cooled soft-dome tweeter. Features self-resetting tweeter protection; 12-dB/oct crossover. Power handling 150 W; crossover point 2,500 Hz; FR 60-20,000 Hz ± 2 dB; sens 91 dB SPL/W/m; imp 8 ohms. White. Mounting diameter 8 1/4 x 12 1/2 in. Mounting depth 3 1/2 in\$530/pr

W-Sub8 In-Wall Subwoofer

8-in long-throw driver. Features treated-foam driver surround; 12-dB/oct crossover. Power handling 150 W; crossover point 125 Hz; FR 40-125 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. White. Mounting diameter 8 1/4 x 12 1/2 in. Mounting depth 3 1/2 in\$460/pr

HT-12D Subwoofer

Bass-reflex design with 12-in dual-voice-coil driver. Features die-cast aluminum driver frame; passive crossover. Power handling 150 W/coil; FR 38-125 Hz ± 2 dB; sens 94 dB SPL/W/m; imp 8 ohms/coil. Black woodgrain veneer finish. 23 1/2 x 15 x 18 1/4 in\$445

HT-10D. As above, 10-in driver. Power handling 100 W/coil; FR 40-125 Hz ± 2 dB; sens 93 dB SPL/W/m. 18 1/2 x 13 x 16 1/4 in\$330

HT-S6 2-Way Satellite Speaker

Ported design with 6 1/2-in midrange and 1-in polycarbonate-dome tweeter. Features 6- and 12-dB/oct crossover slopes. Magnetic shielding. Power handling 80 W; crossover points 100 and 4,000 Hz; FR 100-20,000 Hz ± 2 dB; sens 92 dB SPL/W/m; imp 8 ohms. Black woodgrain veneer finish. 8 1/2 x 11 1/4 x 9 1/4 in; 10 lb\$380/pr

HT-S5 2-Way Satellite Speaker

Sealed design with 5-in midrange and 1-in polycarbonate-dome tweeter. Features 6- and 12-dB/oct crossover slopes; auto tweeter protection. Magnetic shielding. Includes wall-mount hardware and bracket. Power handling 60 W; crossover points 125 and 7,000 Hz; FR 125-20,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 8 ohms. Black woodgrain veneer finish. 6 1/2 x 9 1/4 x 6 1/4 in; 10.5 lb\$330/pr

HT-CTR 3-Way Center-Channel Speaker

Ported design with two 6 1/2-in midranges and one 1-in polycarbonate-dome tweeter. Features 12-dB/oct crossover with auto tweeter protection. Magnetic shielding. Power handling 150 W; crossover point 5,000 Hz; FR 80-20,000 Hz ± 2 dB; sens 114 dB SPL/W/m; imp 4 ohms. Black woodgrain veneer finish. 16 1/2 x 8 1/4 x 11 1/4 in\$320

HT-110 Subwoofer

Ported design with 10-in driver. Features die-cast aluminum driver frame; defeatable 12-dB/oct passive crossover. Power handling 250 W; crossover point 100 Hz; FR 38-100 Hz ± 2 dB; sens 94 dB SPL/W/m; imp 8 ohms. Black woodgrain veneer finish. 13 x 17 1/2 x 24 1/2 in\$290

HT-MDC 2-Way Center-Channel Speaker

Sealed design with two 5-in long-throw midranges and one 1-in polycarbonate-dome tweeter. Features rubber midrange surrounds; 12-dB/oct crossover with auto tweeter protection. Magnetic shielding. Power handling 100 W; crossover point 7,000 Hz; FR 100-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black woodgrain veneer finish. 14 1/2 x 6 1/4 x 6 1/2 in\$235

HT-SMC Center-Channel Speaker

Sealed design with 4 x 10-in full-range driver. Features auto driver protection. Magnetic shielding. Power handling 60 W; FR 100-10,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Black woodgrain veneer finish. 15 x 5 1/4 x 8 in\$165

Sensurround Home Theater Series

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HT-12PWR powered subwoofer; three HT-MDC

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front/center-channel speakers; two HT-S5 surround speakers\$1,935

Powered System 6 Home Theater System

One HT-10PWR powered subwoofer, one HT-MDC center-channel speaker, and four HT-S5 satellite speakers\$1,695

Sensurround 7 Home Theater System

Two HT-110 subwoofers; one HT-CTR center-channel speaker; four HT-S6 satellite speakers\$1,660

Sensurround 5 Home Theater System

HT-210C subwoofer/center-channel speaker; four HT-S6 satellite speakers\$1,410

Sensurround 6 Home Theater System

HT-10D subwoofer; HT-SMC center-channel speaker; four HT-S5 satellite speakers\$1,155

Model 510-SD Subwoofer/Satellite System

Subwoofer with 10-in dual-voice-coil driver; two satellite speakers\$660

DX Series

The following feature self-resetting tweeter protection, push-type terminals, and 12-dB-per-octave crossover slopes.

DX-9 3-Way Speaker

Bass-reflex design with 15-in woofer, 6½-in cone midrange, and 1-in dome tweeter. Power handling 400 W cont avg; crossover points 250 and 5,000 Hz; FR 30-20,000 Hz ±3 dB; sens 101 dB SPL/W/m; imp 4 ohms. Woodgrain veneer finish. 18 x 35½ x 17¼ in; 85 lb\$555

DX-7. As above, 12-in woofer. Power handling 175 W cont avg; FR 34-20,000 Hz ±3 dB; sens 98 dB SPL/W/m. 15 x 34 x 14¼ in; 69 lb\$410

DX-5. As DX-7, 4-in midrange. Power handling 175 W cont avg; crossover points 500 and 5,000 Hz; FR 36-18,000 Hz ±3 dB; sens 96 dB SPL/W/m; imp 8 ohms. 15 x 31 x 10¼ in; 44 lb\$345

DX-3 3-Way Speaker

Bass-reflex design with 10-in woofer, 4-in cone midrange, and 1-in dome tweeter. Power handling 125 W cont avg; crossover points 350 and 5,000 Hz; FR 37-18,000 Hz ±3 dB; sens 94 dB SPL/W/m; imp 8 ohms. Woodgrain veneer finish. 13 x 27½ x 10¼ in; 34 lb\$320

DX-1 2-Way Speaker

Bass-reflex design with 8-in woofer and 1-in dome tweeter. Power handling 100 W cont avg; crossover point 2,500 Hz; FR 40-18,000 Hz ±3 dB; sens 92 dB SPL/W/m; imp 8 ohms. Woodgrain veneer finish. 11 x 20 x 10¼ in; 25 lb\$205

Re Series

The following feature self-resetting tweeter protection, 5-way binding posts, and a scuff-resistant walnut vinyl finish.

Re-38 3-Way Speaker

Bass-reflex design with 15-in woofer, 6½-in midrange, and 1-in polypropylene-foam dome tweeter. Features fuse protection. Power handling 400 W rms; crossover points 400 and 4,500 Hz; FR 27-20,000 Hz ±3 dB; sens 102 dB SPL/W/m; imp 4 ohms. 18 x 35¼ x 17¼ in; 90 lb\$540

Re-30 3-Way Speaker

Bass-reflex design with 12-in woofer, 4-in cone midrange, and 1-in metallized-Mylar dome tweeter. Features fuse protection. Power handling 250 W rms; crossover points 500 and 4,500 Hz; FR 28-20,000 Hz ±3 dB; sens 97 dB SPL/W/m; imp 4 ohms. 16½ x 32 x 13¼ in; 57 lb\$345

Re-25 3-Way Speaker

Bass-reflex design with 10-in woofer, 4-in cone midrange, and 1-in polycarbonate-dome tweeter. Power handling 150 W rms; crossover points 700 and 6,000 Hz; FR 38-20,000 Hz ±3 dB; sens 95 dB SPL/W/m; imp 6 ohms. 13 x 27¾ x 10¼ in; 40 lb\$310

Re-20 2-Way Speaker

Bass-reflex design with 8-in woofer and 1-in polycarbonate-dome tweeter. Power handling 100 W rms; crossover point 4,000 Hz; FR 40-20,000 Hz ±3 dB; sens 93 dB SPL/W/m; imp 8 ohms. 11 x 20 x 10¼ in; 26 lb\$205

AT Series

The following feature self-resetting tweeter protection and are available with a black or woodgrain vinyl finish.

AT-15 3-Way Speaker

Bass-reflex design with one 15-in woofer, two 5-in cone midranges, and one 1-in polymer-dome tweeter. Features 12-dB/oct crossover slopes. Banana plugs. Midrange and tweeter level controls. Power handling 400 W; crossover points 400 and 3,000 Hz; FR 28-28,000 Hz ±3 dB; sens 102 dB SPL/W/m; imp 4 ohms. 19 x 36½ x 18½ in; 90 lb\$540

AT-12. As above, 12-in woofer, one 5-in midrange. Power handling 200 W; sens 97 dB SPL/W/m; imp 6 ohms. 16 x 30 x 14 in; 55 lb\$345

AT-10. As AT-12, 10-in woofer. Push terminals. Power handling 125 W; FR 30-22,000 Hz ±3 dB; sens 95 dB SPL/W/m. 14 x 28½ x 13½ in; 40 lb\$310

AT-8 2-Way Speaker

Bass-reflex design with 8-in woofer and 1-in dome tweeter. Push terminals. Power handling 100 W; crossover point 3,000 Hz; FR 38-22,000 Hz ±3 dB; sens 94 dB SPL/W/m; imp 6 ohms. 12 x 21 x 10 in; 26 lb\$205

VS Series

The following feature self-resetting tweeter protection, 12-dB-per-octave crossover slopes, 5-way binding posts, and a walnut vinyl finish.

VS-150 3-Way Speaker

Bass-reflex design with 15-in woofer, 6½-in cone midrange, and 1-in soft-dome tweeter. Features fuse protection. Power handling 400 W cont avg; crossover points 300 and 5,000 Hz; FR 28-22,000 Hz ±3 dB; sens 102 dB SPL/W/m; imp 4 ohms. 18 x 35½ x 18¼ in; 90 lb\$540

VS-120 3-Way Speaker

Bass-reflex design with 12-in woofer, 4-in cone midrange, and 1-in dual-magnet balanced-drive dome tweeter. Features fuse protection. Power handling 200 W cont avg; crossover points 500 and 4,000 Hz; FR 28-22,000 Hz ±3 dB; sens 97 dB SPL/W/m; imp 4 ohms. 16½ x 32 x 14¼ in; 57 lb\$345

VS-100 3-Way Speaker

Bass-reflex design with 10-in woofer, 4-in cone midrange, and 1-in balanced-drive dome tweeter. Power handling 125 W cont avg; crossover points 600 and 5,000 Hz; FR 37-20,000 Hz ±3 dB; sens 94 dB SPL/W/m; imp 6 ohms. 13 x 27½ x 11½ in; 40 lb\$310

VS-80 2-Way Bookshelf Speaker

Bass-reflex design with 8-in woofer and 1-in balanced-drive dome tweeter. Power handling 100 W cont avg; crossover point 4,000 Hz; FR 38-20,000 Hz ±3 dB; sens 94 dB SPL/W/m; imp 6 ohms. 11 x 20 x 11½ in; 26 lb\$205

L Series

L-9B 2-Way Speaker

10-in long-throw woofer, 1-in dome tweeter. Features foam woofer surround; self-resetting tweeter protection. Power handling 100 W rms; FR 40-20,000 Hz ±3 dB; sens 93 dB SPL/W/m; imp 8 ohms. Black woodgrain veneer finish. 13 x 22 x 11½ in; 32 lb\$220

L-7B 2-Way Bookshelf Speaker

7-in paper woofer, 1-in polymer-dome tweeter. Features rubber woofer surround; self-resetting tweeter protection. Push terminals. Power handling 75 W rms; FR 40-20,000 Hz ±3 dB; sens 92 dB SPL/W/m; imp 8 ohms. Black woodgrain veneer finish. 9 x 14 x 8¼ in; 14 lb\$170

CHAPMAN

T-8 4-Way Speaker

10-in woofer, 7-in carbon-fiber midbass, 2-in soft-dome midrange, and 1-in titanium-dome tweeter. Features woofer housed in compression-line enclosure; midbass housed in low-resonance chamber; oxygen-free cast-crystal wiring; oil-filled capacitors; 1% crossover components. Sens 89 dB SPL/W/m; imp 4 ohms. 13 x 46 x 10¼ in; 102 lb\$3,500/pr

T-7 3-Way Speaker

10-in poly laminate-fiber woofer, 7-in composite carbon-fiber midrange, 1-in titanium-dome tweeter. All drivers horizontally and vertically time aligned and calibrated to ±0.5-dB tolerance; 6-dB/oct crossover at 125 Hz; 18-dB/oct crossover at 3,000 Hz; dual-port compression-line woofer enclosure; ducted-port midrange enclosure; OFC wiring. OFC terminals for banana plugs, spade lugs, or bare wire. Power handling 250 W; sens 90 dB SPL/W/m; imp 4 ohms. Solid oak finish; other wood finishes optional. 5-yr warranty. 13 x 44 x 10 in; 85 lb\$2,250/pr

CHASE TECHNOLOGIES

Trio Powered Subwoofer/Satellite System

Subwoofer amp rated at 30 W x 1; satellite amp rated at 15 W x 2. 3 line-level inputs; speaker-level input. Magnetic satellite shielding; volume, bass, and treble controls. FR 30-20,000 Hz ±3 dB\$399

WS-5500 Wireless Speaker

Point-source vented design with 4-in full-range driver. Features 900-MHz transmission frequency. AC or battery power. FR 80-18,000 Hz ±3 dB\$299/pr

ELF-1 3-Way Outdoor Speaker

4-in woofer. Features polystyrene molded sealed cabinet. Includes mounting brackets. FR 80-18,000 Hz ±3 dB; sens 85 dB. Black or white\$100/pr

Dialog Powered Center-Channel Speaker

Point-source design with 3-in full-range driver; integral amp rated at 5 W x 1 rms. Magnetic shielding; loudness contour. FR 80-18,000 Hz ±3 dB\$90

CHIRO BY KINERGETICS

C-150 MESA Subwoofer

15-in driver. Features MDF cabinet; THX operation if used with CompuSound output of C-300 power amplifier. Matte-black cabinet finish; polished black-granite top. 20 x 20 x 21½ in\$798

C-120 MESA Subwoofer

12-in driver. Features MDF cabinet; THX operation if two C-200 power amplifiers used with CompuSound input of C-300 power amplifier. Matte-black cabinet finish; polished black-granite top. 17 x 17 x 21½ in\$648

CITATION

Model 7.2 2-Way THX Speaker

Two 6½-in woofers, two 1-in soft-dome tweeters. Features THX-certified front-speaker design; diffraction control system. FR 80-23,000 Hz ±2.5 dB; sens 91 dB SPL/W/m; imp 4 ohms. Black lacquer oak finish. 22 x 10 x 11 in; 44 lb\$1,350

Model 7.4 Powered Subwoofer

Front-firing 14-in driver. FR 21-100 Hz ±3 dB; sens 91 dB; imp 6 ohms. Black lacquer oak finish. 16 x 14 x 8 in; 85 lb\$1,150

Model 7.3 2-Way THX Surround Speaker

Dual-drive dipole design with two 5¼-in woofers and two 1-in soft-dome tweeters. Features THX certification; design allowing speaker to deliver point-source or diffuse sound field when used with Foogate Audionics or Citation surround controllers. FR 100-18,000 Hz; sens 90 dB SPL/W/m; imp 4 or 8 ohms. Black lacquer or eggshell finish. 18 x 14 x 8 in; 28 lb\$950



Most speakers that call themselves multi-media can't even deserve to be called speakers;

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CLASSIC AUDIO REPRODUCTIONS

Hartfield 3-Way Speaker

15-in straight-sided cone woofer, 2-in neodymium-magnet midrange driver coupled to acoustics lens, high-frequency slot radiator. Crossover points 800 Hz and 7,000 Hz. Choice of various exotic wood finishes. 45¼ x 45¼ x 25 in\$9,950/pr
Choice of domestic wood finish\$8,950/pr

CLEMENTS

Richter Subwoofer

Vented extended 4th-order design with 10-in coated-poly woofer. Features switchable 3-position active low-pass filter; high-pass filter. Line- and speaker-level inputs. Variable output control. Power handling 100 W; crossover points 60, 80, and 100 Hz; FR 30-100 Hz ±3 dB; sens 89 dB SPL/W/m. 10-yr warranty. 15 x 15 x 15¼ in\$599

Model 204c 2-Way Center-Channel Speaker

Vented extended 4th-order design with two 4½-in poly woofers and one ¾-in ferrofluid-cooled polydome tweeter. Features 6-dB/oct open-slope linear-phase filters; impedance-compensation networks; ½-to ¾-in MDF construction; cross bracing; asymmetrical window-pane bracing; grille integral with baffle. Power handling 80 W; crossover point 3,000 Hz; FR 60-20,000 Hz ±3 dB; sens 89 dB; imp 8 ohms. Medium-gloss black-oak vinyl finish. 10-yr warranty. 17 x 6 x 7½ in\$199

di Series

Model 308di 2-Way Speaker

Vented extended 4th-order design with two 8-in coated-fiber woofers and one 1-in ferrofluid-cooled polydome tweeter. Features 6-dB/oct open-slope linear-phase filters; impedance-compensation networks; ½-to ¾-in MDF construction; cross bracing; asymmetrical window-pane bracing; grille integral with baffle. Power handling 150 W; crossover point 2,000 Hz; FR 30-20,000 Hz ±3 dB; sens 92 dB; imp 6 ohms. Medium-gloss black-oak vinyl finish. 10-yr warranty. 11 x 40 x 11½ in\$799/pr

Model 208di. As above, single woofer. Power handling 125 W; sens 91 dB. 11 x 32 x 11½ in ...\$699/pr

Model 108di 2-Way Speaker

Vented extended 4th-order design with 8-in coated-fiber woofer and ¾-in ferrofluid-cooled polydome tweeter. Features 6-dB/oct open-slope linear-phase filters; impedance-compensation networks; ½-to ¾-in MDF construction; cross bracing; asymmetrical window-pane bracing; grille integral with speaker baffle. Power handling 100 W; FR 35-20,000 Hz ±3 dB; sens 90 dB; imp 6 ohms. Medium-gloss black-oak vinyl finish. 10-yr warranty. 11 x 24 x 11½ in\$499/pr

Model 107di. As above, 6½-in poly woofer. Power handling 80 W; FR 40-20,000 Hz ±3 dB; imp 8 ohms. 9½ x 16½ x 11 in\$399/pr

Model 105di. As Model 107di, 4½-in woofer. Power handling 50 W; FR 60-20,000 Hz ±3 dB; sens 88 dB. 6½ x 11½ x 8¼ in\$249/pr

COBY

CS-P101 2-Way Powered Mini Speaker System

2 speakers, each with 3½-in woofer and 1½-in dome tweeter; amp rated at 15 W x 2 max. Gold-plated mini-plug. Sound processor with Jazz, Rock, Pop, and Flat settings. Includes 12-V AC adaptor. FR 110-30,000 Hz. Each speaker 4¾ x 7½ x 4¼ in\$120

CS-P91 2-Way Powered Mini Speaker System

2 speakers; amp rated at 10 W x a max. Gold-plated mini-plug. Individual 3-band EQ for each speaker; volume control; LED power indicator. Includes 9-V AC adaptor. Each speaker 5¾ x 8¾ x 4¼ in\$60

COUNTERPOINT

Carlsbad Subwoofer

12-in polypropylene driver. Power handling 200 W max; FR 18-200 Hz; sens 87 dB SPL/W/m; imp 8 ohms\$1,395/pr

Orpheum 2-Way Bookshelf Speaker

Two 6½-in glass-fiber woofers, one 1-in aluminum-dome tweeter. Power handling 100 W max; FR 60-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. 9 x 14 x 10 in\$995/pr

Mystic 2-Way Bookshelf Speaker

Dipole design with two 5¼-in woofers and one 1-in aluminum-dome tweeter. Power handling 100 W max; FR 60-20,000 Hz; sens 85 dB SPL/W/m; imp 4 ohms. 7 x 10 x 8 in\$995/pr

Bijou 2-Way Center-Channel Speaker

Two 5½-in glass-fiber woofers and one 1-in aluminum-dome tweeter. Power handling 100 W max; FR 60-20,000 Hz; sens 87 dB SPL/W/m; Imp 4 ohms. 17½ x 7 x 8 in\$495

CREATIVE ACOUSTICS

The following are available in a variety of other color and trim combinations. Contact the manufacturer for information.

Deco 7 2-Way In-Ceiling Speaker

6½-in coaxial with polypropylene woofer and ¾-in polycarbonate tweeter. Power handling 35 W rms; FR 60-18,000 Hz; imp 5.5 ohms. Polished chrome with chrome trim, polished brass with brass trim, black with white trim, or white with white trim. Mounting diameter 7½ in. Mounting depth 6½ in\$550/pr

Deco 5. As above, 5¼-in coaxial. Power handling 30 W rms; FR 75-19,000 Hz; imp 8 ohms. Mounting depth 5½ in\$375/pr

CROSBY AUDIO WORKS

CAW-I. Electrostatic speaker. 65 lb\$9,995/pr

CSI

SP-200 2-Way Bookshelf Speaker

Bass-reflex design with one 5¼-in polypropylene woofer and one 1-in Mylar tweeter. Magnetic shielding. Includes mounting bracket. Power handling 80 W max; sens 90 dB; imp 8 ohms. Black molded-composite housing. 6¼ x 10 x 5¼ in\$185/pr

SP-150T 2-Way Outdoor Speaker

One 5-in woofer, one 2-in tweeter. Weatherproof. Includes mounting brackets. Power handling 80 W max; sens 90 dB; imp 8 ohms. Black die-cast aluminum. 6¼ x 9 x 6½ in\$180
SP-150TW. As above, white\$180

SP-802A 2-Way In-Wall Speaker

One 8-in polypropylene woofer, one 1-in soft-dome tweeter. Features auto-reset overload protection; weatherproofing. Tweeter control. Paintable white plastic. Power handling 80 W max; sens 90 dB. 10 x 14 x 3¼ in\$159

SP-602A. As above, 6-in woofer. Power handling 50 W max; FR 40-20,000 Hz. 8¾ x 12 x 3¼ in\$135

SP-800SW In-Wall Subwoofer

8-in dual-voice-coil polypropylene driver. Power handling 75 W max; sens 90 dB. Paintable white plastic. 10 x 14 x 3¼ in\$158

SW-850 Subwoofer

Twin-ported design with 8-in driver. Features crossover for satellites. Power handling 100 W max; sens 87 dB. Black wood cabinet. 12¼ x 5 x 20 in\$150

SP-100 2-Way Bookshelf Speaker

Bass-reflex design with one 3½-in polypropylene woofer and one 1-in Mylar-dome tweeter. Magnetic shielding. Includes mounting brackets. Power handling 65 W max; sens 90 dB; imp 8 ohms. Black plastic enclosure. 4¾ x 7¾ x 3¼ in\$140/pr
SP-100W. As above, white\$140/pr

SP-50W 2-Way Outdoor Speaker

One 3½-in polypropylene woofer, one 2-in soft-dome

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Speaker Systems

SPEAKERS

tweeter. Features weatherproofing. Includes mounting brackets. Power handling 65 W max; sens 90 dB. White plastic. 4¼ x 7¼ x 3¼ in \$113/pr

CCS-200 2-Way Center-Channel Speaker

3½-in midrange, 1-in tweeter. Magnetic shielding. Power handling 50 W max; sens 90 dB. Black. 5½ x 13¼ x 5½ in \$105

SPW-35 Outdoor Speaker

6-in driver. Features weatherproofing. Includes adjustable mounting bracket. Power handling 50 W rms; FR 50-22,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Almond plastic. Mounting diameter 7½ in. Mounting depth 1¼ in \$83

SP-502A 2-Way In-Wall Speaker

5¼-in polypropylene woofer, 1-in Mylar tweeter. Features weatherproofing. Power handling 30 W max; sens 90 dB. Paintable white plastic. 7½ x 11 x 2¼ in \$68

SP-402A. As above, but with a 4-in woofer. Power handling 25 W max; FR 50-20,000 Hz. 5½ x 8¼ x 2½ in \$40

CUSTOM DESIGNED SPEAKERS

Call the manufacturer for information on custom-built speakers.

WP1 3-Way Speaker

Ducted-port design with 15-in woofer, 8-in midrange, and horn tweeter. Features all-Mylar capacitors; 17-gauge air-core inductors; 12- and 18-dB/oct slopes for phase-aligned filters; joints braced with 1½ x 1½-in stock; 1½-in-thick baffle. Power handling 300 W cont; crossover points 400 and 4,000 Hz; FR 25-21,500 Hz; imp 8 ohms. White-oak cabinet with doweled solid-hardwood top and bottom and veneer ply-

wood for 2 sides and baffle; other types of wood available. 22 x 32 x 22 in; 100 lb \$3,000/pr

PM1 2-Way Speaker

Dual-ducted port design with two 12-in woofers and one titanium-dome tweeter. Features all-Mylar capacitors; 17-gauge air-core inductors; 12- and 18-dB/oct slopes for phase-aligned filters; joints braced with 1½ x 1½-in stock; 1½-in-thick baffle. Power handling 300 W cont; crossover point 3,500 Hz; FR 43-28,000 Hz; imp 8 ohms. Red-oak cabinet with hardwood veneer plywood construction. Other types of wood available. 20½ x 37 x 15¼ in \$2,500/pr

DAHLQUIST

The following feature a proprietary 2nd-order vented bass-alignment system, separate subenclosures, Ideal Ratio Spacing reinforcement in woofer cabinets, floor spikes, and biwire/biamp terminals. Woofers and midbass drivers have hardened polypropylene cones.

DQ42 3-Way Speaker

Two 10-in mass-loaded woofers, one 6½-in midbass, one 4-in midrange, and one 7½-in ferrofluid-cooled silk-dome tweeter. Power handling 800 W max; crossover points 120, 550, and 3,200 Hz; FR 20-22,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 4 ohms. Mahogany side rails. 12¼ x 52 x 19¼ in; 123 lb \$3,590/pr

DQ32 3-Way Speaker

10-in mass-loaded woofer, 5-in cast-frame midrange, 7½-in ferrofluid-cooled silk-dome tweeter. Power handling 600 W max; crossover points 290 and 2,600 Hz; FR 23-22,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 4 ohms. Mahogany side rails. 12¼ x 45 x 15¼ in; 100 lb \$2,590/pr

DAVID LUCAS

Ballistic Bass Electrostatic Subwoofer

Hybrid design with eight 10-in cone drivers and two 26 x 40-in electrostatic panels. Includes crossover and stand. FR 15-125 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms. Aluminum finish. 26 x 80 x 18 in \$5,350/pr

Double Audiocell-P Electrostatic Speaker

Includes stand. FR 30-35,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Aluminum finish. 26 x 80 x 2 in \$4,385/pr

Double Audiocell-A. Above with active line-level controller \$5,180/pr

AE-1 2-Way Speaker

Dipole design with four 12-in woofers and one 1-in dome tweeter. Tweeter-level control. Crossover point 4,000 Hz; FR 26-40,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Oak finish. 15 x 60 x 4 in; 70 lb \$1,995

Audiocell-P Electrostatic Speaker

Dipole design with single polyester-diaphragm element. Features polyethylene damping; polypropylene capacitors; metal-film resistors. Operates on 2 D batteries. FR 30-35,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Aluminum finish. 26 x 40 x 2 in \$1,995/pr

Audiocell-A. As above but with active line-level controller \$2,790/pr

DCM

TimeWindow 7 3-Way Speaker

Rear-ported hybrid chambered transmission-line design with two 9-in polymer-impregnated woofers, two 6½-in polypropylene-cone midranges, two ¾-in coax-

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ially mounted hard-dome tweeters, and one 3/4-in rear-firing hard-dome tweeter. Spectral balance controls. Power handling 700 W; FR 26-25,000 Hz; sens 92 dB SPL/W/m; imp 4 ohms. High-gloss black. 18 1/2 x 48 x 14 in; 70 lb\$1,500

CineMagic Six Home Theater System

Powered subwoofer with two 6 1/2-in polypropylene drivers, 4 satellite speakers, center-channel speaker. Power handling 80 W; FR 32-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms\$749

Sub-712 Powered Subwoofer

Reflex design with 8-in driver and 12-in passive radiator; 80-W amp. Line- and speaker-level inputs. Magnetic shielding; adjustable sens. FR 28-80 Hz. Black woodgrain finish. 14 1/2 x 16 x 15 1/2 in; 28 lb\$599

TimeWindow SurroundScape Speaker

Hexagonal cabinet with 6 1/2-inch woofer, two 3/4-inch tweeters, and side-oriented 6 1/2-inch "ambient-field" driver designed to eliminate need for rear-channel surround speakers. Features active crossover; magnetic shielding. Power handling 250 W; FR 35-20,000 Hz; sens 91 dB SPL/W/m. Black wraparound grille and black oak top and base. 12 x 15 3/4 x 40 3/4 in; 43 lb\$549

Power Trio Subwoofer/Satellite System

Powered subwoofer with two 6 1/2-in polypropylene drivers; 2 satellites, each with 4-in woofer and 3/4-in soft-dome tweeter. Power handling 80 W; FR 32-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black\$499

Sub-710 Powered Subwoofer

Hybrid transmission-line design with two 6 1/2-in drivers; 50-W amp. Line- and speaker-level inputs and outputs. Magnetic shielding. FR 32-90 Hz. Black woodgrain finish. 9 x 14 x 19 in; 25 lb\$399

TimeFrame TF600 3-Way Speaker

Hybrid staggered transmission-line design with one 6 1/2-in woofer, one 6 1/2-in cone midrange, two 3/4-in rear-firing soft-dome tweeters, and one 3/4-in coaxially mounted soft-dome tweeter. Features rear port. Magnetic shielding. Power handling 250 W; FR 30-20,000 Hz; sens 92 dB SPL/W/m; imp 6 ohms. Black or walnut finish. 17 x 41 x 8 in; 44 lb\$375

TimeFrame TF400 Series II 3-Way Speaker

Hybrid staggered transmission-line design with 6 1/2-in woofer, 6 1/2-in midrange, 3/4-in rear-firing tweeter, and 3/4-in coaxially mounted tweeter. Features rear port; magnetic shielding. Power handling 150 W; FR 40-20,000 Hz; sens 92 dB SPL/W/m; imp 6 ohms. Black or walnut finish. 14 1/4 x 38 x 7 3/4 in; 38 lb\$299

Monitor CX-27 Series II 3-Way Speaker

Hybrid transmission-line design with 6 1/2-in woofer, 6 1/2-in midrange, and 3/4-in coaxially mounted soft-dome tweeter. Dual rear ports. Magnetic shielding. Power handling 150 W; FR 35-20,000 Hz; sens 93 dB SPL/W/m; imp 6 ohms. 10 x 27 x 11 in; 28 lb\$260

Monitor CX-17 2-Way Bookshelf Speaker

Hybrid transmission-line design with 6 1/2-in woofer and 3/4-in coaxially mounted soft-dome tweeter. Rear port. Magnetic shielding. Power handling 100 W; FR 45-20,000 Hz; sens 92 dB SPL/W/m; imp 8 ohms. Black woodgrain finish. 9 x 17 x 10 in; 15 lb\$185

Monitor CX-07 2-Way Bookshelf Speaker

Bass-reflex design with 6 1/2-in woofer and 3/4-in soft-dome tweeter. Magnetic shielding. Power handling 80 W; FR 50-20,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Black woodgrain finish. 8 x 15 x 8 3/4 in; 11 lb\$130
Monitor CX-007. Above, 4-in woofer. FR 90-20,000 Hz; sens 88 dB SPL/W/m. 5 1/2 x 8 x 5 in; 3 lb\$70

CX 2-Way Center-Channel Speaker

Acoustic-suspension design with two 4-in woofers and one 3/4-in soft-dome tweeter. Magnetic shielding. Power handling 75 W; FR 90-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black woodgrain finish. 17 x 4 1/2 x 10 in; 9 lb\$125

DEFINITIVE TECHNOLOGY

PowerField 1800 Powered Subwoofer

18-in polymer-laminate driver; amp rated at 500 W rms. Features 36-dB/oct low-pass filter variable from 40-100 Hz; 12-dB/oct high-pass filter variable from 50-100 Hz; braced monocoque cabinet. Line- and speaker-level inputs and outputs; gold-plated 5-way binding posts. Variable phase control; volume control. FR 13-125 Hz. Piano-black-lacquer or natural-golden-oak endcaps. 20 x 20 x 22 in\$1,599

PowerField 15. As above, 15-in driver, amp rated at 185 W rms. 24-dB/oct low-pass filter. No phase control. FR 18-125 Hz. Black-ash finish. 17 x 17 x 17 1/2 in\$699

BP2000 3-Way Speaker/Powered Subwoofer

Combines powered subwoofer with 15-in side-firing driver and 300-W amp with bipolar 2-way speaker with four 6 1/2-in polymer-cone woofers and two 1-in dual-chamber transmission-line aluminum-dome tweeters in subenclosure. Features Linkwitz-Riley differential crossover; triple-chambered monocoque cabinet construction utilizing 1-, 1 1/2-, and 2-in-thick high-density Medite bonded to foam shear damping pads; mirror-image pair design. Speaker-level inputs; line/speaker-level subwoofer input; bi-wire/triwire terminals. Power handling 500 W rms; FR 15-30,000 Hz. Piano-black lacquer or cherry endcaps. 9 x 50 x 17 in\$1,499

Powerfield 1500 Powered Subwoofer

15-in polymer-laminate driver; amp rated at 250 W rms. Features active crossover with independent 36-dB/oct low-pass and 12-dB/oct high-pass filters, each variable from 50-100 Hz. Line- and speaker-level inputs and outputs; gold-plated 5-way binding posts. Variable phase control; level control. FR 15-125 Hz. Piano-black lacquer or natural golden-oak finish. 18 x 20 x 18 in\$995

BP20 2-Way Speaker

Bipolar design with four 6 1/2-in mineral-filled-polymer woofers and two 1-in aperiodic-dome tweeters. Features phase-coherent Linkwitz-Riley crossover; symmetrically concentric driver arrays on front and rear baffles; computer-synthesized transmission-line tuning. Bi-wire/biamp terminals. Power handling 500 W; FR 18-28,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black-lacquer or oak endcaps. 9 x 46 x 15 in\$799

C/L/R 2000 2-Way Center-Channel Speaker

Two 6 1/2-in polymer-cone woofers, one 1-in aluminum-dome tweeter. Features Linkwitz-Riley crossover; unitized monocoque cabinet construction. Bi-wire/biamp terminals. Magnetic shielding. Power handling 350 W. Gloss black end panels. 21 1/2 x 8 1/4 x 15 in\$650

BP10 2-Way Speaker

Bipolar design with two 6 1/2-in mineral-filled woofers and two 1-in ferrofluid-cooled dome tweeters. Features Linkwitz-Riley crossover. FR 20-28,000 Hz; imp 8 ohms. Wood or black-lacquer finish. 5-yr warranty. 9 x 42 x 11 1/2 in\$549

C/L/R 1000 2-Way Center-Channel Speaker

Two 6 1/2-in polypropylene woofers, one 1-in fluid-cooled soft-dome tweeter. Features Linkwitz-Riley crossover. Magnetic shielding. Power handling 300 W max; FR 25-28,000 Hz; imp 8 ohms. 5-yr limited parts-and-labor warranty. 21 1/2 x 8 x 12 in\$450

BPX 2-Way Surround Speaker

Bipolar design with two 5 1/2-in woofers and 1-in aluminum-dome tweeter. In D'Appolito configuration on front and rear baffles. Includes wall brackets. Power handling 350 W; FR 35-30,000 Hz. Gloss black endcaps. 17 1/2 x 10 x 6 1/2 in\$450
 Above with matte-white endcaps\$399

BP8 2-Way Speaker

Two 5 1/2-in polypropylene woofers, two 3/8-in soft-dome tweeters. Features proprietary computer-synthesized transmission-line tuning. Power handling 200 W max; FR 22-28,000 Hz. 7 x 38 x 11 in\$399

BP6 2-Way Speaker

Bipolar design with two 5 1/4-in polymer-cone woofers and two 3/4-in dome tweeters. Features proprietary Computer Synthesized Transmission Line Tuning; Linkwitz-Riley crossover; minimum-diffraction driver/baffle/grille interface; unitized monocoque construction; 1-in-thick Medite front and rear baffles. Power handling 200 W rms; FR 25-25,000 Hz. Matte black-ash endcaps. 35 x 7 x 11 in\$299

C1 2-Way Center-Channel Speaker

Two 5 1/4-in woofers, one 1-in soft-dome tweeter. Features Linkwitz-Riley crossover. Power handling 200 W; FR 25-28,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 6 1/2 x 19 x 8 1/2 in\$299

BP2 2-Way Surround Speaker

Bipolar design with two 5 1/4-in polypropylene-cone woofers and two 3/4-in soft-dome tweeters. Features Linkwitz-Riley crossover; low-diffraction grille/baffle interface. Includes wall-mount plate. Power handling 200 W; FR 50-28,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black or white. 7 x 11 x 7 in\$250

DR7 Studio Tower 2-Way Bookshelf Speaker

6 1/2-in mineral-filled polymer woofer, 1-in ferrofluid-cooled dome tweeter. Features phase-coherent Linkwitz-Riley crossover; narrow-profile minimum-diffraction cabinet; computer-synthesized transmission-line tuning. Power handling 200 W; FR 26-28,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black-ash vinyl finish. 8 1/2 x 22 x 11 1/2 in\$249

C1 jr. 2-Way Center-Channel Speaker

5 1/4-in polypropylene woofer, 3/4-in soft-dome tweeter. Features Linkwitz-Riley crossover; 1-in-thick Medite baffle. Power handling 125 W; FR 55-28,000 Hz; imp 8 ohms. 5-yr limited parts-and-labor warranty. 17 x 6 1/2 x 8 1/2 in\$199

Celsius DR 2-Way Bookshelf Speaker

5 1/4-in mineral-filled polypropylene-cone woofer, 1-in aluminum-dome tweeter. Features self-damping silk tweeter surround; phase-coherent Linkwitz-Riley crossover. Power handling 125 W rms; FR 45-28,000 Hz. Black-ash polymer-laminate finish. 7 x 12 x 11 in\$185

BP1 2-Way Surround Speaker

Bipolar design with two 4 3/8-in polymer woofers and two 3/4-in dome tweeters. Features Linkwitz-Riley crossover. Power handling 125 W; FR 60-25,000 Hz; imp 8 ohms. 5-yr limited parts-and-labor warranty. Black or white. 6 x 10 x 6 in\$175

System Packages

BP2000 Home Theater System
 Two BP2000's, one C/L/R 2000, and two BPX's. Various finishes for BP2000 and BPX available\$4,650

Celsius Home Theater System

Celsius Sub/Sat System, one C1 jr. center-channel speaker, and two BP1 surround speakers\$1,618

BP6001 Home Theater System

One PowerField 15 subwoofer, four BP1 surround speakers, and one C1 jr. center-channel speaker\$1,598

BP6 Home Theater System

Two BP6's, two BP1's, and one C1 jr.\$1,150

Celsius Sub/Sat System. Two Celsius DR's, one PowerField 15\$1,069
BP2001. One PowerField 15 subwoofer and two BP1 surround speakers\$1,049

DENNESEN

Serenus 3-Way Electrostatic Speaker

8-in down-firing slot-loaded woofer, 6 1/2-in midrange, and four electrostatic elements. Designed for minimal edge refractions and reflections. Features non-resonant anodized phase plug; phase alignment. FR 30-35,000 Hz. 12 x 54 x 14 in\$2,400/pr

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- Corey Greenberg, Home Theater Technology, Volume 2, No. 7



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System comprised of: MiniMk3, CC-300, ADP-150, PS-1000

* Manufacturer's suggested retail.

ESL Mini. As above, 5-in woofer. FR 70-35,000 Hz. 7 x 22 x 10 in.\$1,250/pr

DGX

DDL-1 3-Way Speaker

Bass-reflex design. Designed for use with DDA-1 integrated amplifier. Power handling 150 W; imp 6 ohms. 15½ x 39½ x 11 in; 68 lb\$1,500/pr
With DDA-1 integrated amplifier\$2,195

DIGITAL PHASE

The following feature the patented Acousta-Reed enclosure design, which extends low-frequency performance.

AP-4 2-Way Speaker

Four 6½-in graphite-impregnated polypropylene woofers, four 1-in titanium-dome tweeters. 24-dB/oct Linkwitz-Riley crossover with oxygen-free air-inductor coils and metal-film polypropylene capacitors. Power handling 250 W; FR 35-20,000 Hz ±1.5 dB; sens 91 dB; imp 8 ohms. Honey-oak or black-lacquer finish. 16 x 50 x 17¼ in; 120 lb\$3,200/pr

AP-2. As above, single tweeter, two woofers. Power handling 150 W; imp 4 ohms. 12 x 42 x 14½ in; 79 lb\$1,700/pr

AP-1. As AP-4, but single tweeter, single woofer. Power handling 100 W; sens 86 dB. 10½ x 38 x 11¼ in; 50 lb\$1,250/pr

AP-7 2-Way Bookshelf Speaker

Two 3-in graphite-impregnated polypropylene woofers, one 1-in titanium-dome tweeter. 24-dB/oct Linkwitz-Riley crossover with oxygen-free air-inductor coils and metal-film polypropylene capacitors. Power handling 100 W; FR 35-20,000 Hz ±1.5 dB; sens 87 dB; imp 4 ohms. Honey-oak or black-lacquer finish. 10½ x 16¼ x 11½ in; 25 lb\$1,000/pr

AP-5 2-Way Bookshelf Speaker

3-in graphite-impregnated polypropylene woofer, 1-in titanium-dome tweeter. 24-dB/oct Linkwitz-Riley crossover with oxygen-free air-inductor coils and metal-film polypropylene capacitors. Power handling 60 W; FR 35-20,000 Hz ±1.5 dB; sens 81 dB; imp 8 ohms. Honey-oak or black-lacquer finish. 8½ x 13 x 9 in; 17 lb\$650/pr

AP-7CC 2-Way Center-Channel Speaker

Two 3-in graphite-impregnated polypropylene woofers, one 1-in titanium-dome tweeter. 24-dB/oct Linkwitz-Riley crossover with oxygen-free air-inductor coils and metal-film polypropylene capacitors. Magnetic shielding. Power handling 100 W; FR 40-20,000 Hz ±1.5 dB; sens 87 dB; imp 4 ohms. Honey-oak or black-lacquer finish. 21 x 7 x 13½ in; 25 lb\$600

DISCWASHER

Model 1822 2-Way Powered Computer Speaker

Woofer and tweeter. Includes AC adaptor. Power handling 0.5 W max\$40

Model 1820 Powered Computer Speaker

3-in driver. Auto turn-on/off; volume control. Operates on 3 AAA batteries. Power handling 4 W max\$30

DUNTECH

PLC10 2-Way Bookshelf Speaker

Pulse-coherent point-source design with one 4½-in long-throw carbon-fiber woofer and one ½-in titanium-dome. Features driver time alignment for pulse coherency at 11 feet; ¾-in MDF construction. Gold bi-wire/biamp terminals. Power handling 200 W; FR 80-20,000 Hz ±2 dB; sens 85 dB; imp 6 ohms. 5-yr warranty. 6 x 11 x 9 in\$1,395

Sovereign C7000 4-Way Speaker

Two 12-in woofers, two 7-in midranges, two 2-in midranges, and one ¾-in Dynaudio tweeter. Features Krell KBX active crossover; patented damping; 6-dB/oct crossover with polypropylene capacitors; air-

core inductors. Power handling 1,000 W; FR 27-20,000 Hz ±2 dB; sens 90 dB; imp 4 ohms. Brazilian rosewood finish. 5-yr warranty. 14 x 74 x 35 in; 275 lb\$30,000/pr

Sovereign C6000. As above, without active crossover. Biwire/biamp terminals. Crossover points 400, 2,000, and 5,000 Hz. Honey oak finish; custom finish available\$21,000/pr

Princess C5000 3-Way Speaker

Two 9-in woofers, two 5-in midranges, and 1-in Dynaudio tweeter. Features 6-dB/oct crossover with polypropylene capacitors; patented damping; air-core inductors. Biwire/biamp terminals. Power handling 1,000 W; FR 38-20,000 Hz ±2 dB; sens 90 dB; imp 4 ohms. Honey oak finish; other finishes available. 5-yr warranty. 12 x 73 x 19 in; 146 lb\$10,995/pr

Marquis C4000. As above, 8-in woofers, 4-in midranges. Power handling 500 W; FR 45-20,000 Hz ±2 dB; sens 92 dB. 11 x 59 x 18 in; 117 lb\$7,995/pr

Viceroy C2000 2-Way Speaker

Two 8-in Aerogel woofers, one 1-in fabric-dome tweeter. Features tweeter termination by an anechoic transmission-line enclosure; 6-dB/oct crossover with polypropylene capacitors; air-core inductors. Gold biwire/biamp terminals. Power handling 500 W; FR 42-20,000 Hz ±2.5 dB; sens 92 dB; imp 4 ohms. Australian Jarrah or black-ash finish. 5-yr warranty. 13 x 49 x 14 in; 114 lb\$4,995

Statesman C1000 2-Way Speaker

Two 6½-in composite woofers and one 1-in metal-dome tweeter. Features 6-dB/oct crossover with polypropylene capacitors; air-core inductors. Gold bi-wire/biamp terminals. Power handling 500 W; FR 45-18,000 Hz ±2.5 dB; sens 88 dB; imp 4 ohms. Touchwood black-ash and mahogany finish. 5-yr warranty. 11 x 48 x 14 in; 77 lb\$3,995

Ambassador C500 2-Way Speaker

Two 6½-in polypropylene woofers and one 1-in dome tweeter. Features no crossover. Biwire/biamp terminals. Power handling 500 W; FR 48-18,000 Hz ±2.5 dB; sens 91 dB; imp 4 ohms. Touchwood black-ash and mahogany finish. 5-yr warranty. 9 x 47 x 14 in; 56 lb\$2,995

PCL-25 2-Way Speaker

Two 6½-in acrylic polymer woofers, one 1-in tweeter. Features 6-dB/oct crossover with polypropylene capacitors; air-core inductors. Biwire/biamp terminals. Power handling 200 W; FR 55-20,000 Hz ±3 dB; sens 89 dB; imp 4 ohms. Australian Jarrah finish. 5-yr warranty. 11 x 24 x 14 in; 44 lb\$1,995

DYNACO

A-25 2-Way Speaker

10-in woofer, 1-in ferrofluid-cooled aluminum-dome tweeter. Features 6-dB/oct crossover. Power handling 125 W; crossover point 2,500 Hz; FR 45-21,000 Hz; sens 89 dB; imp 8 ohms. Walnut finish. 3-yr warranty. 11½ x 20½ x 9½ in; 23 lb\$758/pr

FL-650 2-Way In-Wall Speaker

6½-in polypropylene woofer, 1-in soft-dome tweeter. Features waterproof diaphragms; foam-edge surround. Includes mounting hardware. New-construction bracket optional. Power handling 100 W; crossover point 2,500 Hz; FR 58-20,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms\$300/pr

HLX-18 2-Way Bookshelf Speaker

4-in fiber-cone woofer, ¾-in gold-tipped Mylar-dome tweeter. Features 6-dB/oct crossover. Gold-plated banana plugs. Power handling 100 W; crossover point 3,000 Hz; FR 50-21,000 Hz; sens 90 dB; imp 4 ohms. Black-lacquer finish. 1-yr warranty\$260/pr

HLX-18V. Above with magnetic shielding\$140

HLX-9 Subwoofer

8-in dual-voice-coil polypropylene driver. Features 12-dB/oct crossover. Gold banana plugs. Power handling 100 W; crossover point 200 Hz; FR 42-200 Hz; imp 4 ohms. Black-lacquer finish. 1-yr warranty\$180

Amazing Bass Subwoofer

Bass-reflex design with 8-in dual-voice-coil driver. Power handling 100 W; crossover point 100 Hz; FR 30-120 Hz ±3 dB\$120

A-10 Type II 2-Way Speaker

4-in polypropylene woofer, ¾-in ferrofluid-cooled titanium-dome tweeter. Power handling 75 W; FR 100-18,000 Hz ±3 dB\$120/pr

AW-1 2-Way Outdoor Speaker

Waterproof polypropylene woofer, hard-dome tweeter. Features sealed aluminum enclosure; anodized weather-painted grille. Black or white\$100/pr

DYNAUDIO

Other finishes are available for each of the following.

Consequence 5-Way Speaker

Compound-Variovent design with two 11¼-in woofers, one 6¼-in midbass, one 2½-in fluid-cooled soft-dome midrange, one 1½-in fluid-cooled soft-dome tweeter, and one ½-in fluid-cooled soft-dome super-tweeter. Features 6- and 12-dB/oct crossover slopes. WBT gold binding posts. Power handling 250 W rms; crossover points 800, 1,400, 2,700, and 15,000 Hz; FR 20-30,000 Hz ±2 dB; sens 84 dB; imp 4 ohms. Rosewood or cherry finish\$24,999/pr

Confidence 5 3-Way Speaker

Compound design with 7½-in woofer, 2½-in Esotar soft-dome midrange, 1¼-Esotar soft-dome tweeter, and internal 6¼-in driver. Features 6-dB/oct crossover slopes. WBT gold binding posts. Power handling 250 W rms; crossover points 1,080 and 4,000 Hz; FR 43-21,000 Hz ±3 dB; sens 85 dB; imp 4 ohms. Rosewood/cherry or black ash/walnut finish\$9,999/pr

Confidence 3 2-Way Speaker

Bass-reflex design with 8-in woofer and 1½-in Esotar soft-dome tweeter. Features 2-way crossover with 6-dB/oct slopes. WBT gold binding posts. Power handling 200 W rms; crossover point 2,600 Hz; FR 32-28,000 Hz ±3 dB; sens 86 dB; imp 4 ohms. Rosewood/cherry or black-ash/walnut finish\$7,999/pr

Craft 2-Way Speaker

Bass-reflex design with 9-in woofer and 1½-in soft-dome tweeter. Features 2-way crossover with 6-dB/oct slopes. WBT gold binding posts. Power handling 130 W rms; crossover point 3,200 Hz; FR 38-22,000 Hz ±3 dB; sens 86 dB; imp 4 ohms. Nextel-gray or black/cherry finish\$4,299/pr

Facette 2-Way Speaker

Dynaudio back-loaded radiator design with 7-in passive radiator, 7-in midrange and 1½-in fluid-cooled soft-dome aluminum tweeter. Features rear tweeter chamber; 2-way crossover with 6-dB/oct slopes. WBT gold binding posts. Power handling 150 W rms; crossover point 3,200 Hz; FR 40-22,000 Hz ±3 dB; sens 84 dB; imp 4 ohms. Rosewood/cherry or black-ash/walnut finish\$3,999/pr

Micron 2-Way On-Wall Speaker

Acoustic-suspension design with 5½-in woofer and 1½-in fluid-cooled soft-dome aluminum tweeter. Features rear tweeter chamber; 2-way crossover with 6-dB/oct slopes. Gold binding posts. Wall mountable. Power handling 150 W rms; crossover point 1,500 Hz; FR 50-21,000 Hz ±3 dB; sens 83 dB; imp 4 ohms. Rosewood/cherry or black-ash/walnut finish\$2,499/pr

Audience 15 2-Way Speaker

Bass-reflex design with 7½-in polypropylene woofer and 1½-in fluid-cooled soft-dome aluminum tweeter. Features rear tweeter chamber; 2-way crossover with 6-dB/oct slope for woofer and 12-dB/oct slope for tweeter. Gold binding posts. Power handling 150 W rms; crossover point 2,600 Hz; FR 40-23,000 Hz ±3 dB; sens 87 dB; imp 4 ohms. Black-ash/cherry finish\$1,799/pr

The Experts On M&K Satellites And Subwoofers



**Stereo Review, Audio,
Sound & Image,
Home Theater Technology,
Video Review...**



S-100B

S-90

...response, from 500 Hz to 20 KHz., was among the flattest we have ever measured...."—*Stereo Review*

S-5000 and MX-5000

"I had much fun with the M&K's loud and clean capabilities, their effortlessness, and the vast quantities of clean bass they can generate."
"If you also have a home theater and need very high-performance speakers, the M&K system is one of the best. I recommend it."—*Audio*

S-80

"Extremely clear, with lots of detail and ambience"
"A' for Sound Quality"—*Sound and Image*

S-90/MX-90

★★★★★ (five stars)

"Home theater sound and dedicated audio sound, so often in conflict with each other, coexist beautifully in the M&K S-90 and MX-90 system."
"These are without a doubt among the finest speakers available at 'real world' prices, reproducing stereo musicality and home theater multichannel sound with exquisite delicacy and fidelity."—*Video Review*

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"This system *kicks*. It got my blood flowing and got me excited about what I could listen to next...I couldn't get enough...."

"Superb sound coupled with extremely flexible placement make this a home-theater system to be reckoned with. Highly recommended for both movies and music."

—Home Theater Technology

V-125 Subwoofer

"The V-125 reminds me of a young Muhammad Ali: It's smooth and deft when that's required, but when the time is right it slides in and pounds you silly."

"With the V-125, low bass is just the way you want it—strong, tight, and muscular."

Speaker Test Rank:
#1 (of 17 tested subwoofers).
—Sound & Image

V-125



Audience 10. Bookshelf version of the above with gold binding posts only. Crossover point 2,500 Hz; FR 40-22,000 Hz ± 2.5 dB; sens 86 dB \$1,099/pr
Black vinyl finish \$899/pr

Audience 5 2-Way Bookshelf Speaker
Bass-reflex design with 7-in woofer and 1½-in soft-dome tweeter. Features 2-way crossover with 6-dB/oct slope for woofer and 12-dB/oct slope for tweeter. Gold binding posts. Magnetic shielding. Power handling 130 W rms; crossover point 5,000 Hz; FR 50-20,000 Hz ± 3 dB; sens 87 dB; imp 4 ohms. Rosewood vinyl finish \$729/pr
Black vinyl finish \$699/pr

Contour Series

Contour 2.8 2-Way Speaker
Dynaudio back-loaded radiator design with 8-in woofer and 1½-in Esotar soft-dome tweeter. Features 2-way crossover with 6-dB/oct slopes. WBT gold binding posts. Power handling 150 W rms; crossover point 1,650 Hz; FR 32-21,000 Hz ± 3 dB; sens 86 dB; imp 4 ohms. Rosewood/cherry or black-ash/walnut finish \$5,599/pr

Contour 2.0 mk.II 3-Way Speaker
Dual-Variovent design with two 6½-in woofers, one 2½-in soft-dome midrange, and one 1½-in fluid-cooled aluminum tweeter. Features rear tweeter chamber; 3½-way crossover with 6-dB/oct slopes. WBT gold binding posts. Power handling 150 W rms; crossover points 800 and 4,000 Hz; FR 38-23,000 Hz ± 3.5 dB; sens 84 dB; imp 4 ohms. Rosewood/cherry or black-ash/walnut finish \$3,899/pr

Contour 1.8 mk.II 2-Way Speaker
Dual bass-reflex design with 6½-in woofer and 1½-in fluid-cooled aluminum tweeter. Features rear tweeter chamber; 2-way crossover with 6-dB/oct slopes. Gold binding posts. Power handling 250 W rms; crossover point 2,600 Hz; FR 40-22,000 Hz ± 2 dB; sens 89 dB; imp 4 ohms. Rosewood/cherry or black-ash/walnut finish \$2,999/pr

Contour 1.3 2-Way Speaker
Bass-reflex design with 6½-in woofer and 1½-in fluid-cooled aluminum tweeter. Features rear tweeter chamber; 2-way crossover with 6-dB/oct slope for woofer and 12-dB/oct slope for tweeter. Gold binding posts. Power handling 150 W rms; crossover point 2,000 Hz; FR 45-22,000 Hz ± 3 dB; sens 85 dB; imp 4 ohms. Rosewood/cherry or black-ash/walnut finish \$1,999/pr

Contour 1.1 2-Way Speaker
Bass-reflex design with 6-in woofer and 1½-in fluid-cooled aluminum tweeter. Features rear tweeter chamber; 2-way crossover with 6-dB/oct slopes. Gold binding posts. Power handling 120 W rms; crossover point 1,900 Hz; FR 55-22,000 Hz ± 3 dB; sens 84 dB; imp 4 ohms. Rosewood/cherry or black-ash/walnut finish \$1,599/pr

DZURKO ACOUSTICS

VLS System 1 Planar Speaker
83-in magnetic-planar line-source tower; separate powered subwoofer. FR 16-20,000 Hz ± 3 dB; sens 85 dB SPL/W/m; imp 6 ohms. Various hand finishes available. 820 lb \$22,000
VLS System 2. As above, FR 18-20,000 Hz ± 3 dB. 700 lb \$16,500

Shadow 3-Way Speaker
Features 3 decoupled chambers; hand crafting. FR 40-20,000 Hz ± 3 dB; sens 91.5 dB SPL/W/m; imp 4 ohms. Cherry, Zepeli, or other wood finish. 10 x 49 x 17 in; 180 lb \$9,250/pr

Jaguar 2-Way Bookshelf Speaker
Features hand crafting; layered braced construction; Solid Emerald or Gray Fountainhead front panels bonded to internal layers. FR 48-20,000 Hz ± 3 dB; sens 84.5 dB SPL/W/m; imp 8 ohms. Cherry or other wood finish. 10 x 16 x 18 in; 65 lb \$4,500/pr

Phantom 2-Way Speaker
8-in woofer, 1-in cloth-dome tweeter. FR 48-20,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black-lacquer oak finish. 10 x 33 x 12 in; 50 lb \$900/pr

EGGLESTONWORKS

Altar 3-Way Speaker
Front 12-in woofer, vented rear 12-in woofer, 6-in polypropylene midbass, dome tweeter. Features tri-lobal nylon-polyimide loose bulk-fiber damping material; tweeter crossover. FR 21-21,000 Hz; sens 87 dB; imp 8 ohms. Black Italian granite upper torso. 6-yr parts-and-labor warranty. 15¼ x 37½ x 18¼ in; 210 lb \$12,960

ELAN

A new-construction rough-in bracket is available for each of the following.

HT1000 In-Wall Home Theater System
Three Signature 400's, two Signature 325's, one Home Theater Wall Plate (see Accessories) ... \$749

Signature 1100 2-Way In-Wall Speaker
Two 6½-in treated-paper woofers, one 1-in ferrofluid-cooled soft-dome tweeter. Rectangle frame. Power handling 125 W \$599/pr

Signature 800 2-Way In-Wall Speaker
8-in treated-paper woofer, 1-in ferrofluid-cooled soft-dome tweeter. Power handling 120 W \$449/pr

Signature 400 2-Way In-Wall Speaker
6½-in treated-paper cone woofer, 1-in ferrofluid-cooled soft-dome tweeter. Rectangle frame. Power handling 100 W \$349/pr

Signature 325 2-Way In-Wall Speaker
5¼-in treated-paper cone woofer, 1-in ferrofluid-cooled poly-dome tweeter. Features patented wedge. Power handling 80 W \$289/pr

Select 400 2-Way In-Wall Speaker
6½-In poly-cone woofer, 1-in ferrofluid-cooled poly-dome tweeter. Rectangle frame. Power handling 65 W \$189/pr

Select 300 2-Way In-Wall Speaker
5¼-in paper-cone woofer, 1-in ferrofluid-cooled poly-dome tweeter. Rectangle frame. Power handling 60 W \$139/pr

Select 225W 2-Way In-Wall Outdoor Speaker
6½-in paper-cone woofer with 1-in ferrofluid-cooled poly-dome tweeter mounted over it. Features weather resistance. Square frame. Power handling 60 W \$125
Select 225. As above, not weather resistant ... \$109

Select 200 2-Way In-Wall Speaker
6½-in poly-cone woofer with 1-in ferrofluid-cooled poly-dome tweeter mounted over it. Round frame. Power handling 60 W \$119

Select 100 2-Way In-Wall Speaker
5¼-in poly-cone woofer with 1-in ferrofluid-cooled poly-dome tweeter mounted over it. Round frame. Power handling 60 W \$89

EMERSON BY JASCO

HS5416 Home Theater System
Subwoofer, two satellite speakers, center-channel speaker, and two rear speakers. Black woodgrain finish \$250

HS5402 Subwoofer/Satellite System
Bass-reflex subwoofer with two 5¼-in paper drivers; two rotating satellites, each with 3¼-in paper woofer and 1¼-in dome tweeter. Magnetic shielding. Power handling 100 W subwoofer, 40 W satellites; FR 36-200 Hz subwoofer, 40-20,000 Hz satellites; imp 4 ohms subwoofer, 8 ohms satellites. Subwoofer 17 x 12 x 6 in. Each satellite 4½ x 8½ x 4¼ in \$200

HS5406 2-Way Surround Speaker
5½-in woofer, 1-in dome tweeter. Includes flat and angled wall brackets and stand brackets. FR 50-20,000 Hz; imp 4-6 ohms. Gray \$150/pr

HS5410 2-Way Powered Speaker
Amp rated at 14 W rms. Magnetic shielding. Includes volume control and installation accessories ... \$140/pr

HS5404 2-Way Surround Speaker
Bass-reflex design with 5-in paper woofer and 2-in dome tweeter. Magnetic shielding. Power handling 100 W; FR 50-20,000 Hz; imp 8 ohms. 7 x 10½ x 7 in \$130/pr

HS5403 2-Way Center-Channel Speaker
Two 5¼-in woofers, one 2-in dome tweeter. Magnetic shielding. Power handling 120 W; FR 60-20,000 Hz; imp 6-8 ohms. 17 x 6 x 6 in \$120

HS5409 2-Way Powered Mini Speaker
Amp rated at 5 W rms. Designed for portable CD player to sit on top of speaker system \$100

HS5405 Surround Speaker
4½-in driver. Magnetic shielding. Power handling 60 W; FR 80-15,000 Hz; imp 8 ohms. 6½ x 7¼ x 7¼ in \$80

HS5407 3-Way Outdoor Speaker
4-in polypropylene woofer, 2-in midrange, 1-in dome tweeter. Water resistance. Power handling 40 W; imp 6 ohms. White \$60/pr
HS5408. As above, black \$60/pr

EMINENT TECHNOLOGY

LFT-VI Planar Speaker
Single 410-square-in Linear Field Transducer soft-foil/Mylar diaphragm. Features diaphragm design to remain within constant magnetic-flux field over entire displacement range; push-pull operation; thin diaphragm traces and narrow gaps. Biwire/biamp terminals. Power handling 250 W max; FR 38-20,000 Hz ± 4 dB; sens 83 dB SPL/W/m; imp 6 ohms. 18 x 78 x 2 in; 75 lb \$3,250/pr

LFT-VIII 3-Way Planar Speaker
Hybrid design with 8-in woofer, 164-square-in foil/Mylar midrange diaphragm, and tweeter diaphragm. Features constant magnetic field as diaphragm moves between magnets; steel frame. Biwire/biamp terminals. Power handling 200 W max; crossover points 180 and 10,000 Hz; FR 180-10,000 Hz; sens 84 dB SPL/W/m; imp 8 ohms. Oak finish \$1,500/pr

ENERGY

EPS-250 Powered Subwoofer
15-in driver; 250-W amplifier. Features protection circuitry. Line-level input. FR 20-150 Hz. Gloss black finish \$850

EPS-150 Powered Subwoofer
12-in driver; Class A/B 150-W amplifier. Features protection circuitry; adjustable low-pass filter; high-pass filter. Line-level inputs. Variable phase control. Black. 22 x 15 x 15 in \$650

EPS-12. As above, but 100-W amplifier. 19 x 14 x 15 in \$550

EPS-100. As above, but two 6½-in drivers, 100-W amplifier \$480

EFX 2-Way Surround Speaker
Sealed design with 5½-in woofer and two 2½-in tweeters in dipole configuration. Power handling 100 W; FR 120-15,000 Hz; sens 86 dB SPL/W/m; imp 6 ohms. Black or white finish. 10 x 10 x 16 in; 14 lb \$400/pr

OPUS 2-Way Surround Speaker
Sealed design with two 3½-in injection-molded polypropylene/graphite woofers and one ¾-in ferrofluid-cooled multiple-laminate tweeter. Compatible with Energy EPS-100 subwoofer. Features injection-



The ultimate blind test: Can you see the music?

The blind test: you don't know which brand of speakers is which or how much they cost. You can judge the speakers *only* by the music they produce. The true test of a loudspeaker, though, is not just how musical it sounds, but how accurately it recreates the sound stage... its ability to place the performers accurately, left to right and front to back.

Introducing the KEF Reference Series for 1995, with KEF's patented Uni-Q[®] technology. Uni-Q places the tweeter in the center of the woofer, allowing both high and low frequencies to reach your ears at the proper time — the vital element in creating a realistic sound stage.

Once you hear KEF's new Reference, the challenge of choosing the right loudspeakers won't be so daunting. You can do it with your eyes closed.



The KEF Reference Series: (From left to right) Models One, Three, Four, and Two. Shown in Rosewood finish. Also available in Rosetta Burr or Black Ash.



SPEAKERS

molded enclosure. Gold-plated 5-way binding posts. Magnetic shielding; integral stands/wall-mounts. Power handling 125 W; FR 140-22,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. White or black. 5 x 10 x 5 in.\$350/pr

EC-200 2-Way Center-Channel Speaker

Front-vented design with two 5/2-in injection-molded woofers and one 1-in fluid-cooled multiple-laminate dome tweeter. Magnetic shielding. Power handling 150 W; FR 47-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black. 7 x 22 x 12 in; 23 lb.\$350

EC-100 2-Way Center-Channel Speaker

Front-vented design with two 4/2-in woofers and one 3/4-in ferrofluid-cooled soft-dome tweeter. Magnetic shielding. Power handling 100 W; FR 60-20,000 Hz; sens 86 dB SPL/W/m; imp 8 ohms. Black. 6 x 19 x 9 in; 17 lb.\$200

Veritas Series

Veritas v2.8 3-Way Speaker

Vented design with two 8-in injection-molded aluminum/polypropylene-composite woofers, one 3-in metal-dome midrange, and one 1-in metal-dome tweeter. Gold-plated biwire/biamp terminals. Adjustable spiked feet. Power handling 500 W max; crossover points 400 and 2,500 Hz; FR 24-33,000 Hz; sens 86.5 dB SPL/W/m; imp 6 ohms. Gloss black finish. 12 x 50 x 18 in; 100 lb.\$5,000/pr

Veritas v1.8. As above, two 6 1/2-in woofers. Power handling 300 W max; FR 32-33,000 Hz; sens 87 dB SPL/W/m. Gloss black or natural mahogany finish. 12 x 45 x 18 in; 80 lb.\$3,000/pr

Connoisseur Series

C-8 2-Way Speaker

Vented design with two 8-in injection-molded aluminum/polypropylene woofers and one 1-in aluminum tweeter. Features Spherex baffle. Gold-plated biwire/biamp terminals. Adjustable spiked feet. Power handling 300 W; FR 28-25,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Gloss black or gloss rosewood finish. 39 x 10 x 16 in; 64 lb.\$1,500/pr

C-6. As above, 6 1/2-in woofers. Power handling 225 W; FR 30-25,000 Hz; sens 89 dB SPL/W/m. 36 x 10 x 16 in; 55 lb.\$1,200/pr

C-4. As above, single 8-in woofer. Power handling 175 W; FR 35-25,000 Hz; sens 88 dB SPL/W/m. 33 x 10 x 12 in; 43 lb.\$900/pr

C-2. As above, bookshelf version with single 6 1/2-in woofer. Power handling 130 W; FR 40-25,000 Hz; sens 88 dB SPL/W/m. 18 x 10 x 10 in; 38 lb.\$600/pr

Quantum Series

The following speakers are THX certified.

QBX THX Powered Subwoofer

Sealed design with 15-in driver; 250-W amplifier. FR 35-350 Hz. Black. 21 x 21 x 21 in; 83 lb.\$900

QSX 3-Way THX Bookshelf Speaker

Sealed design with one 6 1/2-in woofer, two 2 1/4-in midranges, and one 3/4-in ferrofluid-cooled dome tweeter. Magnetic shielding. Power handling 150 W; FR 80-20,000 Hz; sens 89 dB SPL/W/m; imp 6 ohms. Black. 18 x 10 x 10 in; 23 lb.\$550

QSX 2-Way THX Surround Speaker

Sealed dipole design with one 5 1/4-in woofer and two 2 1/4-in midranges. Power handling 100 W; FR 120-15,000 Hz; sens 86 dB SPL/W/m; imp 6 ohms. Black. 10 x 10 x 6 in; 14 lb.\$550/pr

RVS Home Theater Series

RVSS 2-Way Surround Speaker

Dual-vent design with two 5 1/4-in molded-polypropylene woofers and two 3/4-in ferrofluid-cooled soft-dome tweeters. Features bipolar radiation pattern from 60-400 Hz; dipole radiation pattern from 400-20,000 Hz. Power handling 125 W; FR 65-18,000 Hz \pm 3 dB; sens 86 dB SPL/W/m; imp 6 ohms. Black or white. 11 x 10 x 9 in; 30 lb.\$550/pr

RVS 2-Way Center-Channel Speaker

Dual-vent design with two 5 1/4-in injection-molded

woofers and one 1-in aluminum/cloth-dome tweeter. Magnetic shielding. Power handling 150 W max; FR 45-23,000 Hz; sens 86 dB SPL/W/m; imp 4 ohms. Gloss black finish. 9 x 19 x 12 in; 23 lb.\$350

Pro Series

PRO4.5 2-Way Speaker

Vented design with two 5 1/2-in injection-molded woofers and one 1-in multiple-laminate dome tweeter. Features MDF baffle. Gold-plated biwire/biamp terminals. Adjustable spiked feet. Power handling 140 W; FR 39-20,000 Hz; sens 89 dB SPL/W/m. 32 x 8 x 11 in; 31 lb.\$550/pr

PRO3.5. As above, bookshelf speaker with single 6 1/2-in woofer. Gold-plated 5-way binding posts. Metal stand available. Power handling 120 W; FR 45-20,000 Hz; sens 88 dB SPL/W/m. 16 x 9 x 10 in; 18 lb.\$350/pr

PRO2.5. As PRO3.5, 3/4-in soft-dome tweeter. 5-way binding posts. Power handling 110 W; FR 48-20,000 Hz. 14 x 9 x 9 in; 11 lb.\$250/pr

PRO1.5. As PRO2.5, 5 1/2-in woofer. Power handling 100 W; FR 52-20,000 Hz; sens 87 dB SPL/W/m. 12 x 8 x 8 in; 10 lb.\$200/pr

PRO.5. As PRO2.5, 5 1/4-in woofer, 1/2-in dual hyperdome tweeter. Quick-connectors. Power handling 80 W; FR 60-20,000 Hz; sens 86.5 dB SPL/W/m. 11 x 7 x 8 in; 8.5 lb.\$170/pr

ENSEMBLE

Primadonna Gold 2-Way Speaker

Vented dual-chamber design with 5 1/2-in tapered-sandwich cone woofer and 3/4-in gold-coated dome tweeter. Features time-aligned driver configuration; compensated 6-dB/oct filter. Two dual 3-way binding posts. Power handling 100 W max; crossover point 2,500 Hz; FR 40-20,000 Hz \pm 3 dB; sens 89 dB SPL/W/m; imp 4 ohms. Satin black lacquer finish. 14 x 46 x 19 1/4 in; 81.4 lb.\$12,400/pr

Reference Gold 2-Way Bookshelf Speaker

5 1/2-in cone woofer, 3/4-in gold-coated dome tweeter, passive radiator. Features 6-dB/oct crossover with compensation network; time alignment; lead granulate lining; sandwich construction of fiberboard. 3-way binding posts. Power handling 100 W max; crossover point 2,600 Hz; FR 60-20,000 Hz \pm 3 dB; sens 89 dB SPL/W/m; imp 4 ohms. Swiss cherry-wood or rosewood finish; black piano lacquer available. 9 1/4 x 14 x 8 3/4 in; 18.7 lb.\$7,550/pr

Reference Silver 2-Way Bookshelf Speaker

5 1/4-in cone woofer, 3/4-in textile-dome tweeter, passive radiator. Features 6-dB/oct crossover with impedance-compensation network; magnetic field compensation; Mylar and polypropylene capacitors; LC-OFC wiring; wood sandwich construction; driver time alignment. Power handling 120 W max; FR 60-20,000 Hz \pm 2.5 dB; sens 89 dB SPL/W/m; imp 4 ohms. Rosewood, cherry, or satin finish. 9 x 13 1/4 x 8 1/4 in; 20 lb.\$5,580/pr

Biwire model\$5,780/pr
Black piano lacquer finish\$6,480/pr
Biwire model with black-lacquer finish\$6,680/pr

Profundo Subwoofer

Two-port symmetrical bass-reflex design with 7-in polypropylene driver. Designed for use with Tango, PA-1, and Reference speakers. Features impedance-corrected passive filter network; 6 dB/oct filter slopes; thick-foil polypropylene capacitors; concave baffle; two-tier internal reinforcements; 3/4-in floor spikes. Gold-plated 3-way binding post inputs; parallel 3-way binding-post and banana-jack outputs. Switch-selectable sens (-1.5/0-3 dB). Power handling 150 W; sens 89 dB; imp 8 ohms. Satin black finish. 9 1/4 x 26 x 11 1/2 in; 33 lb.\$4,960

PA-1 Silver 2-Way Bookshelf Speaker

5 1/4-in woofer, 3/4-in textile-dome tweeter, passive radiator. Features compensated 6-dB/oct filter; wood sandwich construction; time-aligned front panel. Power handling 120 W max; FR 60-20,000 Hz \pm 2.5 dB; sens 88.5 dB SPL/W/m; imp 4 ohms. Swiss cherry

wood or rosewood type finish; black satin lacquer finish available. 9 x 13 1/4 x 8 1/4 in; 19 lb.\$3,495/pr

Tango 2-Way Bookshelf Speaker

Ported bass-reflex design with 5 1/4-in woofer and 3/4-in soft-dome tweeter. Features passive compensated 12-dB/oct crossover; iron-dust core inductors; printed circuit board with 70- μ m-thick plating; convex baffle; internal bracing; gimbal tweeter suspension. 3 pairs of gold-plated biwire/biamp banana inputs. Power handling 120 W max. FR 80-20,000 Hz \pm 3 dB; sens 90.5 dB SPL/W/m; imp 4 ohms. Satin black finish. 9 3/4 x 14 x 5 1/2 in; 14.3 lb.\$2,790/pr

ENTEC

Model 100K Powered Ribbon Speaker

Powered woofer column; full-range ribbon driver. FR 18-20,000 Hz.\$100,000

LF-20 Powered Subwoofer

Two 10-in drivers. Features external crossover selectable at 60, 100, or 180 Hz. FR 18-180 Hz. 125 lb.\$5,995/pr

LF-20T. As model above, with magnetic shielding. 65 lb.\$2,695

Model 90 2-Way Speaker

6-in midrange, 1-in tweeter. FR 90-20,000 Hz. 8 x 8 x 41 in; 55 lb.\$4,150/pr

Model 1002 Powered Subwoofer

Two 10-in drivers; 100-W/driver amp. Crossover point 60, 100, or 180 Hz. High-gloss black finish. 60 lb.\$2,395

Model 1001 Powered Subwoofer

10-in driver; 100-W amp. Crossover point 60, 100, or 180 Hz. FR 20-180 Hz. High-gloss black finish. 50 lb.\$1,895

EPITOME

Model 3508 2-Way In-Wall Speaker

8-in woofer, 1-in soft-dome tweeter. FR 40-20,000 Hz; sens 90 dB. Paintable.\$249/pr

Model 3506. As above, with 6 1/2-in woofer. FR 45-20,000 Hz.\$189/pr

Model 3500. As above, with 5 1/4-in woofer. FR 50-20,000 Hz.\$150/pr

Model 3576 2-Way In-Wall Speaker

6 1/2-in woofer, 1-in directional polycarbonate tweeter. FR 45-20,000 Hz; sens 90 dB. Paintable.\$209/pr

Model 3510/3511 2-Way Bookshelf Speaker

5-in woofer, 1/2-in horn tweeter. FR 50-20,000 Hz; sens 89 dB. Black or white.\$189/pr

2-Way Center-Channel Speaker

Two 3 1/2-in woofers, 3/4-in polycarbonate tweeter. Magnetic shielding. FR 99-20,000 Hz; sens 90 dB.\$149

Model 3526 2-Way In-Wall Speaker

6 1/2-in woofer with coaxially mounted 3/4-in polycarbonate tweeter. FR 65-20,000 Hz; sens 92 dB. Paintable.\$129/pr

Model 3525. As above, with 5 1/4-in woofer. FR 69-20,000 Hz; sens 90 dB.\$110/pr

EPOS

ES25 3-Way Speaker

8-in woofer, 6 1/2-in injection-molded polymer midrange, 1-in fluid-cooled aluminum-dome tweeter. Features tweeter loading via separate rear chamber; tweeter filtering through one capacitor; midrange phase plug protruding from cone apex; dual rear-suspension for woofer; internal cabinet bracing. Solid-brass triwire/triamp terminals. Power handling 200 W; FR 25-22,000 Hz; sens 88 dB SPL/W/m; imp 6 ohms. Walnut or cherry wood veneer finish.\$3,495/pr

ES14 2-Way Speaker

8-in woofer, aluminum tweeter. Features no cross-

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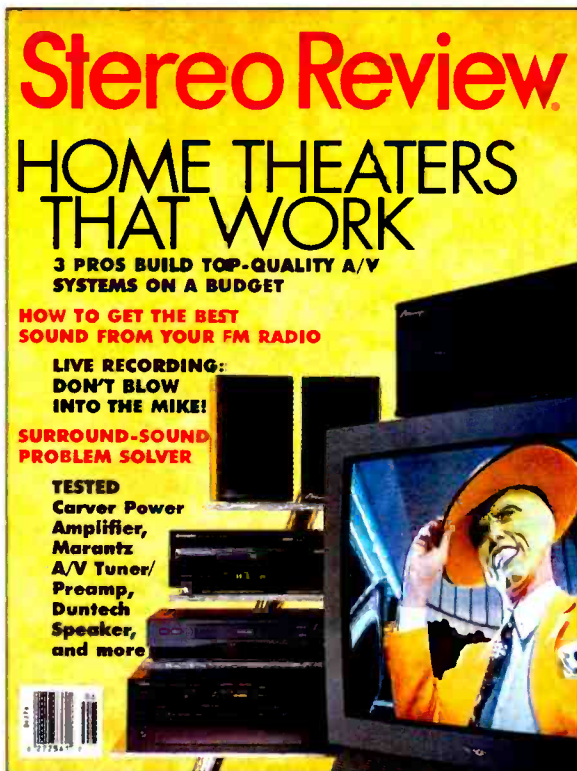
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SPEAKERS

over; natural woofer rolloff at 2,000 Hz. Black-ash, walnut, or mahogany veneer finish. 8 x 19½ x 11½ in.\$1,695/pr

ES11 2-Way Bookshelf Speaker

6½-in polypropylene woofer, aluminum-dome tweeter. Power handling 75 W; FR 60-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Black-ash, walnut, or mahogany veneer finish. 8 x 15 x 10 in; 18 lb.\$995/pr

ESPER

E-808 2-Way Speaker

Bipolar-bass design with front 5½-in woofer, rear 5½-in woofer, and one 1-in tweeter. Features electrical conductor from connectors at base through to crossover by metal stand. Power handling 120 W; FR 40-20,000 Hz; sens 84 dB SPL/W/m; imp 4 ohms. Blonde mahogany finish. 10 x 24½ x 11½ in; 70.4 lb.\$3,495/pr

E-601 2-Way Speaker

Vented design with 6½-in woofer and 1-in tweeter. Features angled face. Power handling 120 W; FR 45-20,000 Hz; sens 86 dB SPL/W/m; imp 7 ohms. Matte black or wood finish. 53 lb.\$1,850/pr

E-401 2-Way Bookshelf Speaker

Sealed design with 5¼-in woofer and 1-in tweeter. Features angled face. Includes metal stand. Power handling 120 W; FR 60-20,000 Hz; sens 83 dB SPL/W/m; imp 4 ohms. Blonde-mahogany or satin-black finish. 6½ x 12 x 8 in; 33 lb.\$1,500/pr

ESSENCE

Reference 12 Speaker System

Two Amethyst Reference 10, two Reference subwoofers. Features external line-level crossover. Multi-amplified or bi-amplified capability. FR 13-23,000 Hz ±3 dB. 1,330 lb.\$46,350

Amethyst 10A 5-Way Speaker

Folded transmission-line design with 10-in woofer, 6- and 1½-in midranges, 1-in tweeter, and ¾-in supertweeter. Features adjustable enclosures for each transducer. Crossover points 80, 1,000, 2,000, and 6,500 Hz; FR 24-23,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 6 ohms. 51 x 15 x 25 in; 240 lb.\$19,850/pr
Amethyst Reference 10. As above, reference version.\$26,500/pr

Topaz 6 4-Way Speaker

Folded transmission-line design with 8-in woofer, 6-in midrange, 1-in fabric-dome tweeter, and ¾-in fabric-dome supertweeter. Features floor coupling via 3-point suspension; adjustable enclosures for each transducer. Crossover points 350, 2,000, and 6,500 Hz; FR 28-22,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 6 ohms. 13 x 52 x 15 in; 155 lb.\$4,985/pr

FISHER

WS-848 Center/Surround Speaker System

Acoustic-suspension center-channel speaker with 5-in woofer and 3-in tweeter; two acoustic-suspension surround speakers, each with 4-in driver. Features auto-reset center-channel circuit breaker. Magnetic center-channel shielding; integrated wall-mount bracket on each speaker. Power handling 80 W center, 30 W surround; FR 80-12,000 Hz center, 100-10,000 Hz surround; sens 90 dB SPL/W/m center and surround; imp 8 ohms center and surround. Metallic-gray finish. Center 15¼ x 6¼ x 6 in. Each surround 7 x 5½ x 4¾ in.\$200

ST-5153-Way Speaker

Bass-reflex design with 15-in long-throw woofer, 4-in ferrofluid-damped midrange, and polyester-film tweeter. Features tweeter dispersion lens; auto-reset circuit breaker. Power handling 240 W max; FR 40-20,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. 18 x 36 x 13 in.\$150

ST-512. As above, 12-in woofer. Power handling 200 W max; FR 45-20,000 Hz; sens 90 dB SPL/W/m. 14 x 33 x 13 in.\$120

ST-510. As ST-512, 10-in woofer. Power handling 160 W max. 11¼ x 28 x 11 in.\$75

WS-737 2-Way Center-Channel Speaker

Acoustic-suspension design with 5-in woofer and 3-in tweeter. Features auto-reset circuit breaker. Magnetic shielding; integrated wall bracket. Power handling 80 W rms; FR 80-12,000 Hz; sens 90 dB SPL/W/m. 15¼ x 6¼ x 6 in.\$80

ST-58B 2-Way Bookshelf Speaker

Bass-reflex design with 8-in coated woofer and 3-in tweeter. Features auto-reset circuit breaker. Power handling 160 W max; FR 50-20,000 Hz. Black textured vinyl finish. 10 x 16¼ x 10½ in.\$75

ST-56B. As above, 6½-in woofer. Power handling 150 W max; FR 60-20,000 Hz. 8 x 14 x 9 in.\$70

ST-54B. As ST-56B, 4½-in woofer. Power handling 120 W max. 7 x 12 x 9 in.\$60

WS-608S Surround Speaker

Acoustic-suspension design with 4-in driver. Integrated wall bracket. Power handling 30 W rms; FR 100-10,000 Hz; sens 90 dB SPL/W/m. 7 x 5½ x 4¾ in.\$20

FRIED PRODUCTS

Valhalla Subwoofer/Satellite System

Two column-style transmission-line subwoofers, each with 8-in driver; 2 pyramid-shaped satellites, each with 6½-in transmission-line-loaded woofer and ¾-in dome tweeter. Features McShane Ambience Recovery System (M.A.R.S.). Power handling 250 W cont avg; FR 18-22,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Dark-cherry or black-ash finish. Subwoofer 10½ x 36 x 15½ in. Each satellite 10½ x 13½ x 15½ in.\$5,490
D/2. Valhalla subwoofer. Power handling 200 W cont avg.\$2,995/pr
C/5. Valhalla satellite speaker. Power handling 250 W cont avg; FR 60-22,000 Hz ±3 dB; sens 91 dB SPL/W/m. 20 lb.\$2,495/pr

Studio V 3-Way Speaker

Dual-transmission-line design with 8-in woofer, 6½-in midrange, and ¾-in dome tweeter. Power handling 250 W cont avg; FR 20-22,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Dark-cherry or black-ash finish. 12 x 38 x 18 in; 70 lb.\$3,595/pr

Beta VI 2-Way Bookshelf Speaker

Aperiodic design with 6½-in woofer and fluid-damped dome tweeter. 6-dB/oct crossover; vented woofer pole piece. Gold-plated binding posts. Power handling 100 W; crossover point 3,500 Hz; FR 60-20,000 Hz ±3 dB; sens 89 dB; imp 8 ohms. Gloss-black finish. 5-yr limited warranty. 8¼ x 13 x 7¾ in.\$499/pr
 Natural-cherry finish.\$549/pr

GENELEC

Model 1035B 3-Way Speaker

Two 15-in woofers, one 5-in midrange, and one 1-in tweeter. Features separate electronics chassis. Black birch veneer finish.\$72,000/pr

Model 1034A 3-Way Speaker

Two 12-in woofers, one 5-in midrange, one 1-in tweeter. Features separate electronics chassis. Black birch veneer finish.\$46,000/pr

Model 1033A 3-Way Speaker

Two 10-in woofers, one 5-in midrange, one 1-in tweeter. Features separate electronics chassis. Black birch veneer finish.\$30,000/pr

Model 1038A 3-Way Powered Speaker

Vented triamp design with 15-in woofer, 5-in midrange, 1-in tweeter. Crossover and amps inset on rear of enclosure. Black birch veneer finish.\$6,999

Model 1037A 3-Way Powered Speaker

Vented triamp design with 12-in woofer, 5-in midrange, and 1-in tweeter. Crossover and amps inset in rear of enclosure. Black birch veneer finish.\$4,699

Model 1094A Powered Subwoofer

Vented design with 15-in front-loaded cone woofer; 400-W amp. Features subsonic filter; 3-channel active crossover; driver overload protection; soft-start power supply; power-on signal muting; thermal-overload and short-circuit protections; aluminum heat sink; MDF cabinet; adjustable low- and high-pass filters. Balanced-XLR left, center, and right inputs and outputs. LED clipping indicator; bass rolloff switch; phase-matching switch in increments of 90°. Crossover point 85 Hz; FR 29-80 Hz ±2.5 dB. Textured black finish. 29 x 18¼ x 24¼ in.\$3,899

Model 1032A 2-Way Powered Speaker

Vented biamp design with 10-in woofer and 1-in tweeter. Crossover and amps inset on rear of enclosure. Black birch veneer finish.\$2,499

Model 1092A Powered Subwoofer

Vented design with two 8-in front-loaded drivers; amp rated at 180 W rms. Features driver overload protection; muting circuit; thermal overload protection; 3-channel active crossover; subsonic filter; MDF cabinet; adjustable low- and high-pass filters. Balanced-XLR left, center, and right inputs and outputs. Bass rolloff switch; phase-matching switch in increments of 90°. Crossover point 85 Hz; FR 33-80 Hz ±2.5 dB. Textured black finish. 24¼ x 12½ x 20 in.\$2,199

Model 1031A 2-Way Powered Bookshelf Speaker

Vented biamp design with 8-in polymer-composite woofer and 1-in metal-dome tweeter; 120-W woofer amp, 120-W tweeter amp. Crossover and amps inset in rear of enclosure. Features active crossover, overload protection circuitry; subsonic filter. Balanced-XLR input. Bass rolloff switch; bass and treble tilt controls; adjustable input sens; mute switch. Crossover point 2,000 Hz; FR 48-22,000 Hz ±2 dB. Black birch veneer finish. 9¾ x 15½ x 11½ in.\$2,099

Model 1031AP. As above, different cabinet. Black textured finish.\$1,899

Model 1030A-M 2-Way Powered Speaker

Vented biamp design with 6½-in woofer and 1-in tweeter. Crossover and amps inset in rear of enclosure. Magnetic shielding. Black textured finish.\$1,199

Model 1030A 2-Way Powered Speaker

Vented biamp design with 6½-in woofer and ¾-in tweeter; woofer amp rated at 80 W rms, tweeter amp rated at 50 W rms. Crossover and amps inset in rear of enclosure. Features active crossover; overload protection circuitry; subsonic filter. Balanced-XLR input. Mute switch. FR 55-18,000 Hz ±2.5 dB. Black textured finish.\$1,099

GENESIS

Genesis I 3-Way Powered Ribbon Speaker System

Two bass towers, each with six 12-in servo-controlled metal-cone drivers; two high-frequency panels, each with 5-ft ribbon midrange and 26 ribbon tweeters; 12-channel 4,000-W servo amp. Crossover points 80 and 3,700 Hz; imp 4 ohms. South American rosewood finish. Each high-frequency panel 42 in wide x 7½ ft high. Each bass tower 18 in wide x 7½ ft high.\$90,000

Genesis II 3-Way Powered Ribbon Speaker System

Two bass towers, each with four 12-in servo-controlled metal-cone drivers; two high-frequency panels, each with 4-ft ribbon midrange and 15 ribbon tweeters; 4-channel 1,000-W servo woofer amp. Crossover points 85 and 3,600 Hz; imp 4 ohms. South American rosewood finish. Each high-frequency panel 28½ in wide x 6 ft high. Each bass tower 16 in wide x 6 ft high.\$33,000

Genesis II.5 3-Way Powered Ribbon Speaker System

Two speakers, each with two 12-in servo-controlled

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SPEAKERS

metal-cone woofers, 4-ft ribbon midrange, and 4-ft ribbon tweeter; 2-channel 700-W servo woofer amp. Crossover points 85 and 4,200 Hz; imp 4 ohms. South American rosewood finish. Each speaker 28½ in wide x 6 ft high\$22,000

Genesis V 4-Way Powered Ribbon Speaker System

Two speakers, each with four 8-in servo-controlled metal-cone woofers, one 6½-in metal-cone mid-bass coupler, one 3-in titanium-silicon-carbide dome midrange, and two 1-in round ribbon tweeters; 2-channel 700-W servo amplifier. Crossover points 80, 500, and 3,700 Hz; imp 4 ohms. South American rosewood finish. Each speaker 11 x 42 x 20 in\$14,500

Genesis VI. As above, except each speaker with three 8-in servo controlled metal-cone woofers; 400-W servo amplifier. Each speaker 11 x 42 x 18 in\$8,500

GERSHMAN ACOUSTICS

GS-P 3-Way Speaker

Ported design with 12-in woofer. Features angled pyramid shape. Power handling 250 W max; FR 25-24,000 Hz; sens 98 dB; imp 8 ohms. 63-in height; 125 lb\$5,800/pr

Avant Garde 3-Way Speaker

8-in long-throw fiber-glass woofer, 3-in dome midrange, 1-in double-chamber fabric-dome tweeter. Features 1-in-thick high-density board construction with internal bracing; angled enclosure top for time alignment; antidiaphragm felt used on narrow front baffle between tweeter and midrange. Power handling 200 W max; FR 25-24,000 Hz; sens 87 dB; imp 8 ohms. Black lacquer finish. 36-in height; 65 lb\$3,600/pr

Enigma 500-X 2-Way Speaker

8-in treated-paper woofer, fluid-cooled double-chamber tweeter. Features high-density board construction; pyramid shape. Power handling 200 W max; FR 30-24,000 Hz; sens 87 dB; imp 8 ohms. 36-in height; 65 lb\$2,600/pr

Specter 2-Way Speaker

8-in fiber-glass cone woofer. Power handling 200 W max; FR 25-20,000 Hz; sens 86 dB; imp 8 ohms. 36-in height; 50 lb\$1,600/pr

GERTNER AUDIO

The following feature a 6-year parts-and-labor warranty. Prices given are for the standard hand-rubbed oiled wood-veneer cherry finish.

CEL3096 3-Way Speaker

Angled-port design with 12-in woofer, 10-in midrange, ferrofluid-cooled dome tweeter. Features crossover with air-core copper coils; polypropylene capacitors; antiresonance tweeter mounting; one-piece enclosure. Gold-plated solid-brass binding posts. Power handling 300 W cont; FR 24-20,000 Hz; sens 96 dB SPL/W/m; imp 8 ohms. 15½ x 45½ x 16 in; 112 lb\$4,250/pr

CEL1596 2-Way Speaker

Angled-port design with 10-in woofer and ferrofluid-cooled dome tweeter. Features crossover with air-core copper coils; polypropylene capacitors; antiresonance tweeter mounting; one-piece enclosure. Gold-plated solid-brass binding posts. Power handling 150 W cont; FR 30-20,000 Hz; sens 96 dB SPL/W/m; imp 8 ohms. 14½ x 32 x 14 in; 62 lb\$2,150/pr

CEL1091 2-Way Speaker

Angled-port design with 8-in woofer and ferrofluid-cooled dome tweeter. Features crossover with air-core copper coils; polypropylene capacitors; one-piece enclosure. Gold-plated binding posts. Power handling 100 W cont; FR 35-20,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. 13¼ x 24 x 12 in; 40 lb\$1,395/pr

GRADIENT

Revolution 3-Way Speaker

Two 12-in woofers, 7-in fiberglass midrange with 1-in dome tweeter coaxially mounted. Open dipole woofer cabinet. FR 30-20,000 Hz ±3 dB; sens 86 dB; imp 5 ohms. Ebony black. 40 x 14 x 16 in; 50 lb . . .\$3,995/pr

Gradient 1.3 3-Way Speaker

8-in woofer, 12-in dipole midrange, four 1½-in tweeters in line-source array. Features bass-reflex woofer cabinet. Biwire/biamp terminals. FR 45-20,000 Hz ±2 dB. Black or white. 38 x 15 x 11 in; 22 lb . . .\$2,500/pr

Avanti 2-Way Speaker

Bass-reflex design with 6½-in polypropylene woofer and ¾-in ferrofluid-cooled titanium-dome tweeter. Includes stand. Crossover point 3,000 Hz; FR 60-22,000 Hz ±2 dB; sens 86 dB; imp 8 ohms. Black or white. 20 x 10 x 11 in; 20 lb\$1,250/pr

CC-1 2-Way Center-Channel Speaker

Point-source monopole design with 1-in dome tweeter coaxially mounted over 7-in fiberglass woofer. Features cabinet designed to eliminate early reflections. Magnetic shielding. FR 80-20,000 Hz ±3 dB; sens 87 dB; imp 8 ohms. 2-yr limited warranty. 21 x 8 x 7 in; 14 lb\$899

DS-1 Surround Speaker

Dipole design. Features trapezoidal enclosure. FR 90-20,000 Hz ±3 dB; sens 88 dB; imp 8 ohms. Black or white. 2-yr limited warranty. 6 x 18 x 7 in; 10 lb . . .\$699

HARBETH

The following are available in a standard finish of teak, walnut, black-ash, or oak.

Monitor HL-5 2-Way Speaker

8-in woofer, 1-in ferrofluid-cooled aluminum-dome tweeter. Features birch-plywood cabinet damped with bitumen and acoustic foam; crossover on fiberglass printed circuit board. Gold-plated biwire/biamp binding posts. Power handling 100 W; FR 50-18,000 Hz ±2.5 dB; sens 86.5 dB SPL/W/m; imp 8 ohms\$2,495/pr
Ebony or rosewood finish\$3,195/pr

BBC-LS5/12A 2-Way Bookshelf Speaker

Tuned-port design with Dynaudio woofer and ferrofluid-cooled Dynaudio tweeter. Features computer-aided design; shaped and damped rear tweeter chamber; air-core coils; 5-oz-copper printed circuit board. 5-way biwire/biamp binding posts. Magnetic shielding. Power handling 120 W; FR 55-22,000 Hz; sens 81.5 dB; imp 8 ohms\$2,195/pr
Ebony or rosewood finish\$2,495/pr

HL-C7 2-Way Speaker

8-in woofer, 1-in ferrofluid-cooled anodized-dome tweeter. Features woofer phase plug; 13-element crossover on double-sided fiberglass printed circuit board. Gold-plated biwire/biamp binding posts. Power handling 100 W; FR 50-18,000 Hz ±2.5 dB; sens 86 dB SPL/W/m; imp 8 ohms\$1,995/pr
Ebony or rosewood finish\$2,495/pr

HL-P3 2-Way Speaker

4½-in plastic woofer, ¾-in aluminum-dome tweeter. Features computer-optimized design; damped MDF enclosure; 18-dB/oct crossover on fiberglass printed circuit board. Biwire/biamp terminals. Magnetic shielding. Stand optional. Power handling 45 W; FR 80-20,000 Hz ±3 dB; sens 82.5 dB SPL/W/m . . . \$995/pr
Ebony or rosewood finish\$1,195/pr

BBC-LS3/5A 2-Way Speaker

4½-in woofer, ¾-in dome tweeter. Features computer optimization; multiple-layer birch-plywood cabinet damped with bituminous pads and acoustic foam; 14-element crossover on fiberglass printed circuit board. Binding posts. Power handling 30 W; FR 80-18,000 Hz ±3 dB; sens 82 dB SPL/W/m; imp 10 ohms\$995/pr
Ebony or rosewood finish\$1,195/pr

HARMAN KARDON

FS-1 2-Way Speaker

Ported design. FR 55-20,000 Hz +3 dB; sens 85 dB SPL/W/m; imp 8 ohms\$299/pr

HARMONIC PRECISION

Echelon 3-Way Speaker

8½-in poly-cone woofer, 2-in aluminum-alloy dome midrange, double-chamber aluminum-dome tweeter. Features fully complementary transfer functions by series crossover; cabinet bracing. Power handling 200 W; crossover points 14,000 and 75,000 Hz; FR 39-20,000 Hz ±3 dB. Dark stained-oak trim finish. 5-yr parts-and-labor warranty. 10½ x 45 x 13½ in; 59 lb\$1,995/pr

Model 2sc 2-Way Bookshelf Speaker

6½-in mineral-filled poly-cone woofer, 1-in double-chamber metal-dome tweeter. Features rear-firing tuned port; 9-element 6-dB/oct series crossover with metal-film capacitors and Teflon wire. Power handling 200 W rms; FR 45-21,000 Hz ±3 dB; sens 89 dB; imp 8 ohms. 9½ x 14½ x 9½ in; 28 lb\$895/pr

HARMS SOUND LABS

HL-4 2-Way Speaker

2-plec design with two 6½-in polypropylene woofers and two 1-in dome tweeters in one enclosure, 12-in polypropylene woofer and 12-in passive radiator in second enclosure. Power handling 200 W max; FR 22-30,000 Hz ±2 dB. Low-frequency enclosure 17 x 31 x 12 in. High-frequency enclosure 17 x 14 x 12 in\$605

HSL Large Subwoofer

12-in polypropylene dual-voice-coil woofer, 12-in passive radiator. Power handling 200 W; FR 22-150 Hz ±2 dB. 17 x 31 x 12 in; 52 lb\$500

HL-3 3-Way Speaker

10-in polypropylene woofer, 6½-in polypropylene midrange, 1-in dome tweeter, 10-in passive radiator. Power handling 120 W max; FR 30-20,000 Hz ±2 dB. 13½ x 24½ x 10¼ in; 22 lb\$425

HSL Small Subwoofer

10-in polypropylene dual-voice-coil woofer, 10-in passive radiator. Power handling 100 W; FR 28-150 Hz ±3 dB. 17 x 31 x 12 in; 36 lb\$400

HL-2 2-Way Speaker

8-in polypropylene woofer, 1-in dome tweeter, 10-in passive radiator. Power handling 80 W max; FR 30-20,000 Hz ±2 dB. 13½ x 24½ x 10¼ in; 35 lb . . .\$325

HL-1P 2-Way Speaker

6½-in polypropylene woofer, 1-in dome tweeter, 8-in passive radiator. Power handling 80 W max; FR 37-20,000 Hz ±2 dB. 10½ x 21½ x 10¼ in; 22 lb . . .\$275

HSL Large 3-Way Speaker

One 12-in woofer, two sealed-back 5½-in midranges, two vented horn tweeters. Features ported cabinet. Power handling 120 W; FR 24-20,000 Hz. 5-yr warranty. 11¼ x 17 x 31½ in\$250

HL-1 3-Way Speaker

5-in cast frame woofer and midrange; 1-in dome tweeter; 8-in passive radiator. Features 1¼-in voice coil. Power handling 40 W max; FR 45-20,000 Hz ±2 dB. 10½ x 19½ x 8 in; 18 lb\$225

HSL Medium 3-Way Speaker

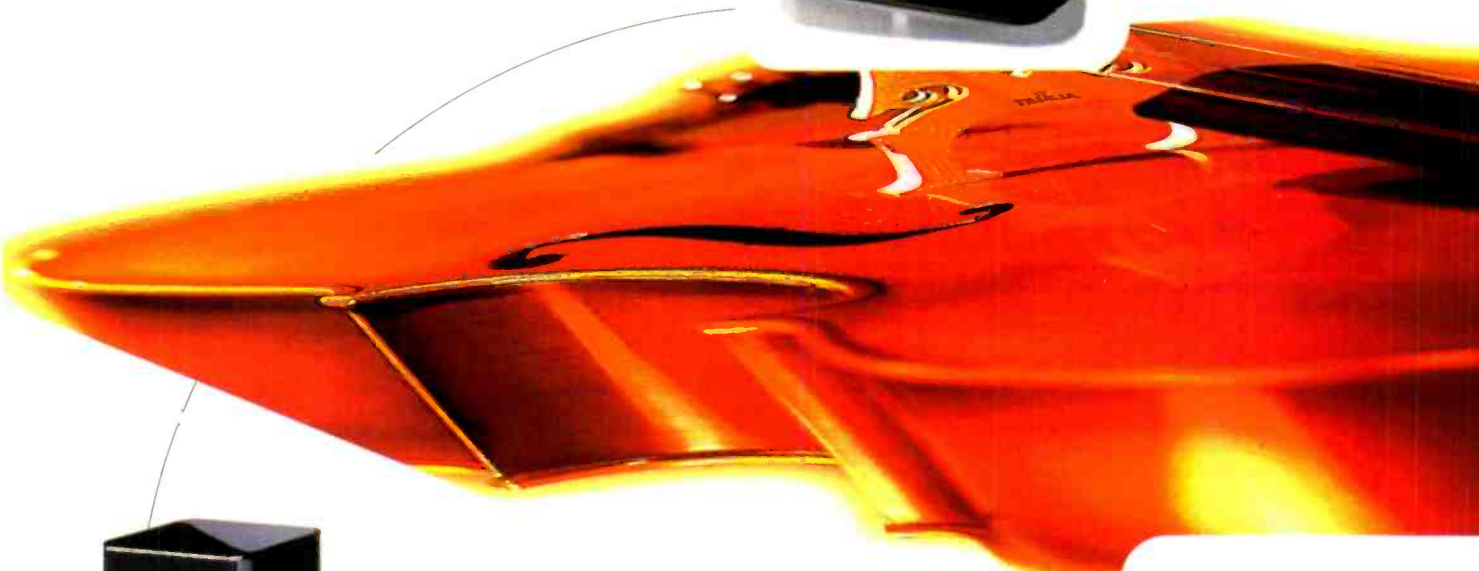
10-in polypropylene woofer, 5¼-in sealed-back midrange, vented horn tweeter. Features ported cabinet. Power handling 100 W; FR 32-20,000 Hz. 5-yr warranty. 9½ x 13½ x 24½ in; 32 lb\$200

Mini Monitor 3-Way Bookshelf Speaker

5-in woofer, 5-in midrange, 1-in dome tweeter. Power handling 40 W max; FR 70-20,000 Hz ±2 dB. 9 x 13 x 6½ in; 12 lb\$175

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SPEAKERS

HSL Small 2-Way Speaker

8-in polypropylene woofer, Motorola vented horn tweeter. Power handling 80 W; FR 40-20,000 Hz. 5-yr warranty. 2 1/2 x 9 1/4 x 10 1/2 in; 22.5 lb\$150

HSL 2-Way Satellite Speaker

4 1/2-in poly midrange, 1-in hard-dome Seas tweeter. Power handling 100 W; FR 90-20,000 Hz. 5 1/2 x 8 1/2 x 5 in; 6 lb\$150

HARRISON LABORATORY

Power Mowse Tower 3-Way Powered Speaker

Waveguide/ported subwoofer; 12 drivers total; separate amplifier for each driver. Features integral active crossovers. Noise-gate operation when used with SEMOD EQ/crossover\$1,995/pr As above, but with 1/2-oct EQ featuring pink-noise generator\$2,495/pr

Power Mowse 3-Way Powered Speaker

One 6 1/2-in proprietary air-pump woofer, two 3-in proprietary midranges, two 2-in Motorola tweeters; 5 amplifiers rated at 30 W with electronic crossover. Features portable design. 1-yr warranty. 9 x 5 x 30 in; 20 lb\$500

HSU RESEARCH

HRIBR Subwoofer

16-piece vented cylindrical design with sixteen 18-in woofers per channel. Requires separate room to house subwoofers. Features separate tube Class A 24-dB/oct Linkwitz-Riley crossover. Power handling 6,000 W rms; crossover point variable from 20-100 Hz; FR 10-100 Hz ± 1 dB. 2,400 lb total\$80,000

HRSW210 Subwoofer

Vented cylindrical push-pull design with two 10-in drivers. Features discrete FET Class A Linkwitz-Riley crossover with polypropylene capacitors and gold-plated connectors; spiked feet. Gold-plated binding posts. Includes demo CD. Power handling 400 W rms; crossover point variable from 28-155 Hz; FR 18-100 Hz ± 1 dB; imp 8 ohms. Various finishes. 66-in height x 24-in diameter; 150 lb\$2,500/pr

HRSW12V Powered Subwoofer

Vented cylindrical design with 12-in driver; amp rated at 150 W rms. Features 24-dB/oct Linkwitz-Riley crossover; spiked feet. Gold-plated line-level input and output; speaker-level input. Magnetic shielding; polarity, soft-clipping, and crossover switches; level control. Various finishes. FR 20-100 Hz ± 2 dB. 22-in height x 23-in diameter; 70 lb\$850

HRSW10V Powered Subwoofer

Vented cylindrical design with 10-in driver; amp rated at 150 W rms. Features 24-dB/oct Linkwitz-Riley crossover; spiked feet. Gold-plated binding posts. Magnetic shielding; polarity, soft-clipping, and crossover switches; level control. FR 20-100 Hz ± 1 dB; imp 8 ohms. Zolatone granite top. 17-in height x 18-in diameter; 35 lb\$700/pr

HUBBELL SOUND SYSTEMS

The following are available in an oak, cherry, or walnut real-wood-veneer finish.

HS6.5BP 2-Way Speaker

Ported bipolar design with two 6 1/2-in poly woofers and two 1-in aluminum tweeters. Features 3/4-in MDF cabinet; poly capacitors; air-core inductors. Gold-plated 5-way biwire/biamp binding posts. Power handling 160 W rms; crossover point 2,200 Hz; FR 40-18,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 4 ohms. 40 x 8 x 10 in; 45 lb\$950/pr

HS542.2 2-Way Speaker

Symmetrically aligned design with two 5 1/4-in poly woofers and one 1-in aluminum tweeter. Features braced 3/4-in MDF cabinet; poly capacitors; air-core inductors; 18-dB/oct crossover. Gold-plated 5-way biwire/biamp binding posts. Power handling 100 W rms; crossover point 3,000 Hz; FR 70-20,000 Hz ± 3

dB; sens 89 dB SPL/W/m; imp 4 ohms. 8 x 10 x 18 1/2 in; 40 lb\$850/pr

HS12DVC Subwoofer

Sealed design with 12-in dual-voice-coil poly driver. Features down filling; 1 1/4-in MDF cabinet; 18-dB/oct crossover. 5-way biwire/biamp binding posts. Power handling 150 W rms; crossover point 70 Hz; FR 33-70 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 4 ohms. 18 x 18 x 18 in; 63 lb\$750

Reference Series

HSR 3-Way Speaker

Symmetrically aligned design with two 10-in poly woofers, two 5 1/4-in midbasses, and one 1-in aluminum tweeter. Features 1 1/2-in MDF cabinet; silver internal wiring; poly capacitors; air-core inductors. Gold-plated 5-way biwire/biamp binding posts. Power handling 350 W rms; crossover points 300 and 3,000 Hz; FR 28-20,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 4 ohms. 14 x 73 x 24 in; 300 lb\$4,750/pr

Soliare 2-Way Bookshelf Speaker

Ported design with 8-in poly woofer and 1-in aluminum tweeter. Features 2-in MDF cabinet; silver internal wiring; poly capacitors; air-core inductors. Gold-plated 5-way biwire/biamp binding posts. Power handling 150 W rms; crossover point 2,200 Hz; FR 45-18,000 Hz ± 3 dB; sens 85 dB SPL/W/m; imp 8 ohms. 11 x 17 x 17 1/4 in\$1,900/pr

Sonare 2-Way Bookshelf Speaker

Ported design with 5 1/4-in poly woofer and 1-in aluminum tweeter. Features 1 1/2-in MDF cabinet; silver internal wiring; poly capacitors; air-core inductors. Gold-plated 5-way biwire/biamp binding posts. Power handling 150 W rms; crossover point 3,200 Hz; FR 53-20,000 Hz ± 3 dB; sens 84 dB SPL/W/m; imp 4 ohms. 8 x 12 x 15 in; 66 lb\$1,400/pr

ST Series

T1 2-Way Bookshelf Speaker

4-in treated-paper woofer, 1/2-in tweeter. Features film capacitors; air-core inductors. Power handling 30 W rms; crossover point 4,000 Hz; FR 120-18,000 Hz ± 3 dB; sens 84 dB SPL/W/m; imp 8 ohms. 7 x 10 x 9 in; 20 lb\$200/pr

S1 Subwoofer

4th-order bandpass alignment with 8-in poly dual-voice-coil driver. Power handling 100 W rms; FR 35-120 Hz ± 3 dB; sens 90 dB; imp 4 ohms. Black. 9 x 9 x 20 in; 20 lb\$200

INCUS

GFS-Sub-Sat 5. GFS-SUB subwoofer and GFS-5 satellites\$520

SM-12-3-Way Speaker

Bass-reflex design with 12-in woofer, 5-in ferrofluid-cooled midrange, and 2 1/2-in horn-loaded tweeter. Magnetic shielding. Power handling 150 W; FR 30-20,000 Hz; sens 92 dB; imp 8 ohms. 25 x 15 x 11 in\$450/pr

IFS-800 2-Way In-Wall Speaker

8-in carbon-fiber woofer, 1-in titanium tweeter. Power handling 100 W max; crossover point 2,500 Hz; FR 30-25,000 Hz; imp 8 ohms. 13 x 9 x 3 in\$430/pr

IFS-650. As above, 6 1/2-in woofer. Crossover point 3,000 Hz; FR 50-22,000 Hz. 11 x 7 x 3 in\$250/pr

IFS-525. As IFS-800, 5 1/4-in woofer. Crossover point 3,500 Hz; FR 60-21,000 Hz. 8 x 5 x 3 in\$200/pr

SM-10 2-Way Bookshelf Speaker

Bass-reflex design with 10-in woofer and 2 1/2-in horn-loaded dome tweeter. Magnetic shielding. Power handling 200 W max; FR 40-20,000 Hz; sens 89 dB; imp 8 ohms. 23 x 12 x 12 in\$400/pr

GFS-8 2-Way Bookshelf Speaker

Acoustic-suspension design with 8-in woofer and 3/4-in liquid-cooled polycarbonate-dome tweeter. Woofer

shielding. Power handling 125 W max; crossover point 3,500 Hz; FR 45-21,000 Hz; imp 8 ohms. 10 x 17 x 10 in\$360/pr

GFS-SUB Subwoofer

4th-order vented design with two 6 1/2-in drivers. Power handling 250 W max; crossover point 120 Hz; FR 36-150 Hz; imp 6 ohms. 21 x 13 x 11 in\$290

GFS-6II 2-Way Bookshelf Speaker

Acoustic-suspension design with 6 1/2-in woofer and 3/4-in liquid-cooled polycarbonate-dome tweeter. Woofer shielding. Power handling 100 W max; crossover point 4,500 Hz; FR 56-20,000 Hz; imp 8 ohms. 8 x 12 x 9 in\$260/pr

GFS-5 2-Way Bookshelf Speaker

Bass-reflex design with 5 1/4-in woofer and 3/4-in liquid-cooled polycarbonate-dome tweeter. Magnetic shielding. Power handling 100 W max; crossover point 5,000 Hz; FR 56-20,000 Hz; imp 8 ohms. 8 x 12 x 9 in\$230/pr

INFINITY

EMIM, EMIT, EMIT-R, and EMIT-N are proprietary planar drivers.

IRS Series V Reference Powered Speaker System

2 subwoofers, each with six 12-in drivers in feedback loop with two 2,000-W servo amps; 2 midrange/tweeter modules, each with 12 midranges in dipole arrangement and 36 tweeters in dipole line-source array (24 front- and 12 rear-facing). Features Monster Cable internal wiring; switchable bass servo. Variable low-pass filters; woofer phase switch and level controls; selectable midrange/tweeter input control. Includes 100-ft midrange/tweeter connecting cable. Power handling 500 W/ch midrange/tweeter; crossover points 70 and 5,000 Hz; FR 16-44,000 Hz ± 2 dB; sens 87 dB SPL/W/m; imp 4 ohms. Oiled Brazilian rosewood or Santos finish. Each subwoofer 20 3/4 x 90 x 28 3/4 in. Each midrange/tweeter module 47 x 90 x 17 in\$60,000

Epsilon 4-Way Speaker

12-in injection-molded graphite polypropylene woofer, proprietary L-EMIM midbass coupler, EMIM midrange, two EMIT tweeters. Power handling 500 W rms; crossover points 150, 500, and 3,000 Hz; FR 25-35,000 Hz ± 1.5 dB; sens 87 dB SPL/W/m; imp 4 ohms. Santos finish. 18 x 59 x 15 in\$14,000/pr

BU-1 Powered Subwoofer

Tuned-port design with 8-in poly-cone driver; integral amp rated at 50 W rms. Auto turn-on/off. Crossover point variable from 50-150 Hz; FR 45-150 Hz ± 3 dB. Ebony-pica finish. 11 1/2 x 11 1/2 x 11 1/2 in\$449

Outrigger 2-Way Outdoor Speaker

5 1/4-in polypropylene woofer, 1-in Polycell-dome tweeter. Features weatherproof design capable of withstanding temperature extremes from -4° to 140° F and any humidity level; inert mineral-filled polypropylene enclosure; aluminum, brass, and stainless-steel parts. Includes swivel/tilt mounting bracket. Power handling 80 W rms; FR 100-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. White. 8 x 10 x 7 in\$400/pr

Renaissance Series

The following feature rounded corners tapering to the back of the enclosure, 3 acoustic spikes, a transmission-line midrange subenclosure, and biwire/biamp terminals made of brass with gold plating.

Renaissance 90 4-Way Speaker

10-in injection-molded graphite woofer, 6-in injection-molded graphite midbass coupler, EMIM midrange, EMIT tweeter. Power handling 400 W rms; crossover points 200, 600, and 3,000 Hz; FR 27-45,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 4 ohms. Blonde-oak or black-ash finish. 17 1/4 x 49 x 12 1/2 in\$1,799

Renaissance 80 3-Way Speaker

8-in injection-molded graphite woofer, EMIM mid-

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range, EMIT tweeter. Power handling 350 W rms; crossover points 550 and 3,000 Hz; FR 35-45,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 4 ohms. Blonde-oak or black-ash finish. 15 x 4 1/4 x 1 1/4 in\$1,199

Compositions Series

Prelude P-FR 4-Way Powered Speaker

One 12-in long-throw woofer, four 5/4-in long-throw midbasses, two 4-in polypropylene midranges, one 1-in soft-dome tweeter; built-in bass amplifier. Features elliptical tweeter wave guide. Magnetic shielding. Power handling 150 W; FR 25-20,000 Hz; sens 96 dB SPL/W/m; imp 6 ohms. 7 1/2 x 5 1/4 x 1 9/8 in; 78 lb\$1,500

Prelude P-CC 3-Way Center-Channel Speaker

Two 5/4-in long-throw woofers, two 4-in polypropylene midranges, one 1-in dome tweeter. Features elliptical tweeter wave guide. Magnetic shielding. Power handling 150 W; crossover points 350 and 3,000 Hz; FR 80-20,000 Hz; sens 96 dB SPL/W/m; imp 6 ohms. 23 x 6 1/2 x 7 1/8 in; 21.2 lb\$779

Prelude Quadrapole P-QPS 2-Way Surround Speaker

5/4-in long-throw woofer, four 3/2-in tweeters. Power handling 100 W; crossover point 350 Hz; FR 50-15,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 13 1/2 x 10 x 4 1/2 in; 7 lb\$669/pr

Kappa Series

Kappa 9.1 Series II 4-Way Speaker

Two 12-in injection-molded graphite woofers, one 6 1/2-in midbass coupler, one poly-dome midrange, and one EMIT-R tweeter. Power handling 400 W rms; crossover points 180, 750, and 3,500 Hz; FR 27-35,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 8 ohms. Honey or black oak-veneer finish. 18 x 5 8/8 x 14 in\$1,499

Kappa 8.1 Series II 4-Way Speaker

Impedance-matching aperiodic-reflex design with 12-in injection-molded graphite woofer, 6 1/2-in injection-molded graphite midbass, polypropylene-dome midrange, and EMIT-R tweeter. Features nonparallel sides; rounded front corners; rear midrange waveguide; circuit-breaker tweeter protection; adjustable tilting feet. Gold-plated 5-way biwire/biamp binding posts. Midrange and tweeter level controls. Power handling 300 W rms; crossover points 180, 700, and 4,700 Hz; FR 32-35,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 6 ohms. Honey- or black-oak finish. 16 1/2 x 4 8/8 x 12 in\$1,149

Kappa 7.1 Series II 3-Way Speaker

Ported design with 10-in injection-molded graphite woofer, polypropylene-dome midrange, and EMIT-R tweeter. Features nonparallel sides; rounded front corners; circuit-breaker tweeter protection; adjustable tilting feet. Gold-plated 5-way biwire/biamp binding posts. Midrange and tweeter level controls. Power handling 250 W rms; crossover points 500 and 4,500 Hz; FR 39-35,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 6 ohms. Honey- or black-oak finish. 14 1/2 x 4 3/8 x 10 1/4 in\$899

Kappa 6.1 Series II. As above, 8-in woofer. Power handling 200 W rms; FR 45-35,000 Hz ± 2 dB. 12 1/4 x 3 8 x 9 1/4 in\$699

Kappa Video Series II 2-Way Surround Speaker

Tuned cabinet with two 5/4-in injection-molded graphite woofers, EMIT-R tweeter. Features crossover with polypropylene capacitors and OFC wiring. Gold-plated inputs. Magnetic shielding; adjustable angle. Wall- and ceiling-mount bracket optional. Power handling 150 W rms; crossover point 4,000 Hz; FR 90-35,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 6 ohms. Honey-oak veneer with solid-oak end panels or black. 8 1/2 x 20 1/4 x 6 1/8 in\$400

Reference Standard Series

The following are available with an oak or black-ash finish.

RS12-SUB Powered Subwoofer

Ported design with 12-in injection-molded graphite

driver; 150-W amp. Features servo system using current and voltage feedback from driver; 12-dB/oct high-pass filter for satellite output; 18-dB/oct low-pass filter; auto power-limiting circuitry. Line- and speaker-level inputs; outputs with or without crossover for satellites or full-range speakers. Auto turn-on/off; input-level control. Crossover point 100 Hz high-pass, variable from 50-200 Hz low-pass; FR 35-200 ± 3 dB. 16 1/2 x 16 1/2 x 17 1/4 in\$899

RS10-SUB. As above, 10-in driver, 100-W amp. FR 40-200 Hz ± 3 dB. 13 1/2 x 13 1/2 x 13 in\$699

RS425 2-Way Speaker

6 1/2-in injection-molded graphite woofer, 6 1/2-in injection-molded graphite radiator, 3/4-in ferrofluid-cooled air-filled polypropylene-foam dome tweeter. Features woofer dispersion stabilizer. Power handling 150 W rms into 6 ohms; crossover point 3,100 Hz; FR 58-25,000 Hz ± 3 dB; sens 92 dB SPL/W/m; imp 8 ohms. 9 1/2 x 22 1/2 x 11 1/4 in\$499/pr

RS625 2-Way Speaker

One 8-in injection-molded graphite woofer, two 8-in injection-molded graphite radiators, one 1-in ferrofluid-cooled air-filled polypropylene-foam dome tweeter. Features woofer dispersion stabilizer. Power handling 200 W rms into 6 ohms; crossover point 2,800 Hz; FR 40-25,000 Hz ± 3 dB; sens 92 dB SPL/W/m; imp 8 ohms. 10 1/4 x 37 1/2 x 13 1/8 in\$389

RS525. As above, 6 1/2-in woofer and radiators. Power handling 125 W rms; FR 52-25,000 Hz ± 3 dB. 9 1/2 x 32 x 12 1/2 in\$329

RS325 2-Way Bookshelf Speaker

6 1/2-in injection-molded graphite woofer, ferrofluid-cooled air-filled polypropylene-foam dome tweeter. Features woofer dispersion stabilizer. Power handling 150 W rms into 6 ohms; crossover point 3,300 Hz; FR 65-25,000 Hz ± 3 dB; sens 92 dB SPL/W/m; imp 8 ohms. 8 1/2 x 16 1/2 x 10 1/2 in\$329/pr

RS Video 2-Way Center-Channel Speaker

Two 5 1/4-in injection-molded graphite woofers, 1-in ferrofluid-cooled air-filled polypropylene-foam dome tweeter. Magnetic shielding; adjustable rear leg. Wall mountable. Power handling 150 W rms into 8 ohms; crossover point 2,200 Hz; FR 100-25,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 18 1/4 x 7 x 6 1/4 in\$299

RS225 2-Way Bookshelf Speaker

6 1/2-in injection-molded graphite woofer, 1/2-in ferrofluid-cooled polycarbonate tweeter. Power handling 75 W rms into 6 ohms; crossover point 3,000 Hz; FR 70-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 8 1/2 x 14 1/4 x 7 1/8 in\$249/pr

RS125. As above, 5 1/4-in polypropylene woofer. Power handling 60 W rms into 6 ohms; crossover point 4,500 Hz; FR 74-20,000 Hz ± 3 dB. 7 1/2 x 11 1/2 x 6 1/8 in\$199/pr

Architectural Lifestyle Series

Infinitesimal SUB (SSW-10) Powered Subwoofer

10-in injection-molded graphite driver; amp rated at 100 W rms. Features servo control system. Variable level and crossover controls. Crossover point variable from 50-200 Hz; FR 40-200 Hz ± 3 dB. Black pica cabinet. 13 1/4 x 13 1/4 x 13 in\$599

Minuette Theater Pac Home Theater System

One Minuette center-channel speaker; four Minuette MPS satellite speakers\$589

Infinitesimal Four 2-Way Satellite Speaker

5/4-in injection-molded graphite woofer, 1-in EMIT-R tweeter. Magnetic shielding. Power handling 80 W rms; crossover point 5,000 Hz; FR 100-40,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 6 x 9 1/2 x 6 1/8 in\$429/pr

Minuette Surround Pac Center/Surround System

One Minuette center-channel speaker; two Minuette MPS satellite speakers\$389

Infinitesimal Video 2-Way Center Speaker

Two 5 1/4-in injection-molded graphite woofers,

EMIT-R tweeter. Magnetic shielding; adjustable mounting bracket. Power handling 150 W rms; crossover point 3,500 Hz; FR 90-40,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black. 14 1/2 x 6 1/4 x 6 in\$329

Minuette MPS 2-Way Satellite Speaker

3/2-in woofer, 1/2-in polycarbonate tweeter. Features acoustic tweeter lens. Magnetic shielding. Includes angle wall-mount bracket. Power handling 80 W rms; crossover point 3,500 Hz; FR 200-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Black or white. 4 1/4 x 7 x 3 3/4 in\$229/pr

Video 1 2-Way Center-Channel Speaker

Acoustic-suspension design with two 5/2-in polypropylene woofers and 1/2-in ferrofluid-cooled polycarbonate tweeter. Magnetic shielding. Power handling 100 W rms; crossover point 4,500 Hz; FR 58-20,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black pica finish. 18 1/4 x 7 x 5 1/2 in\$189

Minuette 2-Way Center-Channel Speaker

Two 3/2-in woofers, one 1/2-in polycarbonate tweeter. Features acoustic tweeter lens. Magnetic shielding. Includes angled wall-mount bracket. Power handling 80 W rms; crossover point 5,000 Hz; FR 150-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Black. 10 1/2 x 4 1/4 x 3 3/4 in\$189

Studio Monitor Series

The following, except SM65, are available in a walnut or black-pica vinyl finish. Woofers and midranges have polypropylene-coated cones. Tweeters have air-filled polypropylene foam domes.

SM155 3-Way Speaker

Ported design with one 15-in woofer, two 4 1/2-in midranges, and one 1-in tweeter. Features rounded edges; auto-reset circuit breaker. Midrange and tweeter level controls. Power handling 300 W; crossover points 500 and 5,500 Hz; FR 44-25,000 Hz ± 3 dB; sens 102 dB SPL/W/m; imp 8 ohms. 17 1/4 x 40 x 12 1/2 in\$599

SM105 2-Way Bookshelf Speaker

Ported design with 10-in woofer and 1-in tweeter. Features auto-reset circuit breaker. Power handling 150 W; crossover point 3,300 Hz; FR 65-25,000 Hz ± 3 dB; sens 100 dB SPL/W/m; imp 8 ohms. 12 x 21 x 12 in; 68 lb\$498/pr

SM125 3-Way Speaker

Ported design with 12-in woofer, 4 1/2-in midrange, and 1-in tweeter. Features auto-reset circuit breaker. Midrange and tweeter level controls. Power handling 200 W; crossover points 750 and 5,500 Hz; FR 49-25,000 Hz ± 3 dB; sens 100 dB SPL/W/m; imp 8 ohms. 14 1/4 x 35 1/4 x 12 1/2 in\$449

SM85 2-Way Bookshelf Speaker

Ported design with 8-in woofer and 1-in tweeter. Features auto-reset circuit breaker. Power handling 125 W; crossover point 2,800 Hz; FR 72-25,000 Hz ± 3 dB; sens 98 dB SPL/W/m; imp 8 ohms. 11 1/4 x 18 x 10 1/2 in\$428/pr

SM115 3-Way Speaker

Ported design with 10-in woofer, 4 1/2-in midrange, and 1-in tweeter. Features auto-reset circuit breaker. Tweeter level control. Power handling 175 W; crossover points 900 and 5,500 Hz; FR 59-25,000 Hz ± 3 dB; sens 100 dB SPL/W/m; imp 8 ohms. 13 1/2 x 30 x 12 1/2 in\$369

SM Video 2-Way Center-Channel Speaker

Two 6 1/2-in polypropylene-coated woofers, one 1-in polycell tweeter. Features tuned rear ports; auto-reset circuit-breaker tweeter protection. Magnetic shielding. Power handling 175 W; crossover point 2,200 Hz; FR 78-20,000 Hz ± 3 dB; sens 93 dB SPL/W/m; imp 8 ohms. 21 x 8 x 8 1/2 in\$329

SM65 2-Way Bookshelf Speaker

Ported design with 6 1/2-in polypropylene-coated

HOW TO GET A SURROUND SOUND HOME THEATER FOR JUST \$99....

Confused about home theater? It's no wonder with all of the hype on the subject. The simple truth is, you don't need an expensive Dolby® or THX® decoder to get great sounding Home Theater. Chase's award winning 5 channel HTS-1 Decoder works with your existing stereo, is easy to use, and even makes "Wireless Home Theater" a reality at last!

By Bob Rapoport

If you bought your stereo system in the 70's, 80's or even the 90's, there's a good chance it still works great, but does not have surround sound. In order to have a true "Home Theater", you need more than just a big screen; you need 5 speakers which surround you, bringing the movie to life right in your living room, just like they do at the movie theater. But more than that, you need a decoder that separates the front signals from the rear signals, and creates a special "dialog" channel. The Chase HTS-1 Decoder does just that, and does it in a revolutionary way that rivals even the most expensive Dolby® Pro Logic THX® systems!

HOW IT WORKS

The videotape version of the movie has a stereo soundtrack with only two channels of sound, left and right. The rear channel surround signal is "matrixed" into the soundtrack out-of-phase with the main stereo signal. Back in the late 1960's, legendary audio designer David Hafler originated a method for passively decoding matrix encoded audio signals. The Chase HTS-1 uses the same basic "de-matrixing" technique, while at the same time adding a line level center channel output, and discrete line level outputs for the rear channels, making it the world's first "hybrid" passive/active decoder.

Like the original Hafler decoder, the HTS-1 allows you to drive both the front and rear channels with your existing stereo amp as well. Now here's the important part; all pro-logic decoders are matrix decoders too, except they are "active", meaning they use signal processing to do the same thing, adding noise and distortion to the sound. They also cost more because you have to buy an additional amp. The full bandwidth HTS-1 decodes "passively", so it adds absolutely no noise or distortion, and sounds totally natural at all times, on music and movies.



The "DIALOG" powered center channel is a "Point Source Design", and is shielded so it won't distort your TV picture.....\$75

THE CENTER CHANNEL AND WHY YOU NEED IT

One of the speakers at the movie theater is placed behind the screen, in the center. This speaker keeps voices and certain special effects locked on-screen. In a home theater system, using a center channel does the same thing, adding impact to the special effects, and localizing voices. Since the stereo soundtrack does not contain a dedicated center channel, the Chase decoder extracts the sum of the left and right channels, known as

THE CRITICS LOVE IT!

Some of the best audio critics in the U.S.A. have raved about the new Chase system:

"FIRST RATE.... A SURROUND EXPERIENCE THAT IS INVOLVING AND NATURAL. AUDIOPHILE PURISTS WILL PREFER IT"

WIDESCREEN REVIEW
MARCH '95

"GRADE A.....I PREFERRED IT TO DECODERS SELLING FOR \$3,000 AND UP"

AUDIO MAGAZINE
DEC '94

"THE HTS-1 CAN DO QUITE A JOB OF RE-CREATING A 3D THEATRICAL EXPERIENCE, SOUND WAS CLEAN AT ANY LEVEL"

HIGH PERFORMANCE REVIEW
SEPT '94



The ELF-1 is a perfect "POINT SOURCE" style rear channel effects speaker, clearly out-performing all of the Bi-Polar designs when it comes to localizing off-screen sounds..... just \$99 per pair including brackets.

the mono signal, and directs it to a center channel output on the decoder. This channel does have to be amplified separately, so Chase makes a special self-amplified center channel speaker called the "Dialog". It's built-in amplifier has just the right amount of power to amplify the mid-range voice signals and on-screen special effects, without ruining the hi fi reproduction of the music in the movie.

AWARD WINNING DESIGN



At the 1994 Summer Consumer Electronics Show in Chicago, the HTS-1 won the Design and Engineering Award for being one of the best and most innovative new products of 1994. This award-winning design from Chase Technologies is a breakthrough for it's ease of use, affordability and outstanding performance.



The award-winning HTS-1 Decoder

WIRED AND WIRELESS REAR CHANNEL OPTIONS

One of the biggest obstacles to setting up a home theater system is how to get the sound from the front of the room where your stereo system is usually located, to the rear channel speakers which should be located above and behind your listening position, just like they are at the movie theater.

Chase makes two kinds of speakers for the surround channels; first, the ELF-1 is a traditional hard-wired speaker that comes equipped with brackets for easy installation. They come in black or white to match your decor and offer great value and performance for the money.

Next, if running speaker wires across your living room floor and over door jams is just not an option, Chase is the first manufacturer in the world to make a 900 MHz wireless speaker system that works on batteries (no ugly power cords), making truly "WIRELESS HOME THEATER" a reality at last. The WS-5500, in black or white, installs easily on its optional bracket, and provides up to 80 hours of stunning wire-free surround channel performance.



AVAILABLE IN BLACK OR WHITE

30 Day In-Home Audition. The best place to evaluate the HTS-1 is in your home. Try the HTS-1 or any Chase product for 30 days, and if you're not satisfied for any reason, return it for a full refund.

Please refer to key code SRBG 113 when ordering.

- HTS-1 Decoder..... \$99, \$10 S&H
- ELF-1 Rear Channel Speakers..... \$99pr., \$10 S&H (Specify Black or White)
- Dialog Powered Center Channel Speaker.....\$75, \$8 S&H
- WS-5500 Wireless Speakers\$279pr., \$12 S&H (Specify Black or White)
- WMB-5500 Wall Mount Bracket for Wireless Speakers \$50pr. \$8 S&H, (Specify Black or White)

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woofer and 3/4-in polypropylene-dome tweeter. Features auto-reset circuit breaker. Power handling 100 W rms; crossover point 5,000 Hz; FR 78-25,000 Hz ± 3 dB; sens 94 dB; imp 8 ohms. 8 x 13 1/4 x 8 in\$278/pr

Environmental Reference Standard Series
The following feature removable drivers, resistance to humidity and temperatures up to 170° F, a universal mounting system, and a paintable grille. Pre-construction mounting kits are available for \$38 to \$48 a pair.

ERS840 2-Way In-Wall Speaker
8-in injection-molded graphite woofer, EMIT-N tweeter. Power handling 75 W rms; crossover point 3,800 Hz; FR 50-45,000 Hz ± 3 dB; sens 85 dB SPL/W/m; imp 8 ohms. 11 1/4 x 15 1/2 x 3 3/4 in\$580/pr

ERS640 2-Way In-Wall Speaker
6-in injection-molded graphite woofer, 3/4-in ferrofluid-cooled air-filled polypropylene-foam dome tweeter. Power handling 60 W rms; crossover point 3,800 Hz; FR 60-22,000 Hz ± 3 dB; sens 85 dB SPL/W/m; imp 8 ohms. 8 1/4 x 12 1/4 x 3 1/4 in\$340/pr

ERS540 2-Way In-Wall Speaker
5 1/4-in injection-molded graphite woofer, 3/4-in polycarbonate tweeter. Power handling 40 W rms; crossover point 6,000 Hz; FR 75-22,000 Hz ± 3 dB; sens 85 dB SPL/W/m; imp 8 ohms. 8 x 8 x 3 in\$250/pr

ERS360 2-Way In-Wall Speaker
5 1/4-in injection-molded graphite woofer, 3/4-in polycarbonate-dome tweeter. Power handling 40 W rms; crossover point 6,000 Hz; FR 75-22,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Mounting diameter 7 in\$250/pr

ERS440 2-Way In-Wall Speaker
4-in injection-molded graphite full-range driver. Power handling 30 W rms; FR 90-15,000 Hz ± 3 dB; sens 85 dB SPL/W/m; imp 8 ohms. 7 x 7 x 2 1/2 in\$180/pr

JACKSON

AU-3 3-Way Powered Bookshelf Speaker
5 1/2-in carbon-fiber woofer, 1-in polyimide-dome tweeter, 3/8-in supertweeter. Power handling 100 W; crossover points 2,500 and 12,000 Hz; FR 80-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Baked-enamel satin ivory or black finish. 7 1/2 x 13 1/2 x 4 1/4 in\$1,300/pr

AU-20 Powered Subwoofer
10 1/4-in polypropylene dual-voice-coil woofer, 15-in damped polypropylene passive radiator. Power handling 250 W; sens 90 dB SPL/W/m; imp 8 ohms. Baked-enamel satin ivory or black finish. 7 1/2 x 13 1/2 x 4 1/4 in\$1,250

JAMO

Oriel 3-Way Speaker
Bass-reflex design with two 8-in woofers, one 6 1/2-in Kevlar midrange, and one 1 1/2-in dome tweeter. Features engraved name plate of owner; lateral cabinet reinforcement with sections of hardened glass; antiresonant MDF panels; individual chambers for each woofer; foil capacitors; air coils and coils wound on ferro-powder cores; concrete plinth with 4 spikes. 24-karat gold-plated triwire/triamp terminals. Power handling 300 W; crossover points 100 and 3,000 Hz; FR 20-22,000 Hz; sens 87 dB SPL/W/m; imp 6 ohms. 15 1/2 x 70 x 11 1/4 in\$4,500

Jamo Home THX Speaker System
Two SUB One bass-reflex subwoofers, each with one 12-in driver; three LCR One 3-way front/center speakers, each with two 5-in woofers, two 3-in midranges, and one 1-in tweeter; two Surround One 3-way dipolar surround speakers, each with three 4-in woofers and two 1-in tweeters. Features THX certification; front-firing reflex subwoofer port. 2 input pairs of gold-plated binding posts for each

front/center speaker; gold-plated blinding-post subwoofer and surround-speaker inputs. Magnetic front/center-speaker and subwoofer shielding. Includes wall-mount brackets. Power handling 250 W front/center or subwoofer, 200 W surround; FR 30-200 Hz -3 dB subwoofer, 80-20,000 Hz ± 2 dB front/center, 100-20,000 Hz surround; sens 88 dB SPL/W/m subwoofer or front/center, 89 dB SPL/W/m surround; imp 4 ohms front or surround, 8 ohms subwoofer. Black-ash front/center and subwoofer finishes; black- or white-ash surround finish. Each subwoofer 17 1/4 x 30 x 16 1/2 in. Each front/center 17 1/4 x 21 1/4 x 5 1/2 in. Each surround 16 1/2 x 10 1/4 x 5 1/2 in\$3,995

SW-600E Powered Subwoofer
Two 10-in drivers; integral amp rated at 100 W rms; outboard controller. Gold-plated line-level and speaker terminals. Hardened-glass top plate; volume, crossover-point, and phase-reverse controls. Crossover point variable from 80-150 Hz; FR 30-150 Hz; sens adjustable from 80-100 dB. 13 x 16 1/2 x 21 in\$995

SW-500 Subwoofer/Satellite System
Adjustable bass-reflex subwoofer with two 10-in drivers; two satellites, each with 4-in woofer and dome tweeter. Features push-pull subwoofer-driver alignment. 24-karat gold-plated terminals; subwoofer terminals for additional satellites. Power handling 140 W x 2 subwoofer, 50 W satellite; crossover point 3,500 Hz satellite; FR 30-200 Hz subwoofer, 80-20,000 Hz satellite; sens 90 dB sub and sat; imp 8 ohms sub and sat. Subwoofer 13 x 16 1/2 x 21 in. Each satellite 6 1/2 x 8 3/4 x 5 1/2 in\$799
Subwoofer only\$499
SAT-500. Satellite only\$149

SW-300 Subwoofer/Satellite System
Adjustable bass-reflex subwoofer with two 8-in drivers; two satellites, each with one 4-in woofer and one 3/4-in tweeter. Features push-pull subwoofer-driver alignment. 24-karat gold-plated screw terminals. Power handling 100 W x 2 subwoofer, 50 W satellite; crossover point 3,500 Hz satellite; FR 30-200 Hz subwoofer, 80-20,000 Hz satellite; sens 90 dB sub and sat; imp 8 ohms sub and sat. Subwoofer 13 1/4 x 8 1/2 x 19 in. Each satellite 6 x 8 x 3 in\$699
Subwoofer only\$399
SAT-300. Satellite only\$129

SW-200 Subwoofer/Satellite System
Subwoofer with two 8-in drivers; two satellites, each with 4-in woofer and 3/4-in tweeter. Power handling 100 W x 2 subwoofer, 50 W satellite; crossover point 3,500 Hz satellite; FR 35-150 Hz subwoofer, 80-20,000 Hz satellite; sens 90 dB SPL/W/m sub and sat; imp 8 ohms sub and sat. Subwoofer 19 1/2 x 15 1/2 x 9 1/2 in. Each satellite 6 x 8 3/4 x 3 1/2 in\$499
Subwoofer only\$329
SAT-200. Satellite only\$119

SW-160 Subwoofer/Satellite System
Adjustable bass-reflex subwoofer with two 6 1/2-in drivers; two satellites, each with 4-in polypropylene woofer and 2-in cone tweeter. Power handling 100 W x 2 subwoofer, 50 W satellite; crossover point 4,500 Hz satellite; FR 35-200 Hz subwoofer, 80-20,000 Hz satellite; sens 90 dB SPL/W/m sub and sat; imp 8 ohms sub and sat. Subwoofer 12 1/2 x 8 x 18 1/2 in. Each satellite 5 1/2 x 8 x 3 1/2 in\$449
Subwoofer only\$279
SAT-160. Satellite only\$99

Atmosphere 2-Way On-Wall Speaker
Bass-reflex design with 5 1/4-in woofer and 1-in dome tweeter; integrated 20-W halogen lamp. Features cabinet interior without straight surfaces; multiple-layer lead cladding in cabinet for resonance damping. 360° rotation when used with supplied wall bracket. Power handling 60 W; crossover point 3,000 Hz; FR 40-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 10 1/2 x 14 1/2 x 6 1/2 in\$399

Silhouette 3-Way Speaker
Bass-reflex design with two 5 1/4-in woofers and

one 1-in dome tweeter. Power handling 80 W; crossover points 300 and 4,000 Hz; FR 47-20,000 Hz; sens 90 dB SPL/W/m; imp 5 ohms. 9 3/4 x 48 1/4 x 6 1/2 in\$399

Center 200 2-Way Center-Channel Speaker
Bass-reflex design with two 5-in woofers and one 1-in dome tweeter. Magnetic shielding; +3/0/-3-dB treble switch. Power handling 80 W; crossover point 2,000 Hz; FR 70-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 22 1/4 x 8 1/4 x 6 1/2 in\$399

Graphic 2-Way On-Wall Speaker
Bass-reflex design with two 5 1/4-in woofers and one 1-in dome tweeter. Drivers installed in synthetic material anchored in hole cut out of glass panel; computer-optimized band-pass filter. Black-glass front panel that accepts fabric panel. Includes 3 fabric panels. Power handling 60 W; crossover point 3,000 Hz; FR 45-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 15 1/2 x 17 1/2 x 3 1/2 in\$299

SW-80 Subwoofer/Satellite System
Bass-reflex subwoofer with two 6 1/2-in drivers; two satellites, each with 4-in woofer and 2-in cone tweeter. Power handling 70 W x 2 subwoofer, 45 W satellite; crossover point 4,500 Hz satellite; FR 45-200 Hz subwoofer, 90-20,000 Hz satellite; sens 90 dB SPL/W/m sub and sat; imp 8 ohms sub and sat. Subwoofer 12 1/2 x 7 1/2 x 17 1/2 in. Each satellite 5 1/2 x 7 1/2 x 3 1/2 in\$299
SAT-80. Satellite only\$89

Art 2-Way Speaker
Bass-reflex design with 5 1/4-in woofer and 1-in impregnated textile-dome tweeter. Features computer-optimized band-pass filter. Power handling 60 W; crossover point 3,000 Hz; FR 40-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Cabinet shape similar to that of modern flat-square TV. 15 1/2 x 13 1/2 x 3 1/2 in\$249
Artina. As above, 4-in woofer, 2-in cone tweeter. Power handling 50 W; crossover point 4,500 Hz; FR 80-20,000 Hz; sens 90 dB SPL/W/m. 11 1/2 x 9 1/2 x 3 in\$149

Converta 2-Way Speaker
4-in woofer, 2-in cone tweeter. Hemisphere-shaped enclosure that resembles a hanging light fixture. Power handling 50 W; crossover point 2,500 Hz; FR 80-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 9 1/4-in diameter\$199
Converta Light. Above with 20-W halogen lamp mounted in center of speaker grille\$219

Center 100 2-Way Center-Channel Speaker
Bass-reflex design with two 4-in woofers and 1-in tweeter. Magnetic shielding. Power handling 70 W; crossover point 4,500 Hz; FR 80-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 16 1/2 x 6 1/2 x 4 1/2 in\$199

Indoor/Outdoor II 2-Way Outdoor Speaker
Two 4-in woofers, 3/4-in dome tweeter. Resistant to water, heat, cold, smoke, and dust. Power handling 60 W; crossover point 3,500 Hz; FR 70-20,000 Hz; sens 90 dB SPL/W/m; imp 4 ohms. 12 1/2 x 6 3/4 x 4 3/4 in\$150
Indoor/Outdoor I. As above, single woofer. Power handling 50 W; crossover point 4,500 Hz; FR 80-20,000 Hz; imp 8 ohms. 5 1/2 x 8 x 3 1/4 in\$119

Center 50 2-Way Center-Channel Speaker
Bass-reflex design with two 4-in woofers and one 3/4-in dome tweeter. Magnetic shielding. Power handling 60 W; crossover point 3,500 Hz; FR 80-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 12 1/2 x 6 1/2 x 4 1/2 in\$149

Surround 200 3-Way Surround Speaker
4-in woofer, 3/4-in midrange, 2-in cone tweeter. Power handling 50 W; crossover points 800, 3,500, and 7,000 Hz; FR 80-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 6 1/2 x 9 x 5 1/2 in\$149

Surround 100 2-Way Surround Speaker
4-in woofer, 2-in cone tweeter. Power handling

45 W; crossover point 4,500 Hz; FR 90-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 5¼ x 7½ x 3½ in\$89

U-50 On-Wall Speaker

Bass-reflex design with 5-in driver. Volume control. Power handling 50 W; FR 80-15,000 Hz; sens 92 dB SPL/W/m; imp 8 ohms. 6¼ x 10½ x 5½ in\$79

U-40 2-Way On-Wall Speaker

Bass-reflex design with 4-in woofer and ¾-in tweeter. Power handling 50 W; crossover point 3,500 Hz; FR 80-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 6¼ x 8¾ x 5 in\$79

Surround 50 Surround Speaker

4-in driver. Power handling 45 W; FR 120-17,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. 5¼ x 7¾ x 3½ in\$69

'07 Series

Tweeters are magnetic-oil-cooled and have coated-textile domes. Models 507 and 707 feature long-throw woofers in a push-pull configuration.

Model 707 3-Way Speaker

Bass-reflex design with two 8-in woofers, two 5-in midranges, and one 1-in tweeter. Power handling 200 W; crossover points 150 and 3,000 Hz; FR 35-20,000 Hz; sens 90 dB SPL/W/m; imp 4 ohms. 10¼ x 40¼ x 15¼ in\$749

Model 507. As above, except with 6½-in woofers and 4-in midranges. Power handling 150 W; FR 40-20,000 Hz; sens 88 dB SPL/W/m. 8¾ x 36 x 14¼ in\$599

Model 477 2-Way Speaker

Bass-reflex design with two 5-in woofers and one 1-in tweeter. Power handling 100 W; crossover point 2,500 Hz; FR 40-20,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms. 7½ x 30¾ x 11¼ in\$449

Model 307. As above, single woofer. Power handling 70 W; crossover point 3,000 Hz; FR 50-20,000 Hz; sens 87 dB SPL/W/m; imp 6 ohms. 7¼ x 12¼ x 10¼ in\$249

Model 407 3-Way Bookshelf Speaker

Bass-reflex design with 6½-in woofer, 1-in dome midrange, and ¾-in tweeter. Power handling 80 W; crossover points 3,000 and 10,000 Hz; FR 45-20,000 Hz; sens 88 dB SPL/W/m; imp 6 ohms. 8½ x 15½ x 10½ in\$349

BX Series

The following feature a rear-facing port and horn-loaded tweeters.

BX-200A 3-Way Speaker

Bass-reflex design with 12-in woofer, 4-in midrange, and 1-in tweeter. Power handling 250 W; crossover points 2,000 and 3,000 Hz; FR 30-20,000 Hz; sens 93 dB SPL/W/m; imp 8 ohms. 16¾ x 28¼ x 12¾ in\$459

BX-150A. As above, 10-in woofer. Power handling 150 W; crossover points 2,300 and 5,000 Hz; FR 35-20,000 Hz; sens 92 dB SPL/W/m. 14¾ x 25 x 12 in\$399

BX-100A. As BX-150A, 8-in woofer. Power handling 100 W; crossover points 2,000 and 4,200 Hz; FR 40-20,000 Hz; sens 91 dB SPL/W/m. 12½ x 21½ x 11 in\$299

Classic Series

The following feature a 22-mm-MDF front panel and gold-plated biwire/biamp terminals and are available in a mahogany or black finish. The tweeters feature coated-textile membranes and magnetic-oil cooling.

Classic 8 3-Way Speaker

Bass-reflex design with two 6½-in woofers, one 5¼-in midrange, and one 1-in tweeter. Features computer-designed internal bracing. Power handling 150 W; crossover points 700 and 2,500 Hz; FR 35-20,000 Hz; sens 90 dB SPL/W/m; imp 4 ohms. 9 x 35½ x 11½ in\$399

Classic 6 2-Way Speaker

Bass-reflex design with two 5¼-in woofers and one 1-in dome tweeter. Features computer-designed internal bracing. Power handling 100 W; crossover point 2,500 Hz; FR 40-20,000 Hz; sens 90 dB SPL/W/m; imp 4 ohms. 8 x 33¾ x 11½ in\$325

Classic 4. As above, but bookshelf version. Crossover point 2,200 Hz; FR 45-20,000 Hz. 8 x 18¾ x 9¾ in\$250

Cornet Series

The following feature an MDF cabinet, gold-plated terminals, and soft-dome tweeters with magnetic-oil cooling.

Cornet 100 IV 3-Way Speaker

Two 10-in woofers, one 5¼-in midrange, one 1-in tweeter. Biwire/biamp terminals. Power handling 200 W; crossover points 1,000 and 5,000 Hz; FR 30-20,000 Hz; sens 91 dB SPL/W/m; imp 4 ohms. 12½ x 37½ x 10½ in\$395

Cornet 90 IV. As above, 8-in woofers. Power handling 140 W; crossover points 800 and 4,000 Hz; FR 40-20,000 Hz. 10 x 34¾ x 10½ in\$339

Cornet 60 IV 3-Way Bookshelf Speaker

Bass-reflex design with 6½-in woofer, 3-in midrange, and 1-in tweeter. Power handling 80 W; crossover points 1,500 and 5,000 Hz; FR 47-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 9 x 16½ x 8¾ in\$159

Cornet 40 IV 2-Way Bookshelf Speaker

Bass-reflex design with 5¼-in woofer and 1-in tweeter. Power handling 60 W; crossover point 3,000 Hz; FR 50-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 7¼ x 12½ x 8¾ in\$120

JANIS

The following are available in a zebrawood, Brazilian rosewood, coca bola, American walnut, white oak, or black finish.

W1 Subwoofer

15-in driver. Features slot-loaded design with bass output derived from electromagnetically controlled Helmholtz resonator; 18-dB/oct crossover. Crossover point 100 Hz; FR 30-100 Hz ±1 dB. 22 x 22 x 18 in; 96 lb\$850-\$1,000
 With Interphase 3AT crossover\$1,450-\$1,600
 With Interphase 1A power amp\$1,645-\$1,795
W3. As W1, except with 12-in driver. 18 x 18 x 18 in; 66 lb\$600-\$750
 With Interphase 3AT crossover\$1,200-\$1,350
 With Interphase 1A power amp\$1,395-\$1,545
System 3A. W3 with Interphase 3A crossover and switchable amp rated at 50 W rms. Line-level output. Variable phase and gain controls. FR 2-1,000 Hz; THD 0.03% at 20 Hz; S/N 90 dB\$995-\$1,170

JBL

Synthesis One Powered THX Speaker System

Two subwoofers, each with 18-in driver; one center-channel speaker; two amplifiers providing 2,100 W total. Designed for room up to 21,000 cubic ft. Features THX certification for speakers and electronics. Compatibility with STC-1 touch-screen controller; magnetic center-channel shielding; on-screen programming; 2 remote controls\$41,500

Synthesis Two Powered THX Speaker System

Two subwoofers, each with 15-in driver; main speakers; center-channel speakers; two amplifiers providing 1,050 W total. Designed for room up to 14,000 cubic ft. Features THX certified speakers and electronics. Compatibility with STC-1 touch-screen controller; magnetic shielding for all speakers; on-screen programming; 2 remote controls\$28,500

Synthesis Three Powered THX Speaker System

2 shielded subwoofers, each with one 12-in driver; 2 shielded wedge-shaped front-channel speakers, each with two 6-in midranges, titanium-dome tweeter, and compression horn; choice of horizontal non-THX or vertical THX shielded center-

channel speaker; 2 dipole surround speakers, each with one horn on front and one horn on back; amp for surround speakers rated at 75 W x 2; bridgeable center-channel amp rated at 75 x 2; subwoofer amp rated at 150 x 2; amp for L/R front speakers rated at 150 x 2; surround processor with Dolby Pro Logic and THX modes; EQ/control package; interconnect package; 4-plug power sequencer to turn amplifiers on sequentially; remote control. Features cinema mode engaging two 6-in drivers and horn of front-channel speakers; music mode engaging one 6-in driver and titanium-dome tweeter of front-channel speakers. Black-ash finish\$18,900

HT Series THX Speaker System

Two subwoofers, each with one 12-in driver; 3 satellites; 2 dipole surround speakers. Features THX certification, pure-titanium tweeters; polymer-laminate midbasses and woofers. Magnetic shielding. Power handling 100 W; sens 91 dB subwoofer, 87 dB satellites or surrounds; imp 6 ohms subwoofer or surrounds, 8 ohms satellites. Subwoofer 21½ x 25¼ x 17½ in; 62 lb. Each satellite 17¼ x 10 x 8½ in; 21 lb. Each surround 13¾ x 9¼ x 7¼ in; 16 lb\$3,000

S3100 2-Way Speaker

15-in woofer, 1¾-in compression tweeter. Magnetic shielding. Power handling 400 W; sens 94 dB; imp 6 ohms. 22 x 43¼ x 16 in; 125 lb\$2,850
S2600. As above, 12-in woofer. Sens 92 dB. 22 x 38¾ x 16 in; 115 lb\$2,250

L7 4-Way Speaker

12-in Aquaplas woofer, 8-in midbass, 5-in mineral-filled polypropylene midrange, 1-in titanium-dome tweeter. Power handling 450 W; FR 30-27,000 Hz; sens 91 dB; imp 6 ohms. Black-ash veneer finish. 9¾ x 46 x 17¾ in; 75 lb\$1,000

PS120 Powered Subwoofer

12-in driver; 100-W amp. Line- and speaker-level inputs. Magnetic shielding; variable crossover; variable input gain; switchable polarity; auto turn-off. FR 23-250 Hz. Black vinyl finish. 15¼ x 19¼ x 9¾ in; 36 lb\$700

L5 4-Way Speaker

8-in woofer, 6½-in midbass, 5-in mineral-filled polypropylene midrange, 1-in titanium-dome tweeter. Power handling 350 W; FR 35-27,000 Hz; sens 90 dB; imp 6 ohms. Black-ash veneer finish. 9¾ x 36½ x 13 in; 54 lb\$670

PS100 Powered Subwoofer

10-in driver; 50-W amp. Line- and speaker-level inputs. Magnetic shielding; variable crossover; variable input gain; switchable polarity; auto turn-off. FR 30-250 Hz. Black vinyl finish. 13¼ x 17½ x 9¾ in; 32 lb\$600

PS60. As above, 6½-in driver. FR 32-250 Hz. 11 x 14 x 7¼ in; 19 lb\$480

PSW1200 Powered Subwoofer

12-in polymer-laminate driver; 120-W amp. Line- and speaker-level inputs; outputs for satellites. Variable input gain; phase-reverse switch; auto turn-off. Crossover point variable from 50-200 Hz; FR 23-200 Hz. Black vinyl finish. 21¼ x 13½ x 16¼ in; 43 lb\$500

PSW1000. As above, 10-in driver, 100-W amp. Crossover point variable from 90-150 Hz; FR 30-200 Hz. 18 x 11½ x 16¼ in; 36 lb\$400

L3 2-Way Speaker

8-in woofer, 1-in titanium-dome tweeter. Power handling 250 W; FR 35-27,000 Hz; sens 89 dB; imp 8 ohms. Black-ash veneer finish. 9¾ x 32¾ x 12 in; 37 lb\$450

Media4 2-Way Powered Computer Speaker

5-in woofer, 1-in tweeter. Subwoofer output. Volume control; remote turn-on/off. Power output 10 W/ch. 6¼ x 9¼ x 5½ in\$300/pr

S-4 2-Way In-Wall Speaker

6½-in polymer-laminate woofer, 1-in pure-titanium

dome tweeter. Includes mounting frame and hardware. Power handling 100 W; FR 125-22,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms. 8 1/4 x 12 x 3 1/2 in; 16 lb\$300/pr
S-4SPK2. As above but without mounting frame or hardware\$270/pr

L1 2-Way Bookshelf Speaker

6 1/2-in woofer, 1-in titanium-dome tweeter. Power handling 200 W; FR 47-27,000 Hz; sens 87 dB; imp 8 ohms. Black-ash veneer finish. 8 1/4 x 15 1/2 x 10 in; 16.5 lb\$300

Media Bass Powered Computer Subwoofer

6 1/2-in driver; 25-W amp. Line-level input. Variable crossover-point and volume controls; remote turn-on/off\$280

S-3 2-Way In-Wall Speaker

5 1/4-in polymer-laminate woofer, 1-in pure-titanium dome tweeter. Includes mounting frame and hardware. Power handling 100 W; FR 125-22,000 Hz; sens 86 dB SPL/W/m; imp 4 ohms. 7 1/4 x 10 1/2 x 3 1/2 in; 14 lb\$225/pr
S-3SPK2. As above but without mounting frame or hardware\$200/pr

Media3 2-Way Powered Computer Speaker

4-in woofer, 1 1/2-in tweeter. Dual inputs; subwoofer output; headphone jack. Volume, bass, and treble controls; remote turn-on/off. Power output 7 W/ch. 5 1/2 x 8 1/4 x 4 1/2 in\$200/pr

SC305 2-Way Center-Channel Speaker

Two 5-in polymer-laminate woofers, 1/2-in titanium-dome tweeter. Magnetic shielding. Power handling 100 W max; sens 87 dB; imp 8 ohms. Black vinyl finish. 6 1/2 x 20 x 7 in; 14 lb\$200

Media2 2-Way Powered Computer Speaker

3-in woofer, 1 1/2-in tweeter. Dual inputs; subwoofer output. Tiling cabinet; volume and bass-contour controls; remote turn-on/off. Power output 5 W/ch. 3 1/4 x 11 1/2 x 6 in\$160/pr

SoundEffects Series

SoundEffects Music 2 Subwoofer/Satellite System

Powered double-band-pass subwoofer with 100-W amp; 2 satellites, each with two 3 1/2-in midranges and one 3/4-in vapor-deposited titanium-dome tweeter. Features adjustable subwoofer level; magnetic satellite shielding. Power handling 120 W; FR 40-20,000 Hz ± 3 dB; sens 90 dB; imp 8 ohms. Gray. Subwoofer 30 x 10 1/4 x 8 1/2 in. Each satellite 14 1/2 x 4 1/2 x 6 in\$949

SoundEffects Music 1 Subwoofer/Satellite System

2 double-band-pass subwoofers; 2 satellites, each with 3 1/2-in midrange and 3/4-in vapor-deposited titanium-dome tweeter. Magnetic satellite shielding. Power handling 120 W; FR 40-20,000 Hz ± 3 dB; sens 88 dB; imp 8 ohms. Gray. Subwoofers 16 x 10 1/4 x 8 1/2 in. Each satellite 6 1/2 x 3 3/4 x 4 1/4 in\$869

SoundEffects Movies 2 Center/Surround System

Center-channel speaker with two 3 1/2-in midranges and one 3/4-in vapor-deposited titanium-dome tweeter; 2 surround speakers, each with two 3 1/2-in midranges and one 3/4-in vapor-deposited titanium-dome tweeter. Integrated mounting brackets. Power handling 70 W; FR 120-20,000 Hz ± 3 dB; imp 8 ohms. Center-channel or surround speaker 6 1/2 x 3 3/4 x 4 1/4 in\$599

SoundEffects Sat 2 2-Way Satellite Speaker

Two 3 1/2-in midranges, 3/4-in vapor-deposited titanium-dome tweeter. Features magnetic shielding; integrated bracket. Power handling 70 W; FR 120-20,000 Hz ± 3 dB; imp 8 ohms. 6 1/2 x 3 3/4 x 4 1/4 in\$399/pr

SoundEffects Movies 1 Center/Surround System

Center-channel speaker with 3 1/2-in midrange and 3/4-in vapor-deposited titanium-dome tweeter; 2 sur-

round speakers, each with 3 1/2-in driver. Includes brackets and table/bookshelf stands. Power handling 70 W; FR 120-20,000 Hz ± 3 dB; imp 8 ohms. Gray. Center channel 6 1/2 x 3 3/4 x 4 1/4 in. Each surround 6 1/2 x 7 x 8 in\$299

SoundEffects 2-Way Center-Channel Speaker

Two 3 1/2-in midranges, 3/4-in vapor-deposited titanium-dome tweeter. Magnetic shielding; integrated bracket. Power handling 70 W; FR 120-20,000 Hz ± 3 dB; imp 8 ohms. Gray. 6 1/2 x 3 3/4 x 4 1/4 in\$259

SoundEffects Surround Speaker

3 1/2-in driver. Includes bracket. Power handling 70 W; FR 120-20,000 Hz ± 3 dB; imp 8 ohms. Gray or white. 6 1/2 x 7 x 8 in\$129/pr

MR Series

The following feature a tuned port and a black-vinyl finish. Dome tweeters are vapor-deposited titanium.

MRCS-1. Two MRV308's, one MR Center, and two MR25's\$820

MRV310 3-Way Speaker

10-in woofer, 6 1/2-in midrange, 3/4-in dome tweeter. Magnetic shielding. Power handling 175 W; FR 40-20,000 Hz; sens 92 dB; imp 8 ohms. 11 1/4 x 36 x 12 in; 32 lb\$350

MRV308. As above, 8-in woofer. Power handling 150 W; FR 42-20,000 Hz. 10 x 32 1/4 x 12 in; 28 lb\$250

MR38. As MRV308, bookshelf version without magnetic shielding. FR 45-20,000 Hz. 10 x 24 x 12 in; 25 lb\$200

M28 2-Way Bookshelf Speaker

8-in woofer, 1/2-in dome tweeter. Power handling 125 W; FR 50-20,000 Hz; sens 90 dB; imp 8 ohms. 10 x 19 1/4 x 10 in; 18 lb\$150

MR26. As above, 6 1/2-in woofer. Power handling 100 W; FR 55-20,000 Hz; sens 88 dB. 8 1/2 x 15 x 10 in; 12 lb\$120

MR25. As MR26, 5-in woofer. Power handling 75 W; FR 70-20,000 Hz; sens 87 dB. 7 1/2 x 12 x 8 1/2 in; 8 lb\$90

MR Center 2-Way Center-Channel Speaker

Two 3 1/2-in woofers, one 1/2-in dome tweeter. Power handling 80 W; FR 80-20,000 Hz; sens 87 dB; imp 8 ohms. 14 1/4 x 5 1/4 x 6 1/2 in; 7 lb\$150

M5 2-Way Bookshelf Speaker

5-in woofer, 2-in cone tweeter. Power handling 50 W; FR 75-20,000 Hz; sens 86 dB; imp 8 ohms. 6 1/2 x 11 x 7 1/4 in; 7 lb\$70

CF Series

Woofers and midranges have polymer-laminate cones. The following are finished with black vinyl.

CF150 3-Way Speaker

15-in woofer, 4 1/2-in midrange, 3/4-in polycarbonate-dome tweeter. Power handling 325 W; sens 98 dB SPL/W/m; imp 8 ohms. 17 1/2 x 35 x 19 in; 62 lb\$500

CF120 3-Way Speaker

12-in woofer, 4 1/2-in midrange, 3/4-in titanium-laminate dome tweeter. Power handling 250 W; sens 96 dB SPL/W/m; imp 8 ohms. 16 1/2 x 32 1/2 x 15 in; 50 lb\$400

CF100. As above, 10-in woofer. Power handling 175 W; sens 94 dB SPL/W/m. 12 1/4 x 27 x 11 1/4 in; 32 lb\$300

LXE Series

The following feature polymer-laminate midranges and tweeters, a titanium-dome tweeter, and a black-vinyl finish.

LXE990 3-Way Bookshelf Speaker

10-in woofer, 5-in midrange, 1-in tweeter. Power handling 200 W; sens 92 dB; imp 8 ohms. 13 1/2 x 28 1/2 x 9 in; 33 lb\$430

LXE770. As above, 8-in woofer. Power handling 150 W; sens 91 dB. 12 1/4 x 26 x 9 in; 29 lb\$340

LXE550 2-Way Bookshelf Speaker

8-in woofer, 1-in tweeter. Power handling 140 W; sens 91 dB; imp 8 ohms. 12 1/4 x 23 1/4 x 9 in; 24 lb\$280

LXE330. As above, except with 6 1/2-in woofer. Power handling 125 W; sens 90 dB SPL/W/m. 9 1/4 x 17 1/4 x 6 1/4 in; 15 lb\$230

ProPerformer Series

The following feature magnetic shielding for use near a TV screen, are finished in black, and include mounting brackets.

Pro VIII 2-Way Bookshelf Speaker

6 1/2-in polymer-laminate woofer, 1-in titanium-dome tweeter. Features die-cast polypropylene-foam enclosure. Power handling 150 W max; sens 90 dB; imp 6 ohms. 9 1/2 x 15 x 9 1/2 in\$426/pr

Pro III-AW 2-Way Outdoor Speaker

5-in woofer, 1-in titanium tweeter. Power handling 100 W; sens 87 dB; imp 4 ohms. Black or white. 6 1/4 x 9 1/4 x 5 1/2 in; 6 lb\$330/pr

Pro III 2-Way Bookshelf Speaker

5-in polymer-laminate woofer, 1-in titanium-dome tweeter. Features die-cast polypropylene-foam enclosure. Power handling 100 W; FR 65-27,000 Hz; sens 87 dB; imp 4 ohms. 6 1/4 x 9 1/4 x 5 1/2 in\$300/pr

ProPerformer Satellite Speaker

4 1/2-in treated-fiber full-range driver. Includes mounting hardware. Power handling 60 W; FR 100-18,000 Hz; sens 88 dB; imp 6 ohms. 6 x 6 1/4 x 5 1/2 in; 4 lb\$150/pr

A/VP3 2-Way Center-Channel Speaker

5-in polymer-laminate woofer and 1-in titanium-dome tweeter. Features die-cast polypropylene-foam enclosure. Includes wall-mounting accessories. Power handling 100 W; FR 65-27,000 Hz; sens 87 dB; imp 4 ohms. 6 1/4 x 9 1/4 x 5 1/2 in; 12.5 lb\$170

J Series

The following feature a tuned port and a black-vinyl finish. Dome tweeters are vapor-deposited titanium.

J1000MV 3-Way Speaker

10-in woofer, 6 1/2-in midrange, 3/4-in dome tweeter. Magnetic shielding. Power handling 175 W; FR 40-20,000 Hz; sens 92 dB; imp 8 ohms. 11 1/4 x 36 x 12 in; 32 lb\$350

J900MV. As above, except with 8-in woofer. Power handling 150 W; FR 42-20,000 Hz. 10 x 32 1/4 x 12 in; 28 lb\$250

J830M 3-Way Bookshelf Speaker

8-in woofer, 6 1/2-in midrange, 3/4-in dome tweeter. Power handling 150 W; FR 45-20,000 Hz; sens 92 dB; imp 8 ohms. 10 x 24 x 12 in; 25 lb\$200

J820M 2-Way Bookshelf Speaker

8-in woofer, 1/2-in dome tweeter. Power handling 125 W; FR 50-20,000 Hz; sens 90 dB; imp 8 ohms. 10 x 19 1/4 x 10 in; 18 lb\$150

J620M. As above, 6 1/2-in woofer. Power handling 100 W; FR 55-20,000 Hz; sens 88 dB. 8 1/2 x 15 x 10 in; 12 lb\$120

JCenter 2-Way Center-Channel Speaker

Two 3 1/2-in woofers, 1/2-in dome tweeter. Power handling 80 W; FR 80-20,000 Hz; sens 87 dB; imp 8 ohms. 14 1/4 x 5 1/4 x 6 1/2 in; 7 lb\$150

J520M 2-Way Bookshelf Speaker

5-in woofer, 1/2-in dome tweeter. Power handling 75 W; FR 70-20,000 Hz; sens 87 dB; imp 8 ohms. 7 1/2 x 12 x 8 1/2 in; 8 lb\$90

J50 2-Way Bookshelf Speaker

5-in woofer, 2-in cone tweeter. Power handling 50 W; FR 75-20,000 Hz; sens 86 dB; imp 8 ohms. 6 1/2 x 11 x 7 1/4 in; 7 lb\$70

JENSEN

CS315 3-Way Speaker

Bass-reflex design with 15-in woofer, 5-in cone midrange, and 3-in tweeter. Power handling 80 W cont; FR 41-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Oak finish. 17 1/4 x 34 x 11 1/4 in \$160
CS312. As above, 12-in woofer. Power handling 60 W cont; FR 46-20,000 Hz; sens 92 dB SPL/W/m. 14 1/4 x 31 1/2 x 9 1/4 in \$200/pr
CS310. As CS312, 10-in woofer. Power handling 50 W cont; FR 48-20,000 Hz; sens 91 dB SPL/W/m. 12 1/2 x 28 x 9 1/4 in \$140/pr

CS308 3-Way Speaker

Bass-reflex design with two 8-in woofers and one 3-in tweeter. Power handling 60 W cont; FR 45-20,000 Hz; sens 94 dB SPL/W/m; imp 6 ohms. Oak finish. 10 1/2 x 38 x 13 in \$150

Model 1525 2-Way Outdoor Speaker

5/4-in polypropylene woofer, 2-in polypropylene tweeter. Features weather resistance; polystyrene cabinet. Power handling 30 W cont; FR 80-20,000 Hz; sens 89 dB SPL/W/m; imp 6 ohms. Black. 6 1/2 x 10 1/2 x 5 1/2 in \$100/pr

CS265 2-Way Bookshelf Speaker

6 1/2-in woofer, 3-in ferrofluid-filled cone tweeter. Power handling 50 W cont; FR 60-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Oak finish. 9 x 16 1/2 x 6 1/2 in \$100/pr

CS225 2-Way Center-Channel Speaker

Two 5-in woofers, one 2-in tweeter. Magnetic shielding. Power handling 50 W cont; FR 70-20,000 Hz; sens 94 dB SPL/W/m; imp 8 ohms. Black-ash vinyl finish. 17 1/2 x 5 1/4 x 5 1/4 in \$100

CS205 Surround Speaker

4 1/4-in full-range driver. Includes wall-mount bracket. Power handling 30 W rms; FR 130-13,000 Hz; sens 89 dB; imp 8 ohms. Black-ash vinyl finish. 6 1/2 x 9 x 4 1/4 in \$49/pr

Multimedia Speakers

The following are designed for multimedia computers and feature magnetic shielding.

JPS45 2-Way Powered Mini Speaker System

2 speakers, each with 3 1/2-in woofer and 2-in tweeter; amp rated at 10 W x 2. Headphone jack. Bass, treble, balance, and volume controls. FR 120-20,000 Hz -3 dB. Computer gray \$129/pr
JPS46. As above, black \$129/pr

JPS35 Powered Mini Speaker System

2 speakers, each with 3 1/2-in full-range driver; amp rated at 5 W x 2. Bass, treble, balance, and volume controls. FR 120-20,000 Hz -3 dB. Computer gray \$79/pr
JPS36. As above, black \$79/pr

JPS25 Powered Mini Speaker System

2 speakers, each with 2 1/2-in driver; amp rated at 3.5 W x 2. Bass, treble, balance, and volume controls. Operates on 4 C batteries. FR 280-20,000 Hz -3 dB. Computer gray \$49/pr

JM LAB

Alcor 3-Way Speaker

Bass-reflex front-port design with one 12-in poly-Kevlar woofer, two 5 1/4-in poly-Kevlar cone midranges, and one 1-in inverted-dome tweeter. Features 18-dB/oct crossover; tweeter phase cone. Power handling 300 W max; crossover point 300 and 2,500 Hz; FR 27-25,000 Hz; sens 92.5 dB SPL/W/m; imp 4 ohms. Anigre/black lacquer finish. 15 1/2 x 48 x 18 1/2 in; 187 lb \$11,000/pr

Antea 3-Way Speaker

Bass-reflex front-port design with 10-in poly-Kevlar woofer, 5 1/4-in poly-Kevlar cone midrange, and 1-in inverted-dome tweeter. Features 18-dB/oct crossover slopes. 4 gold-plated binding posts. Power han-

dling 200 W max; crossover point 400 and 3,000 Hz; FR 32-25,000 Hz; sens 92 dB SPL/W/m; imp 4 ohms. Anigre/black lacquer finish. 13 1/2 x 44 x 16 1/2 in; 112.2 lb \$6,495/pr

Spectral 913.1 3-Way Speaker

Double bass-reflex rear-port design with two 8 1/4-in poly-Kevlar woofers, one 5-in poly-Kevlar cone midrange, and one 1-in inverted-dome tweeter. Features 18 dB/oct crossover slopes. 4 gold-plated binding posts. Power handling 250 W max; crossover points 500 and 3,500 Hz; FR 35-25,000 Hz; sens 93.5 dB SPL/W/m; imp 4 ohms. Anigre/black lacquer finish. 11 1/2 x 44 1/2 x 14 1/2 in; 85.8 lb \$4,295/pr
Spectral 908.1. As above, single bass-reflex design with two 7-in woofers and one 4 1/4-in midrange. Power handling 175 W max; crossover points 600 and 3,500 Hz; FR 40-23,000 Hz; sens 92.5 dB SPL/W/m. 10 x 39 1/2 x 12 1/2 in; 66 lb \$3,295/pr

Daline 6.1 3-Way Speaker

6-in polyglass woofer, 6-in polyglass cone midrange, 1-in inverted-dome tweeter. Features phase tweeter cone; 6-dB/oct woofer slope; 18-dB/oct midrange and tweeter slopes. Power handling 175 W max; crossover points 500 and 3,000 Hz; FR 35-23,000 Hz -3 dB; sens 90 dB SPL/W/m; imp 6 ohms. Auburn or black satin lacquer finish. 8 x 45 1/4 x 10 1/4 in; 48.4 lb \$2,295/pr

PS-5.1 2-Way Bookshelf Speaker

Bass-reflex rear-port design with two 5 1/4-in poly-Kevlar woofers and one 1-in inverted-dome tweeter. Features D'Appolito configuration; 18-dB/oct slopes. 4 gold-plated binding-posts. Power handling 100 W max; crossover point 2,600 Hz; FR 60-23,000 Hz; sens 91.5 dB SPL/W/m; imp 4 ohms. Auburn or black satin finish. 8 1/2 x 18 1/2 x 10 1/4 in; 24.2 lb \$2,095/pr
 Light or dark maple finish \$2,495/pr
PS-2.1. As above, single woofer. Power handling 75 W max; sens 88.5 dB SPL/W/m. Auburn or black satin finish. 8 x 12 x 10 1/4 in; 15.4 lb \$1,495/pr
 Light or dark maple finish \$1,795/pr

SW-31A Powered Subwoofer

Sealed design with 12-in polyglass driver; amp rated at 160 W. FR 30-160 Hz. Auburn or black satin finish. 27 1/4 x 16 x 19 1/4 in; 77 lb \$1,995
SW-26A. As above, 8-in driver, amp rated at 100 W. FR 40-160 Hz. 20 x 10 1/2 x 14 in; 38.5 lb \$1,095

Profil 7 3-Way Speaker

Bass-reflex front-port design with 7-in polyglass woofer, 7-in polyglass-cone midrange, and 1-in Kevlar inverted-dome tweeter. Features D'Appolito symmetrical design. Power handling 150 W max; crossover points 300 and 3,500 Hz; FR 45-20,000 Hz; sens 92 dB SPL/W/m; imp 4 ohms. Paldao or black-ash vinyl finish. 9 1/4 x 39 1/4 x 9 1/4 in; 38.5 lb \$1,795/pr
 Auburn finish. 41.8 lb \$1,895/pr

Chorus 2-Way Surround Speaker

Bass-reflex single-port design with two 5-in polyglass woofers and two 1-in inverted-dome tweeters. Designed for side wall mounting. Features single woofer and single tweeter paired on angled baffle. Power handling 120 W max; crossover point 3,000 Hz; FR 70-20,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms. Auburn or black satin finish. 17 x 12 x 7 1/2 in; 24.2 lb \$1,695/pr

Danile 3.1 2-Way Speaker

Rear-port bass-reflex design with 5 1/4-in dual-voice-coil woofer and 1-in inverted-dome tweeter cone; 18-dB/oct filter slopes. Power handling 75 W max; crossover point 3,000 Hz; FR 35-25,000 Hz -3 dB; sens 89 dB SPL/W/m; imp 4 ohms. Black-ash vinyl finish. 6 1/2 x 38 1/2 x 8 1/2 in; 34.1 lb \$1,350/pr
 Auburn finish \$1,550/pr

Profil 5B 2-Way Speaker

Bass-reflex front-port design with two 5 1/4-in polyglass woofers and one 1-in Kevlar inverted-dome tweeter. Features D'Appolito symmetrical driver configuration. Power handling 120 W max; crossover point 3,000 Hz; FR 48-20,000 Hz; sens 92 dB SPL/W/m; imp 4 ohms. Paldao or black-ash vinyl fin-

ish. 7 1/2 x 36 x 7 1/2 in; 26 lb \$1,295/pr
 Auburn finish. 27.2 lb \$1,495/pr
Profil 3. As profil 5B, 5-in woofers. Power handling 75 W max; FR 52-20,000 Hz; sens 91 dB SPL/W/m. Black-ash vinyl finish. 7 1/2 x 33 x 7 1/2 in; 23.1 lb \$995/pr

Opal 29 3-Way Speaker

Bass-reflex front-port design with 8 1/4-in polyglass woofer, 8 1/4-in polyglass-cone midrange, and 1-in Kevlar inverted-dome tweeter. Biwire/biamp terminals. Power handling 150 W max; crossover points 150 and 3,500 Hz; FR 47-20,000 Hz; sens 93 dB SPL/W/m; imp 4 ohms. Paldao or black-ash vinyl finish. 11 x 25 1/2 x 12 1/2 in; 30.8 lb \$1,295/pr

Opal 19 2-Way Speaker

Bass-reflex front-port design with 8 1/4-in polyglass woofer and 1-in Kevlar inverted-dome tweeter. Power handling 100 W max; crossover point 3,500 Hz; FR 52-20,000 Hz; sens 93.5 dB SPL/W/m; imp 4 ohms. Paldao or black-ash vinyl finish. 11 x 22 x 12 1/2 in; 24.2 lb \$1,050/pr
Opal 9. As above, 7-in woofer. Power handling 85 W max; sens 92 dB SPL/W/m. 10 x 20 x 11 1/4 in; 22 lb \$850/pr

Megane Carat 2-Way Speaker

Bass-reflex rear-port design with 7 1/4-in dual-voice-coil poly-Kevlar woofer and 1-in inverted-dome tweeter. Features 24-dB/oct crossover. Power handling 85 W max; crossover point 3,500 Hz; FR 55-23,000 Hz -3 dB; sens 91 dB SPL/W/m; imp 6 ohms. Black-ash or walnut veneer finish. 9 1/4 x 15 1/2 x 10 1/2 in; 18.7 lb \$1,005/pr

Centris 2-Way Center-Channel Speaker

Bass-reflex design with two 6-in polyglass woofers and one 1-in inverted-dome tweeter. Features MDF cabinet. Magnetic shielding. Power handling 150 W max; crossover point 3,000 Hz; FR 50-23,000 Hz; sens 91 dB SPL/W/m; imp 4 ohms. Auburn or black finish. 22 x 10 x 10 1/2 in; 31 lb \$795

Micron Carat 2-Way Bookshelf Speaker

Bass-reflex rear-port design with 5 1/4-in dual-voice-coil Neoflex woofer and 1-in inverted-dome tweeter. Features 18-dB/oct crossover. 4 gold-plated binding posts or banana plugs. Biwiring optional. Power handling 65 W max; crossover point 3,000 Hz; FR 60-23,000 Hz -3 dB; sens 88.5 dB SPL/W/m. Black-ash vinyl finish. 7 1/2 x 12 x 8 in \$695/pr
 Walnut veneer finish \$850/pr
 Auburn finish \$850/pr

Symbol II 2-Way Bookshelf Speaker

Bass-reflex front-port design with 7 1/4-in dual-voice-coil woofer and 1-in polycarbonate-dome tweeter. Features 6-dB/oct crossover. Gold-plated 3-way binding posts. Power handling 80 W max; crossover point 3,800 Hz; FR 60-19,000 Hz -3 dB; sens 91 dB SPL/W/m; imp 8 ohms. Black-ash vinyl finish. 9 x 16 1/2 x 10 in. 15.4 lb \$650/pr

Elite 2-Way Satellite Speaker

Sealed design with 4 1/4-in woofer and 1-in tweeter. Features MDF cabinet. Power handling 50 W max; crossover point 4,500 Hz; FR 100-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Auburn or black satin finish. 6 1/2 x 9 x 3 1/2 in; 4.8 lb \$595/pr

Symbol I 2-Way Bookshelf Speaker

Bass-reflex front-port design with 6 1/2-in woofer and 1-in polycarbonate-dome tweeter. Features 6-dB/oct crossover. Gold-plated 3-way binding posts. Power handling 70 W max; crossover point 3,800 Hz; FR 65-19,000 Hz -3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black-ash vinyl finish. 8 x 13 1/2 x 9 in; 11 lb \$495/pr

Axis 2-Way Center-Channel Speaker

Bass-reflex design with 5 1/4-in woofer and 1-in tweeter. Features MDF cabinet. Magnetic shielding. Power handling 65 W max; crossover point 3,500 Hz; FR 60-20,000 Hz; sens 89 dB SPL/W/m; imp 6 ohms. Auburn or black satin finish. 17 x 6 1/2 x 5 1/2 in; 11 lb \$395

JOSEPH AUDIO

RM50si 3-Way Speaker

10-in woofer, 5-in Hexacone midrange, 1 1/4-in soft-dome tweeter. Features patented infinite-slope crossover with 120-dB/oct slope at 2,000 Hz and 50-dB/oct slope at 120 Hz; Cardas internal wiring; isolated midrange chamber. Gold biwire/biamp terminals. FR 20-20,000 Hz ± 1.5 dB; sens 88 dB SPL/W/m; imp 8 ohms. 13 x 46 x 20 in; 110 lb\$5,999/pr

RM30si 3-Way Speaker

8-in polypropylene woofer, 10-in passive radiator, 5-in Hexacone midrange, 1-in soft-dome tweeter. Features patented infinite-slope crossover with 120-dB/oct slope at 2,000 Hz and 50-dB/oct slope at 120 Hz; Cardas internal wiring; isolated midrange chamber. Gold-plated biwire/biamp terminals. FR 28-20,000 Hz ± 2 dB; sens 88 dB SPL/W/m; imp 8 ohms. 12 x 40 x 15 in; 100 lb\$3,999/pr

RM20ti 2-Way Speaker

8-in polypropylene woofer, 1-in titanium-dome tweeter. Features patented infinite-slope crossover with 120-dB/oct slope at 2,000 Hz; dynamic bass damping; Cardas internal wiring. Biwire/biamp terminals. FR 38-20,000 Hz ± 2 dB; sens 89 dB SPL/W/m; imp 8 ohms. 11 x 36 x 13 in; 62 lb\$2,099/pr

RM7si 2-Way Bookshelf Speaker

6 1/2-in glass-fiber woofer, 1-in silk-dome tweeter. Features patented infinite-slope crossover with 120-dB/oct slope at 2,000 Hz; Cardas internal wiring. Biwire/biamp terminals. FR 55-20,000 Hz ± 2 dB; sens 86 dB SPL/W/m; imp 8 ohms. 9 x 15 x 12 in; 25 lb\$1,299/pr

JPW

AP3 2-Way Speaker

Infinite-baffle design with 8-in doped-paper woofer and 3/4-in ferrofluid-cooled plastic soft-dome tweeter. Biwire/biamp terminals. Power handling 100 W cont; FR 5-20,000 Hz ± 3 dB; sens 100 dB SPL/W/m; imp 8 ohms. Walnut, black-ash, or blond-ash finish. 10 x 20 x 11 in; 26 lb\$695/pr

AP2. As above, power handling 80 W cont, FR 65-20,000 Hz ± 3 dB, sens 80 dB SPL/W/m. 10 x 17 x 10 in; 21 lb\$525/pr

P1. As AP2, no biwire terminals. Power handling 70 W cont; sens 90 dB SPL/W/m. 17 lb\$450/pr

JPW Subwoofer/Satellite System

Subwoofer with two 8 1/2-in polypropylene drivers; 2 satellites, each with 4-in paper woofer and 1/2-in ferrofluid-damped dome tweeter. Power handling 80 W cont subwoofer, 70 W cont satellite; FR 30-150 Hz subwoofer, 90-20,000 ± 3 dB Hz satellite; sens 95 dB SPL/W/m subwoofer, 85 dB SPL/W/m satellite; imp 8 ohms/driver subwoofer, 8 ohms satellite. Black or white vinyl finish. Subwoofer 20 1/2 x 10 x 10 1/2 in. Each satellite 5 1/2 x 9 1/4 x 4 1/4 in\$595
Subwoofer only. Crossover at 150 Hz\$375
Satellite only\$220/pr

Sonata Plus 2-Way Bookshelf Speaker

6 1/2-in paper-cone woofer, 1-in ferrofluid-cooled aluminum-dome tweeter. Biwire/biamp terminals. Power handling 70 W cont; FR 70-20,000 Hz ± 3 dB. Walnut-ash, black-ash, or blond finish. 9 x 13 x 8 1/2 in; 11 lb\$395/pr

Sonata 2-Way Bookshelf Speaker

6 1/2-in paper-cone woofer, 1/2-in ferrofluid-cooled dome tweeter. Power handling 70 W cont; FR 70-20,000 Hz ± 3 dB. Walnut, blond-ash, or black-ash finish. 9 x 13 x 8 1/2 in; 10 lb\$335/pr

Minim 2-Way Bookshelf Speaker

5-in paper-cone woofer, 1/2-in ferrofluid-cooled dome tweeter. Biwire/biamp terminals. Power handling 70 W cont; FR 70-20,000 Hz ± 3 dB. Black vinyl finish. 7 x 7 x 8 in; 6 lb\$250/pr
Above with magnetic shielding\$145

Ruby Series

Ruby 4 2-Way Speaker

Infinite-baffle design with two 7-in anodized-aluminum cone woofers and one 1-in aluminum-dome tweeter. Features OFC internal wiring; aluminum woofer phase caps; rear-damped tweeter chamber; compartment for mass loading; MDF cabinet with internal bracing. Gold-plated biwire/biamp binding posts. Power handling 200 W; FR 45-22,000 Hz; sens 89 dB SPL/W/m; imp 6 ohms. Rosewood finish. 8 1/2 x 35 1/2 x 10 1/4 in\$3,450/pr
Walnut, black-ash, or oak finish\$2,895/pr

Ruby 3. As Ruby 4, 5-in woofers. Power handling 150 W; FR 55-22,000 Hz; sens 87 dB SPL/W/m. 7 1/2 x 29 1/2 x 8 1/2 in\$2,750/pr
Walnut, black-ash, or oak finish\$2,295/pr

Ruby 2 2-Way Bookshelf Speaker

Bass-reflex design with 7-in anodized-aluminum cone woofer and 1-in ferrofluid-damped aluminum-dome tweeter. Features OFC internal wiring; aluminum woofer phase plug; MDF cabinet. Gold-plated biwire/biamp terminals. Power handling 150 W; FR 50-22,000 Hz; sens 88 dB SPL/W/m; imp 6 ohms. Rosewood finish. 8 1/2 x 17 x 9 1/2 in\$1,850/pr
Walnut, black-ash, or oak finish\$1,595/pr

Ruby 1. As Ruby 2, 5-in woofer. Power handling 120 W; FR 55-22,000 Hz; sens 87 dB SPL/W/m. 7 1/2 x 12 1/2 x 8 1/2 in\$1,250/pr
Walnut, black-ash, or oak finish\$1,095/pr

HS2. Mass-loadable stand for Ruby 2 above. 17 1/2-in height\$300/pr

HS1. Mass-loadable stand for Ruby 1 above. 23 1/2-in height\$300/pr

JRM ENGINEERING

Reference 4-Way Powered Speaker System

Two subwoofers, each with 18-in driver; two satellites, each with four 8-in midbasses, one horn midrange, and one horn tweeter; two 750-W mono power amps; preamp; 6-band remote EQ; 4-way active crossover\$21,600

Monitor Powered Subwoofer/Satellite System

Subwoofer with 15-in driver; 2 satellites, each with 8-in midbass, 3-in midrange, and horn tweeter; 7-way active crossover; seven amps rated at 350 W into 2 ohms. Time-aligned drivers; protection circuitry. 7 level controls. FR 18-20,000 Hz\$7,200
Above with two subwoofers\$9,540

D15A-5 Powered Subwoofer

Proprietary alignment with two 15-in drivers; amp rated at 500 W x 1 cont avg. Features 2-way active crossover with bass/midbass EQ. FR 19-300 Hz. 10-cubic-ft box\$2,700

S18B-5 Powered Subwoofer

Proprietary alignment with 18-in driver; amp rated at 200 W x 1 cont avg. Features 2-way active crossover with bass/midbass EQ. FR 20-200 Hz. 8-cubic-ft box\$2,500

S15A-5. As above, except with 15-in driver. FR 20-250 Hz\$2,340

S18B Subwoofer

QB3 vented design with 18-in driver. Power handling 200 W; sens 95 dB SPL/W/m; imp 8 ohms. 8-cubic-ft box; 150 lb\$1,260

S15A. As above, 15-in driver. FR 30-300 Hz ± 1.5 dB; sens 92 dB SPL/W/m. Optional finish. 6-cubic-ft box; 130 lb\$1,125

JVC

SXSW9 Subwoofer/Satellite System

Subwoofer with 5-in Kelton-type driver; 2 acoustic-suspension satellites, each with 4-in cone woofer and 1-in soft-dome tweeter. 3-yr carry-in parts-and-service warranty\$500

SPXS6BK Surround Speaker

Furniture-like column design with 5-in driver. 3-yr carry-in parts-and-service warranty\$180/pr

KEF

KEF's Uni-Q drivers feature an integral, center-mounted tweeter.

Model Four 4-Way Speaker

Two 10-in woofers, two 6 1/2-in midbasses, and one 6 1/2-in midrange with 1-in silk-dome tweeter combined in Uni-Q assembly. Features woofers in dual coupled cavity with interport and joined by force-canceling rod. Gold-plated biwire/biamp terminals. Crossover points 160, 500, and 2,800 Hz; FR 35-20,000 Hz ± 3 dB; sens 92 dB; imp 4 ohms. Black-ash finish. 12 x 48 x 16 in; 108 lb\$5,000/pr

LS3/5a 2-Way Speaker

Sealed design with 5-in Plastiflex doped Bextrene cone woofer and 3/4-in Mylar-dome tweeter. Power handling 75 W max; sens 82.5 dB; imp 11 ohms. Santos rosewood finish\$1,650/pr
As above, teak finish\$1,450/pr

Coda 9 3-Way Speaker

6 1/2-in coated-paper woofer, 6 1/2-in coated-paper midrange, 1-in soft-dome tweeter. Woofer in coupled cavity enclosure; tweeter in vented enclosure. Power handling 125 W max; FR 40-20,000 Hz; sens 91 dB; imp 6 ohms. Black-ash finish. 7 1/2 x 32 1/2 x 11 1/2 in\$225

Coda 8 2-Way Bookshelf Speaker

Vented design with 6 1/2-in coated-paper woofer and 1-in soft-dome tweeter. Power handling 100 W max; FR 45-20,000 Hz; sens 91 dB; imp 6 ohms. Black-ash finish. 7 1/2 x 12 1/2 x 11 1/2 in\$150

Coda 7 2-Way Bookshelf Speaker

Vented design with 5 1/2-in coated-paper woofer and 1-in soft-dome tweeter. Power handling 70 W max; FR 48-20,000; sens 91 dB; imp 6 ohms. Black-ash finish. 7 1/2 x 11 1/2 x 9 1/2\$110

Reference Series

Model 107/2 3-Way Speaker

Two woofers in main enclosure; polypropylene-cone midrange and 1-in ferrofluid-cooled aluminum-dome tweeter in attached rotating-head assembly; KUBE 107/2 active EQ with low- and high-frequency contour controls. Features twin coupled-cavity bass loading with force canceling rod connecting woofer magnets; internal woofer-enclosure dividing panels for stiffening; midrange/tweeter head assembly with mineral-loaded polymer for resonance control; connection of bass and midrange/tweeter assemblies via gold-plated XLR connectors. Biwire/biamp terminals. Power handling 300 W; FR 20-20,000 Hz ± 2 dB; imp 4 ohms. Santos rosewood finish. EQ 6 1/2 x 2 1/2 x 9 1/2 in; 2.9 lb. Speaker 13 x 46 x 17 1/2 in; 99 lb\$7,500/pr

Model Three 4-Way Speaker

Two 8-in woofers, one 6 1/2-in midrange, one 1-in silk-dome tweeter combined with 6 1/2-in woofer in Uni-Q assembly. Features twin coupled-cavity bass loading with force canceling rod connecting woofer magnets. Gold-plated biwire/biamp terminals. Crossover points 150, 400, and 3,000 Hz; FR 40-20,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 4 ohms. Rosetta Burr finish. 11 x 45 x 16 in; 90 lb\$3,300/pr
Black-ash finish\$3,000/pr

Model 104/2 3-Way Speaker

Two woofers, two midranges, one ferrofluid-cooled tweeter. Features subchassis for midranges and tweeter; twin coupled-cavity bass loading with force canceling rod connecting woofer magnets; dividing network with load-matching elements to make impedance flat and resistive. Biwire/biamp terminals. Power handling 200 W; FR 35-20,000 Hz ± 2 dB with KUBE 200; sens 92 dB SPL/W/m; imp 4 ohms. Black-ash finish. 11 x 35 1/2 x 16 1/2 in; 70.5 lb\$3,200/pr
KUBE 200. EQ to extend FR down to 20 Hz\$400

Model Two 3-Way Speaker

Two 6 1/2-in woofers, 1-in silk-dome tweeter combined with 6 1/2-in woofer in Uni-Q assembly. Features twin coupled-cavity bass loading with force canceling rod connecting woofer magnets. Gold-plated biwire/

biamp terminals. Crossover points 150 and 3,000 Hz; FR 45-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 4 ohms. Rosetta Burr finish. 9 x 40 x 14 in; 50 lb\$2,500/pr
Black-ash finish\$2,300/pr
Model One. As Model Two, single woofer in single coupled cavity. Crossover points 130 and 3,000 Hz; FR 55-20,000 Hz ± 3 dB; sens 89 dB SPL/W/m. 9 x 35 x 14 in; 40 lb\$1,800/pr
Black-ash finish\$1,600/pr

Model 102/2 2-Way Bookshelf Speaker

3 drivers including Uni-Q. Gold-plated biwire/biamp terminals. Magnetic shielding. Power handling 150 W; FR 50-20,000 Hz ± 2.5 dB; sens 89 dB; imp 4 ohms. Black-ash or rosewood finish. 8 1/2 x 19 1/4 x 10 1/4 in; 24.2 lb\$600

Model 100 2-Way Center-Channel Speaker

Vented design with 1-in ferrofluid-cooled soft-dome tweeter within 6 1/2-in woofer. Features twin-ported bass loading. Magnetic shielding. Power handling 175 W; FR 70-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 6 ohms. Gray. 18 x 6 1/2 x 6 1/4 in; 11.5 lb\$500

Model 101/3 2-Way Bookshelf Speaker

Vented design with 2 drivers including Uni-Q. Gold-plated biwire/biamp terminals. Magnetic shielding. Power handling 150 W; FR 60-20,000 Hz ± 2.5 dB; sens 87 dB; imp 4 ohms. Black-ash or rosewood finish. 8 1/2 x 13 x 10 1/4 in; 15.8 lb\$400

Model 90SE 2-Way Center-Channel Speaker

Single-reflex design with 3/4-in ferrofluid-cooled soft-dome tweeter within 6 1/2-in woofer in Uni-Q assembly. Magnetic shielding. Horizontal/vertical bracket mount. Power handling 150 W; FR 80-20,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 6 ohms. Gray. 15 1/2 x 6 1/4 x 6 1/4 in; 8.6 lb\$300

Reference A/V Series

THX System Rosewood. Rosewood AV1, two gray AV2's, three black-ash AV3's\$7,200
THX System Black Ash. As above, except with black-ash AV1\$7,000

AV1 Powered THX Subwoofer

Two 10-in drivers; 400-W amp. Features THX mode; coupled-cavity design with force canceling rod joining driver magnets. Balanced-XLR and unbalanced-RCA inputs; speaker-level inputs; line-level output filtered below 100 Hz; unfiltered line-level output. Blend control for phase compensation relative to satellites; variable input level and low-pass crossover point. FR 22-150 Hz ± 3 dB stereo. Rosewood finish. 22 x 16 1/4 x 19 1/4 in; 102 lb\$3,700
Black-ash finish\$3,500

Model 40B Powered Subwoofer

Two 8-in paper drivers; 150-W amp. Features twin coupled-cavity bass loading with force canceling rod connecting woofer magnets; mechanical excursion-limit protection; proprietary bass-extension circuitry. Magnetic shielding; variable level and crossover-point controls; phase control. Crossover point variable from 50-120 Hz; FR 35-150 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 4 ohms. 7 1/2 x 22 1/4 x 11 in; 63.6 lb\$1,200

AV3 2-Way THX Speaker

Sealed design with two 6 1/2-in polypropylene woofers and three 1-in fluid-cooled soft-dome tweeters. Features THX certification; phased-array tweeter configuration. Gold-plated terminals. Magnetic shielding. Power handling 150 W; crossover point 3,000 Hz; FR 80-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 4 ohms. Gray. 9 1/2 x 22 1/2 x 7 1/2 in; 28 lb\$800

AV2 3-Way THX Surround Speaker

Bass-reflex, dipole design with one 5-in polypropylene woofer, two 4-in paper-cone midranges, and two 1-in fluid-cooled soft-dome tweeters. Features THX certification. Gold-plated terminals. Power handling 300 W; crossover points 400 and 3,000 Hz; FR 125-8,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 4 ohms. Gray. 12 1/4 x 10 1/4 x 5 1/2 in; 13.2 lb\$750

Model 70S 2-Way Surround Speaker

Sealed design with 3/4-in fluid-cooled soft-dome tweeter within 6 1/2-in woofer in Uni-Q assembly. Features Injection-molded structural-foam enclosure. Gold-plated terminals. Magnetic shielding; wall, stand, or bracket mount. Power handling 100 W; FR 120-20,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 6 ohms. Gray. 6 1/4 x 10 x 4 1/4 in; 6.8 lb\$500/pr

Q Series

The following feature magnetic shielding.

Q70 3-Way Speaker

Bass-reflex design with two 6 1/2-in woofers and one 3/4-in tweeter within 6 1/2-in woofer in Uni-Q assembly. Features 13-element crossover. Gold-plated biwire/biamp terminals. Power handling 175 W; FR 45-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 6 ohms. Black-ash or gray finish. 7 1/2 x 40 x 10 1/4 in; 37.2 lb\$600

Q50 3-Way Speaker

6 1/2-in woofer, 3/4-in tweeter combined with 6 1/2-in woofer in Uni-Q assembly. Features 2 reflex ports. Gold-plated terminals. Power handling 150 W; FR 45-20,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 6 ohms. Black-ash, mahogany, or gray finish. 7 1/2 x 31 1/2 x 10 1/4 in; 24.3 lb\$400

Q30 2-Way Speaker

Reflex-loaded design with 3/4-in tweeter combined with 6 1/2-in woofer in Uni-Q assembly. Gold-plated terminals. Power handling 125 W; FR 50-20,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 6 ohms. Black-ash, mahogany, or gray finish. 7 1/2 x 26 1/4 x 10 1/4 in; 20.5 lb\$300

Q10 2-Way Bookshelf Speaker

Reflex-loaded design with 3/4-in tweeter combined with 6 1/2-in woofer in Uni-Q assembly. Gold-plated terminals. Power handling 100 W; FR 60-20,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 6 ohms. Black-ash or gray finish. 7 1/2 x 10 x 9 1/2 in; 10.6 lb\$175

Custom In-Wall Series

Ci-200QT 2-Way Ceiling Speaker

8-in Kevlar-composite woofer and 1-in soft-dome tweeter in Uni-Q configuration. Motor-driven tilt-down ceiling-mount housing for retractable operation. Power handling 150 W max; crossover point 3,500 Hz; FR 50-20,000 Hz; sens 90 dB; imp 8 ohms\$400

Ci-130DS 2-Way In-Wall Surround Speaker

5 1/4-in Kevlar-composite woofer, two 3/2-in Kevlar-composite dual-cone mid/high frequency drivers. Features jumper-configurable bipole or dipole radiation pattern. Power handling 80 W max; FR 75-16,000 Hz; imp 4 ohms\$250

Ci-200Q 2-Way In-Wall Speaker

8-in Kevlar-composite woofer combined with 1-in soft-dome tweeter in Uni-Q configuration. Power handling 150 W max; crossover point 3,500 Hz; FR 50-20,000 Hz; sens 90 dB; imp 8 ohms. Round or square bezel\$250

Ci-160Q 2-Way In-Wall Speaker

6 1/2-in Kevlar-composite woofer combined with 3/4-in soft-dome tweeter in Uni-Q configuration. Power handling 100 W max; crossover point 3,500 Hz; FR 60-20,000 Hz; sens 87 dB; imp 8 ohms. Round or square bezel\$200

Ci-130Q 2-Way In-Wall Speaker

5 1/4-in Kevlar-composite woofer combined with 3/4-in soft-dome tweeter in Uni-Q configuration. Power handling 80 W max; crossover point 3,500 Hz; FR 75-20,000 Hz; sens 86 dB; imp 8 ohms. Round or square bezel\$150

Ci-200SW In-Wall Subwoofer

8-in Kevlar-composite dual-voice-coil woofer. Power handling 150 W max; crossover point 120 Hz; FR 20-120 Hz; sens 90 dB; imp 8 ohms. Round or square bezel\$150

Ci-160F In-Wall Speaker

6 1/2-in Kevlar-composite dual-cone. Power handling 100 W max; FR 60-16,000 Hz; sens 87 dB; imp 8 ohms. Round or square bezel\$100

Ci-130F In-Wall Speaker

5 1/4-in Kevlar-composite dual-cone. Power handling 80 W max; FR 75-16,000 Hz; sens 86 dB; imp 8 ohms. Round or square bezel\$75

KENWOOD

LS-X1S 3-Way THX Surround Speaker

Acoustic-suspension, dipole design with 5-inch polypropylene woofers, 3-inch polypropylene-cone midranges, and 3/4-inch soft-dome tweeters. Wall-hangable. Features THX certification. Gold-plated banana-plug-compatible inputs. CB-X1 ceiling-mount bracket optional. Power handling 150 W; sens 86 dB; imp 8 ohms. White finish\$600/pr

LS-X1F 3-Way THX Speaker

Acoustic-suspension design with two 5 1/4-in polypropylene woofers, two 1-in soft-dome tweeters, and one 3/4-in supertweeter. Features THX certification. Gold-plated banana-plug-compatible inputs. Magnetic shielding. Power handling 150 W; sens 87 dB; imp 8 ohms. Black finish\$500

SW-X1 THX Subwoofer

12-in driver. Features THX certification; excursion limiting; flared vent; 1-in-thick enclosure. Gold-plated banana-plug-compatible inputs; output for parallel connection of additional SW-X1. Magnetic shielding. Power handling 150 W max; sens 87.5 dB; imp 8 ohms\$500

SW-300 Powered Subwoofer

Bass-reflex design with 10-in driver; 100-W amp. Phase switch; output-level control; auto turn-on/off. Crossover point variable from 50-200 Hz. 15 1/4 x 15 1/4 x 15 1/4 in\$400

SW-200 Powered Subwoofer

Bass-reflex design with 8-in driver; 50-W amplifier. Features phase switch; output-level control; auto turn-on/off. Crossover point variable from 30-150 Hz\$300

KS-H52 3-Way Bookshelf Speaker

Bass-reflex design with 12-in woofer, 5-in midrange, and 2-in tweeter. Power handling 160 W max; FR 40-20,000 Hz. Black finish. 14 1/4 x 26 1/4 x 12 1/2 in\$180/pr

KS-H72 3-Way Speaker

Bass-reflex design with 12-in woofer, 5-in midrange, and 2-in tweeter. Power handling 160 W max; FR 35-20,000 Hz. Black finish. 14 1/2 x 36 1/4 x 12 1/2 in\$100

KS-H32 2-Way Bookshelf Speaker

Acoustic-suspension design with 8-in woofer and 2-in tweeter. Power handling 100 W max; FR 50-20,000 Hz. Black finish. 12 1/2 x 22 1/2 x 9 1/2 in\$100/pr

RS-05 Surround Speaker

Acoustic-suspension design with 4-in driver. Wall mountable. Includes table-stand bracket. Power handling 40 W max; FR 80-20,000 Hz; sens 90 dB SPL/W/m. White finish. 11 x 7 1/2 x 2 1/2 in\$99/pr

LSK-06B/K Surround Speaker

Acoustic-suspension design with 4-in driver. Features pentagonal cabinet with 90° angle for corner placement. Includes wall-mount bracket. Power handling 40 W; FR 80-20,000 Hz; sens 90 dB SPL/W/m. Black or woodgrain finish. 7 1/4 x 10 1/2 x 5 1/2 in\$69/pr

LSK-02B/K Surround Speaker

Acoustic-suspension design with 4-in driver. Includes wall-mount bracket. Power handling 40 W max; FR 80-20,000 Hz; sens 90 dB SPL/W/m. Black or woodgrain finish. 5 1/2 x 7 1/2 x 5 1/2 in\$49/pr

KINERGETICS

SW-800 Subwoofer System

Two towers, each with five 10-in drivers; onboard active crossover. Features proprietary speaker-control circuit. Variable crossover point and slopes . . . \$3,995

SW-150 Powered THX Subwoofer

15-in down-firing driver; 200-W amplifier. Features THX certification; proprietary drive-control circuit . . . \$1,595

SW-120 Powered Subwoofer

12-in down-firing driver; 150-W amp. Features crossover; proprietary drive-control circuit . . . \$1,295

SW-102. As above, except with 10-in driver, 100-W amplifier . . . \$995

SW-101 In-Wall Powered Subwoofer

10-in driver; 200-W amp. Features crossover; proprietary drive-control circuit. Amplifier capability for 4 parallel speakers . . . \$500

KINETIC AUDIO

Purist Series

The following feature rounded sides, a vented design, liquid tweeter cooling/damping, cross-vented magnet structures, a linear-phase driver arrangement in mirror-image pairs, front-panel fuse protection, level controls, a black-, oak- or walnut-veneer finish, and a 3-year limited warranty.

Nonpareil 6-Way Speaker

12-in mineral-filled polymer-cone woofer, 6½-in mineral-filled polymer-cone midbass, 2-in dome midrange, 1½-in dome tweeter, 1-in supertweeter. Gold-plated 5-way biwire/biamp binding posts. Includes stands, pointed stems, and casters. Power handling 200 W max; selectable crossover points 60, 90, 180, 500, 750, 4,000, 5,000, 7,000, and 9,000 Hz; FR 12-22,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 6 ohms. 14½ x 60 x 22 in; 265 lb . . . \$12,500/pr

Ethereal 4-Way Speaker

12-in mineral-filled polymer-cone woofer, 6½-in mineral-filled polymer-cone midbass, 2-in dome midrange, 1-in dome tweeter. Gold-plated 5-way triamp/biamp binding posts. Includes stands, pointed stems, and casters. Power handling 200 W max; selectable crossover points 90, 180, 500, 750, 7,000, and 9,000 Hz; FR 16-22,000 Hz ±2 dB; imp 6 ohms. 14½ x 54 x 20 in; 185 lb . . . \$9,000/pr

Refined Plus 4-Way Speaker

12-in mineral-filled polymer-cone woofer, 6½-in mineral-filled polymer-cone midbass, 2-in dome midrange, 1-in dome tweeter. Gold-plated 5-way triamp/biamp binding posts. Includes stands, pointed stems, and casters. Power handling 200 W max; selectable crossover points 90, 180, 750, 1,000, 7,000, and 9,000 Hz; FR 18-22,000 Hz ±2 dB; imp 8 ohms. 14½ x 48 x 16 in; 120 lb . . . \$7,000/pr

Inversion 3-Way Speaker

12-in mineral-filled polymer-cone woofer, 2-in dome midrange, 1-in titanium-dome tweeter. Gold-plated 5-way triamp/biamp binding posts. Power handling 200 W max; selectable crossover points 750, 1,000, 7,000, and 9,000 Hz; FR 18-22,000 Hz ±2 dB; sens 92 dB SPL/W/m; imp 8 ohms. 14½ x 40 x 14½ in; 95 lb . . . \$4,500/pr

Exented 2-Way Speaker

Vented design with 8-in mineral-filled polymer-cone woofer and 1½-in dome tweeter. Gold-plated 5-way biwire/biamp binding posts. Power handling 100 W max; selectable crossover points 1,800 and 2,800 Hz; FR 38-22,000 Hz ±2 dB; sens 93 dB SPL/W/m; imp 8 ohms. 10 x 26 x 10 in; 45 lb . . . \$3,000/pr

Original Series

The following feature a linear-phase driver arrangement in mirror-image pairs, rounded side panels, a vented design, a black-, oak- or walnut-veneer finish, and a 2-year limited warranty.

Standard (Titan/Trapezium) 6-Way Speaker

Two 12-in mineral-filled polymer woofers, one 6½-in mineral-filled polymer-cone midbass, one 2-in dome midrange, one 1½-in dome tweeter, and one 1-in dome supertweeter. Gold-plated 5-way biwire/biamp binding posts. Power handling 200 W max; crossover points 60, 90, 500, 3,000, and 7,000 Hz; FR 12-22,000 Hz ±2 dB; sens 91 dB SPL/W/m; imp 6 ohms. 18 x 60 x 22 in; 265 lb . . . \$10,000/pr

Trapezium 5-Way Speaker

12-in mineral-filled polymer woofer, 6½-in mineral-filled polymer-cone midbass, 2-in dome midrange, 1½-in dome tweeter, and 1-in dome supertweeter. Features liquid tweeter cooling/damping. Biwire/biamp terminals. Level controls. Power handling 200 W max; crossover points 90, 750, 3,500, and 9,000 Hz; FR 12-22,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 6 ohms. 16 x 60 x 20 in; 250 lb . . . \$8,000/pr

Labyrinth 4-Way Speaker

12-in mineral-filled polymer woofer, 6½-in mineral-filled polymer-cone midrange, 2-in dome tweeter, and 1½-in synthetic-dome tweeter. Features liquid tweeter cooling/damping. Biwire/biamp terminals. Level controls. Power handling 200 W max; crossover points 180, 750, and 7,000 Hz; FR 16-22,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 6 ohms. 16 x 48 x 18 in; 185 lb . . . \$6,500/pr

Trapezoid 4-Way Speaker

12-in mineral-filled polymer woofer, 6½-in mineral-filled polymer-cone midrange, 1½-in dome tweeter, 1-in dome supertweeter. Features liquid tweeter cooling/damping. Biwire/biamp terminals. Level controls. Power handling 200 W max; crossover points 180, 2,000, and 9,000 Hz; FR 18-22,000 Hz ±2 dB; sens 91 dB SPL/W/m; imp 8 ohms. 16 x 40 x 14½ in; 125 lb . . . \$5,000/pr

Identity (Impulse) 3-Way Speaker

12-in mineral-filled polymer woofer, 6½-in mineral-filled polymer-cone midrange, 1½-in dome tweeter. Features liquid tweeter cooling/damping. Biwire/biamp terminals. Level controls. Power handling 200 W max; crossover points 180 and 2,500 Hz; FR 18-22,000 Hz ±2.5 dB; sens 91 dB SPL/W/m; imp 8 ohms. 14½ x 26 x 14½ in; 98 lb . . . \$3,500/pr

Stat Miniature Monitor 2-Way Bookshelf Speaker

6½-in mineral-filled polymer woofer, 1½-in dome tweeter. Features liquid tweeter cooling/damping. Biwire/biamp terminals. Level control. Power handling 100 W max; crossover point 2,000 Hz; FR 38-22,000 Hz ±2.5 dB; sens 90 dB SPL/W/m; imp 6 ohms. 9 x 15 x 9 in; 38 lb . . . \$2,000/pr

Audio/Video Series

The following are available with rounded or square sides and clear or black oak-veneer panels. Each features a 1-year limited warranty.

Exemplar 4-Way Speaker

12-in mineral-filled polymer woofer, 6½-in mineral-filled polymer-cone midbass, 2-in dome midrange, 1-in dome tweeter. Power handling 150 W max; crossover points 350, 1,000, and 6,000 Hz; FR 20-20,000 Hz ±3 dB; sens 90 dB; imp 8 ohms. 14 x 44 x 14 in; 115 lb . . . \$2,499/pr

Efficiency Tower (Simulator) 3-Way Speaker

12-in mineral-filled polymer woofer, 2-in dome midrange, and 1-in dome tweeter. Power handling 150 W max; crossover points 1,000 and 6,000 Hz; FR 25-20,000 Hz ±3 dB; sens 91 dB; imp 8 ohms. 14½ x 38 x 12 in; 80 lb . . . \$1,699/pr

Basic 2-Way Speaker

Adjustable open- or closed-vent design with 12-in mineral-filled polymer woofer and 1-in dome tweeter. Power handling 150 W max; crossover point 2,000 Hz; FR 30-20,000 Hz ±3 dB; sens 91 dB SPL/W/m; imp 8 ohms. 14½ x 25 x 12 in; 50 lb . . . \$999/pr

Nouveau 2-Way Bookshelf Speaker

Vented design with 8-in woofer and 1-in dome tweeter.

Features tweeter cooling and damping; replaceable voice-coil dome diaphragm; flush driver mounting. Power handling 100 W max; crossover point 2,500 Hz; FR 38-20,000 Hz ±2.5 dB; sens 92 dB SPL/W/m; imp 6 ohms. Oak-veneer finish. 10 x 16 x 8 in; 38 lb . . . \$699/pr

Sine (Micro-Pulse) 2-Way Bookshelf Speaker

Vented design with 6½-in mineral-filled polymer woofer. Features flush driver mounting. Power handling 80 W max; crossover point 2,500 Hz; FR 48-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 6 ohms. Oak-veneer finish. 8 x 12 x 7 in; 25 lb . . . \$699/pr

In-Wall Speakers

Rex 3-Way In-Wall Speaker

12-in mineral-filled polymer woofer, 2-in midrange, 1½-in dome tweeter. Features magnetic-liquid tweeter cooling/damping; linear-phase driver arrangement in mirror-image pairs. Biwire/biamp terminals. Level controls. Power handling 200 W max; crossover points 750 and 7,000 Hz; FR 18-22,000 Hz ±2.5 dB; sens 91 dB SPL/W/m; imp 8 ohms. 13 x 24 x 7 in; 35 lb . . . \$1,500/pr

Stat 2-Way In-Wall Speaker

8-in mineral-filled polymer woofer, 1-in dome tweeter. 6½-in-woofer version available via special order. Features magnetic-liquid tweeter cooling/damping; replaceable voice-coil dome diaphragm; film capacitors; air-core coils; nonresonant 1-in-thick baffle/panel. Level control. Power handling 100 W max; crossover point 2,000 Hz; FR 36-20,000 Hz ±2.5 dB; sens 90 dB; imp 8 ohms. Several colors available. 9 x 14 x 3½ in; 19 lb . . . \$699/pr

Stat In-Wall Subwoofer

12-in mineral-filled polymer dual-voice-coil driver. Features 180-Hz passive crossovers with bypass terminals. Power handling 150 W max; FR 20-2,000 Hz ±2.5 dB; sens 91 dB SPL/W/m; imp 2, 4, or 8 ohms. Several colors available. 19 lb . . . \$400

Subwoofer Series

The following are available with a walnut, oak-veneer, or black finish.

Trapezoid Subwoofer

12-in mineral-filled polymer dual-voice-coil driver. Features 180-Hz crossover with woofer-bypass terminals. Gold-plated 5-way biwire/biamp binding posts. Power handling 350 W max; FR 16-2,000 Hz ±2 dB; sens 92 dB SPL/W/m; imp 2, 4, or 8 ohms. 16 x 40 x 14 in; 110 lb . . . \$1,000
Utility finish without grille . . . \$750

Stat Subwoofer

Ported design with 12-in mineral-filled polypropylene dual-voice-coil driver. Features 180-Hz crossover with woofer-bypass terminals. Gold-plated 5-way biwire/biamp binding posts. Power handling 350 W max; FR 18-2,000 Hz ±3 dB; sens 93 dB SPL/W/m; imp 2, 4, or 8 ohms. 14½ x 26 x 14 in; 85 lb . . . \$800
Utility finish without grille . . . \$650

KIRKSAETER

The following feature fiber-coated cones, resistance coils for bass, air-core coils and Mylar condensers for treble, a Helmholtz resonator, and gold-plated brass terminals.

Prisma 300 4-Way Speaker

Two 8½-in long-throw coated-cone woofers, one 5½-in coated-cone midbass, one 2-in ball-shaped soft-metal dome midrange, and one 1-in soft-metal dome tweeter. Crossover points 650, 1,200, and 4,000 Hz; FR 25-25,000 Hz; imp 4-8 ohms. Black or California-oak vinyl finish; other finishes available. 10¾ x 10¾ x 43½ in; 46 lb . . . \$1,699/pr

Prisma 250 3-Way Speaker

Two 8½-in long-throw coated-cone woofers, one 5½-in coated-cone midrange, one 1-in soft-metal dome tweeter. Gold-plated biwire/biamp terminals. Crossover points 700 and 4,000 Hz; FR 28-22,000 Hz; imp

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4-8 ohms. Black or California-oak vinyl finish; others available. 10 $\frac{1}{4}$ x 10 $\frac{1}{2}$ x 43 $\frac{1}{2}$ in; 43.8 lb . . . \$1,299/pr

Prisma 150 3-Way Speaker

8 $\frac{1}{2}$ -in long-throw coated-cone woofer, 5 $\frac{1}{2}$ -in coated-cone midrange, 1-in soft-metal dome tweeter. Gold-plated biwire/biamp terminals. Crossover points 700 and 4,000 Hz; FR 30-22,000 Hz; imp 4-8 ohms. Black or California-oak vinyl finish; other finishes available. 10 $\frac{1}{4}$ x 37 $\frac{1}{2}$ x 10 $\frac{1}{2}$ in; 38.2 lb . . . \$1,099/pr

Prisma 200 3-Way Speaker

Two 7 $\frac{1}{2}$ -in long-throw coated-cone woofers, one 5 $\frac{1}{2}$ -in coated-cone midrange, one 1-in soft-metal dome tweeter. Crossover points 800 and 4,000 Hz; FR 28-20,000 Hz; imp 4-8 ohms. Black or California-oak vinyl finish. 9 $\frac{1}{2}$ x 41 $\frac{1}{2}$ x 10 in; 37 lb . . . \$1,049/pr

Prisma 100. As above, single woofer, 1-in textile-dome tweeter. FR 30-20,000 Hz. 9 $\frac{1}{2}$ x 33 $\frac{1}{2}$ x 10 in; 30.3 lb . . . \$799/pr

Prisma 80 2-Way Bookshelf Speaker

7 $\frac{1}{2}$ -in long-throw coated-cone woofer, 1-in textile-dome tweeter. Crossover point 2,500 Hz; FR 35-20,000 Hz; imp 4-8 ohms. Black or California-oak vinyl finish. 9 $\frac{1}{2}$ x 17 $\frac{1}{2}$ x 10 $\frac{1}{2}$ in; 16.9 lb . . . \$549/pr

Prisma 60. As above, 5 $\frac{1}{2}$ -in woofer. FR 40-20,000 Hz. 9 $\frac{1}{2}$ x 17 $\frac{1}{2}$ x 7 $\frac{1}{2}$ in; 14.6 lb . . . \$475/pr

Prisma Center 100 2-Way Center Speaker

Two 5 $\frac{1}{2}$ -in long-throw woofers, one 1-in textile-dome tweeter. Magnetic shielding. Crossover point 2,500 Hz; FR 40-20,000 Hz; imp 4-8 ohms. Black-oak finish. 19 $\frac{1}{2}$ x 6 $\frac{1}{2}$ x 6 $\frac{1}{2}$ in; 13.5 lb . . . \$349

KLH

HT-300 Home Theater System

Front subwoofer with two 6 $\frac{1}{2}$ -in fiber drivers; rear subwoofer with two 5 $\frac{1}{2}$ -in fiber drivers; 4 satellites, each with 4-in fiber woofer and 3 $\frac{1}{2}$ -in liquid-cooled dome tweeter; center-channel speaker with two 4 $\frac{1}{2}$ -in dual-cones and one 3 $\frac{1}{2}$ -in polycarbonate-dome tweeter. Features subwoofer overload protection. Magnetic satellite, center-channel, and surround shielding. Power handling 225 W max front subwoofer and 2 satellites, 100 W center, 175 W rear subwoofer and 2 satellites; FR 38-20,000 Hz subwoofer and satellites, 60-22,000 Hz center; imp 6 ohms front/rear subwoofer and satellites, 8 ohms center. Includes ball-joint mounting brackets for surround speakers and 50-in speaker cable. Black. Front subwoofer 11 $\frac{1}{2}$ x 9 $\frac{1}{2}$ x 19 in. Each satellite 8 x 5 $\frac{1}{2}$ x 5 in. Rear subwoofer 11 $\frac{1}{2}$ x 7 $\frac{1}{2}$ x 17 $\frac{1}{2}$ in. Center channel 5 $\frac{1}{2}$ x 16 $\frac{1}{2}$ x 5 $\frac{1}{2}$ in . . . \$799

HT-200 Home Theater System

Subwoofer with two 6 $\frac{1}{2}$ -in fiber drivers; 4 satellites, each with 4-in fiber woofer and adjustable 3 $\frac{1}{2}$ -in liquid cooled dome tweeter; center-channel speaker with 4 $\frac{1}{2}$ -in dual-cone and 3 $\frac{1}{2}$ -in polycarbonate-dome tweeter. Features subwoofer overload protection. Magnetic satellite, center-channel, and surround shielding. Power handling 225 W max subwoofer and 2 satellites, 100 W center, 50 W other 2 satellites; FR 38-20,000 Hz subwoofer and satellites, 60-22,000 Hz center; imp 6 ohms subwoofer and satellites, 8 ohms center. Includes rear-channel ball-joint mounting brackets and 50-in speaker cable. Black. Subwoofer 11 $\frac{1}{2}$ x 9 $\frac{1}{2}$ x 19 in. Each satellite 8 x 5 $\frac{1}{2}$ x 5 in. Center channel 5 $\frac{1}{2}$ x 17 x 5 $\frac{1}{2}$ in . . . \$625

KLH Series 82T 3-Way Speaker

Vented tuned-port design with two 7-in polypropylene woofers, one 3-in soft-dome midrange, and one 1-in dome tweeter. Gold plated 5-way binding posts. Power handling 250 W max; crossover points 200, 800, and 3,000 Hz; FR 35-20,000 Hz; sens 87 dB; imp 6 ohms. Simulated-oak or black-grain finish. 9 x 38 x 11 $\frac{1}{2}$ in; 47 lb . . . \$550

KLH Series 62T. Above, 5 $\frac{1}{2}$ -in cone midrange . . . \$350

KLH Series 81 2-Way Bookshelf Speaker

Vented tuned-port design with 8-in polymer-fiber woofer and 1-in ferrofluid-cooled polymer-dome tweeter. Gold-plated 5-way binding posts. Power

handling 130 W max; crossover point 1,300 Hz; FR 30-20,000 Hz; sens 87 dB; imp 8 ohms. Simulated-oak or black-grain finish. 10 $\frac{1}{2}$ x 16 $\frac{1}{2}$ x 11 $\frac{1}{2}$ in; 21 lb . . . \$475/pr

HT-100 Home Theater System

Subwoofer with two 5 $\frac{1}{2}$ -in fiber drivers; 4 satellites, each with 4-in fiber woofer and 3 $\frac{1}{2}$ -in polycarbonate-dome tweeter; center-channel speaker with two 4 $\frac{1}{2}$ -in dual-cones and one 3 $\frac{1}{2}$ -in polycarbonate-dome tweeter. Features subwoofer overload protection. Magnetic satellite, center channel, and surround shielding. Power handling 175 W max subwoofer and 2 satellites, 100 W center, 50 W other 2 satellites; FR 38-20,000 subwoofer and satellites, 60-22,000 Hz center; imp 6 ohms subwoofer and satellites, 8 ohms center. Includes 50-in speaker cable. Black. Subwoofer 11 $\frac{1}{2}$ x 7 $\frac{1}{2}$ x 17 $\frac{1}{2}$ in. Each satellite 8 $\frac{1}{2}$ x 5 x 5 $\frac{1}{2}$ in. Center channel 5 $\frac{1}{2}$ x 17 x 5 $\frac{1}{2}$ in . . . \$450

Model 610/66 Subwoofer/Satellite System

Subwoofer with two 6 $\frac{1}{2}$ -in polymer drivers; two satellites, each with 4-in woofer and 1-in soft-dome tweeter. Features subwoofer overload protection. Power handling 225 W max; FR 45-20,000 Hz; imp 6 ohms. Black. Subwoofer 9 $\frac{1}{2}$ x 11 $\frac{1}{2}$ x 19 in. Each satellite 4 $\frac{1}{2}$ x 7 $\frac{1}{2}$ x 4 $\frac{1}{2}$ in . . . \$350

Performance SX-9 3-Way Speaker

Tuned-port design with 15-in polymer woofer, 5 $\frac{1}{2}$ -in cone midrange, 1-in ferrofluid-cooled dome tweeter. Gold plated 5-way binding posts. Power handling 300 W max; crossover points 800 and 3,000 Hz; FR 25-20,000 Hz; sens 94 dB; imp 6 ohms. Simulated-oak or black-grain finish. 18 x 37 $\frac{1}{4}$ x 11 in; 61 lb . . . \$350

Performance SX-8. As above, 12-in woofer. Power handling 200 W max; FR 29-20,000 Hz; sens 92 dB. 16 x 30 x 11 in; 44 lb . . . \$300

Model 5525 Subwoofer/Satellite System

Subwoofer with two 5 $\frac{1}{2}$ -in drivers; two satellites, each with 4 $\frac{1}{2}$ -in fiber woofer and 3 $\frac{1}{2}$ -in ferrofluid-cooled tweeter. Features subwoofer overload protection. Magnetic satellite shielding. Power handling 175 W max; FR 50-20,000 Hz; imp 6 ohms. Subwoofer 7 $\frac{1}{2}$ x 11 $\frac{1}{2}$ x 17 $\frac{1}{2}$ in. Each satellite 4 $\frac{1}{2}$ x 8 $\frac{1}{4}$ x 4 $\frac{1}{2}$ in. Black . . . \$300

CS-2503. As above, molded plastic finish . . . \$225

Model 5050 2-Way Center-Channel Speaker

Sealed design two 4 $\frac{1}{2}$ -in woofers and one 3 $\frac{1}{2}$ -in dome tweeter. Magnetic shielding. Power handling 100 W max; FR 60-22,000 Hz; sens 88 dB; imp 8 ohms. Black. 16 $\frac{1}{2}$ x 5 $\frac{1}{2}$ x 5 $\frac{1}{2}$ in . . . \$169

Model 610 2-Way Outdoor Speaker

4-in woofer, 1-in dome tweeter. Features aluminum cabinet. Crossover point 2,800 Hz; FR 80-20,000 Hz; sens 85 dB; imp 7 ohms. Black. 5 x 7 x 5 in; 4.5 lb . . . \$149/pr

Model 4545 Center-Channel Speaker

Sealed design with two 4 $\frac{1}{2}$ -in dual-cones. Magnetic shielding. Power handling 100 W max; FR 90-20,000 Hz; sens 88 dB; imp 8 ohms. Black. 16 $\frac{1}{2}$ x 5 $\frac{1}{2}$ x 5 $\frac{1}{2}$ in . . . \$130

Model 970A 3-Way Outdoor Speaker

4-in woofer, 2-in cone midrange, 3 $\frac{1}{2}$ -in dome tweeter. Features polystyrene cabinet. Crossover points 300 and 7,000 Hz; FR 90-20,000 Hz; imp 8 ohms. Black. 5 x 7 x 5 in; 2 lb . . . \$50/pr

Video Series

V-210 Powered Subwoofer

Vented down-firing design with 10-in long-throw polymer-coated driver; 120-W amp. Features Class D switch mode amplifier. Line- and speaker-level inputs. Volume and phase controls. Crossover point selectable at 85 or 120 Hz; FR 25-120 Hz. Black textured-vinyl finish. 16 $\frac{1}{2}$ x 14 $\frac{1}{2}$ x 15 $\frac{1}{2}$ in . . . \$700

V-41 2-Way Speaker

Four 5-in polypropylene woofers, one 1-in ferrofluid-cooled aluminum-dome tweeter. Magnetic shielding. Power handling 175 W max; crossover points 700,

1,900, and 3,000 Hz; FR 100-20,000 Hz; sens 86 dB; imp 8 ohms. Black textured-vinyl finish. 6 $\frac{1}{2}$ x 40 x 8 in . . . \$400

V-354 2-Way Center-Channel Speaker

Four 5-in polypropylene drivers, one 1-in titanium-dome tweeter. Magnetic shielding. Power handling 175 W max; crossover points 700, 1,900, and 3,000 Hz; FR 100-20,000 Hz; sens 87 dB; imp 8 ohms. Black textured-vinyl finish. 25 x 6 $\frac{1}{2}$ x 8 in . . . \$375

V-01 2-Way Surround Speaker

Ported, single-point design with two 8-in polypropylene woofers and two 1-in polycarbonate-dome tweeters. Designed for placement on floor. 4 gold-plated 5-way binding posts. Power handling 100 W max; crossover point 1,800 Hz; FR 100-20,000 Hz; sens 90 dB; imp 8 ohms. 5-yr warranty. Black textured-vinyl finish. 15 $\frac{1}{2}$ x 16 $\frac{1}{2}$ x 10 $\frac{1}{2}$ in . . . \$250

KLIPSCH

Klipschorn 3-Way Speaker

Horn-loaded design. Power handling 100 W; FR 35-17,000 Hz \pm 3 dB; sens 104 dB SPL/W/m; imp 8 ohms. 31 $\frac{1}{2}$ x 52 x 28 $\frac{1}{2}$ in; 167 lb . . . \$2,500

Belle Klipsch 3-Way Speaker

Horn-loaded design. Power handling 100 W; FR 45-17,000 Hz \pm 5 dB; sens 104 dB SPL/W/m; imp 8 ohms. 30 $\frac{1}{2}$ x 35 $\frac{1}{2}$ x 18 $\frac{1}{2}$ in . . . \$1,775

La Scala. As above, natural-birch, stained-birch, or black finish. 23 $\frac{1}{2}$ x 35 $\frac{1}{2}$ x 24 $\frac{1}{2}$ in . . . \$1,250

KTSW Powered Subwoofer

Bass-reflex design with 15-in subwoofer and 15-in passive radiator; amp rated at 200 W x 1 cont avg in to 4 ohms. Line-level input/output. Magnetic shielding. 26 x 18 $\frac{1}{2}$ x 19 $\frac{1}{2}$ in; 82 lb . . . \$1,700

SW-15II Powered Subwoofer

Bass-reflex design with 15-in subwoofer and 15-in passive radiator; amp rated at 200 W x 1 cont avg in to 8 ohms. Line-level input/output. 26 x 18 $\frac{1}{2}$ x 19 $\frac{1}{2}$ in; 82 lb . . . \$1,500

SW-12II Powered Subwoofer

Bass-reflex design with 12-in subwoofer and 12-in passive radiator; amp rated at 150 W x 1 cont avg in to 8 ohms. Line-level input/output. 23 $\frac{1}{2}$ x 15 $\frac{1}{2}$ x 16 $\frac{1}{2}$ in; 60 lb . . . \$1,100

SW-10II Powered Subwoofer

Bass-reflex design with 10-in subwoofer and 12-in passive radiator; amp rated at 100 W x 1 cont avg in to 8 ohms. Line-level input/output. 21 $\frac{1}{2}$ x 14 x 15 $\frac{1}{2}$ in; 43 lb . . . \$750

KTDSW 2-Way Surround Speaker

Infinite-baffle design with two 6 $\frac{1}{2}$ -in woofers and two 1-in tweeters in dipole configuration. Power handling 100 W; crossover point 2,800 Hz; FR 100-20,000 Hz \pm 3 dB; sens 91 SPL/W/m; imp 8 ohms. Wood finish. 13 x 9 $\frac{1}{2}$ x 9 $\frac{1}{2}$ in; 17 lb . . . \$700/pr

KTDSV. As above, vinyl finish . . . \$650/pr

SW-8 II Powered Subwoofer

Bass-reflex design with 8-in driver, 10-in passive radiator; amp rated at 65 W x 1 cont avg in to 8 ohms. Line-level input/output. 18 $\frac{1}{2}$ x 13 $\frac{1}{2}$ x 14 in; 36 lb . . . \$550

Heresy II 3-Way Speaker

Sealec design with 12-in woofer, horn-loaded compression midrange, tweeter. Power handling 100 W; FR 50-20,000 Hz \pm 3 dB; sens 96 SPL/W/m; imp 8 ohms. 15 $\frac{1}{2}$ x 21 $\frac{1}{2}$ x 13 $\frac{1}{4}$ in; 37 lb . . . \$550

IW-25II 2-Way In-Wall Speaker

6 $\frac{1}{2}$ -in woofers, horn tweeter. Power handling 75 W; crossover point 2,200 Hz; FR 40-20,000 Hz \pm 3 dB; sens 93 SPL/W/m; imp 8 ohms. 8 $\frac{1}{2}$ x 19 $\frac{1}{2}$ x 3 $\frac{1}{2}$ in . . . \$520/pr

KG-5.5 2-Way Speaker

Bass-reflex design with two 10-in woofers, one horn tweeter. Power handling 100 W; FR 34-20,000 Hz \pm 3

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dB; sens 98 SPL/W/m; imp 8 ohms. 37½ x 12¼ x 17½ in; 69 lb\$500

KT-LCR 2-Way Speaker

Infinite-baffle design with two 6½-in woofers and one horn tweeter. Magnetic shielding. Power handling 100 W; crossover point 2,400 Hz; FR 65-20,000 Hz ±3 dB; sens 95 SPL/W/m; imp 8 ohms. 23¼ x 11 x 10 in; 31 lb\$500

KV3 2-Way Speaker

Vented design with two 6½-in woofers and one horn tweeter. Power handling 75 W; FR 63-20,000 Hz ±3 dB; sens 95 dB SPL/W/m; imp 8 ohms. 7½ x 22½ x 7¾ in; 17 lb\$400

KG-4.5 2-Way Speaker

Bass-reflex design with 10-in woofer and horn tweeter. Power handling 100 W; FR 36-20,000 Hz ±3 dB; sens 95 SPL/W/m; imp 8 ohms. 37½ x 12¼ x 12¾ in; 54 lb\$375

IW-150 2-Way In-Wall Speaker

6½-in woofer, horn tweeter. Power handling 50 W; crossover point 2,200 Hz; FR 40-20,000 Hz ±3 dB; sens 90 SPL/W/m; imp 8 ohms. 8½ x 12½ x 3½ in\$350/pr

KG-3.5 2-Way Speaker

Bass-reflex design with 8-in woofer and horn tweeter. Power handling 100 W; FR 36-20,000 Hz ±3 dB; sens 94 SPL/W/m; imp 8 ohms. 33½ x 10½ x 11½ in; 39 lb\$300

KV2 2-Way Speaker

Vented design with two 5½-in woofers and one horn tweeter. Power handling 75 W; FR 75-20,000 Hz ±3 dB; sens 92 SPL/W/m; imp 8 ohms. 6¼ x 20 x 6¼ in; 13 lb\$279

KG-2.5 2-Way Bookshelf Speaker

Bass-reflex design with two 6½-in woofers and one horn tweeter. Magnetic shielding optional. Power handling 75 W; crossover point 2,200 Hz; FR 50-20,000 Hz ±3 dB; sens 93 SPL/W/m; imp 8 ohms. 19½ x 9¼ x 9¼ in; 19.5 lb\$225

KV1 2-Way Speaker

Sealed design with two 5½-in woofers and one horn tweeter. Power handling 75 W; FR 85-20,000 Hz ±3 dB; sens 90 SPL/W/m; imp 8 ohms. 6¼ x 20¼ x 6 in; 14.5 lb\$199

KG-1.5 2-Way Bookshelf Speaker

Bass-reflex design with 6½-in woofer and horn tweeter. Magnetic shielding optional. Power handling 50 W; crossover point 2,200 Hz; FR 50-20,000 Hz ±3 dB; sens 90 SPL/W/m; imp 8 ohms. 13½ x 9¼ x 9¼ in; 15 lb\$175

KG-.5 2-Way Bookshelf Speaker

Bass-reflex design with 5½-in woofer and horn tweeter. Power handling 50 W; crossover point 1,800 Hz; FR 60-20,000 Hz ±3 dB; sens 90 SPL/W/m; imp 8 ohms. 11½ x 8½ x 7 in; 10 lb\$125

Epic Series

CF4 2-Way Speaker

Bass-reflex design with two 12-in woofers and one 2-in tweeter. Power handling 250 W; crossover point 1,500 Hz; FR 34-20,000 Hz ±3 dB; sens 102 SPL/W/m; imp 8 ohms. 44 x 17 x 18½ in; 92 lb\$1,250

CF3 2-Way Speaker

Bass-reflex design with two 10-in woofers and one 2-in tweeter. Power handling 200 W; crossover point 1,500 Hz; FR 35-20,000 Hz ±3 dB; sens 100 SPL/W/m; imp 8 ohms. 40½ x 17 x 17¼ in; 80 lb\$1,000

CF2 2-Way Speaker

Bass-reflex design with two 8-in woofers and one 2-in tweeter. Power handling 150 W; crossover point 2,200 Hz; FR 36-20,000 Hz ±3 dB; sens 98 SPL/W/m; imp 8 ohms. 37 x 13 x 16 in; 68 lb\$750

CF1 2-Way Speaker

Bass-reflex design with two 6½-in woofers and one 1-in tweeter. Power handling 100 W; crossover point 2,200 Hz; FR 37-20,000 Hz ±3 dB; sens 96 SPL/W/m; imp 8 ohms. 34 x 13 x 14½ in; 56 lb\$550

KORT AUDIO

Speaker cables are included with the following.

Proxy DP/V 3-Way Speaker

Four 15-in woofers, eighteen 3-in wide-range drivers, one 1-in tweeter. Features line-source dipole design; control of standing waves and room resonances. Includes active crossover for bi-amplification. FR 18-35,000 Hz; sens 94 dB SPL/W/m; imp 8 ohms. 27 x 72 x 14 in\$2,200

Proxy DP/S. As above, four 10-in woofers, nine 3-in wide-range drivers. FR 30-35,000 Hz; sens 92 dB SPL/W/m; imp 4 ohms. 17 x 60 x 9 in\$1,100

Microline Satellite Speaker

Three 3-in wide-range drivers. May be attached to Foundation subwoofer's mounting bay to form 2-way speaker. Features line-source dipole design. Magnetic shielding. FR 100-20,000 Hz; sens 87 dB SPL/W/m; imp 12 ohms. 7 x 10 x 4 in\$125

Foundation Subwoofer

Dipole design with 12-in driver. Mounting bay accepts Microline speaker to form 2-way speaker. Designed for placement against wall or in room corner. Features control of standing waves and room resonances through design. FR 30-200 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 17 x 14 x 9 in\$125

Coherent Bookshelf Speaker

Acoustic-suspension design with 5-in wide-range driver. Features coherent source topology; cabinet design to allow user aiming; treble boost. Magnetic shielding. FR 60-20,000 Hz. 8 x 12 x 10 in\$105

KOSS

M85 2-Way Bookshelf Speaker

Two 4½-in woofers, one 1-in dome tweeter. FR 50-30,000 Hz; sens 86 dB SPL/W/m; imp 6 ohms. Black. 5-yr warranty\$190/pr

M65 2-Way Bookshelf Speaker

Two 4½-in woofers, one 1-in dome tweeter. FR 100-30,000 Hz; sens 84 dB; imp 8 ohms. 4¼ x 8¼ x 5½ in. 5-yr warranty\$135/pr

SX/1 Powered Subwoofer

Bass-reflex design with two 4-in drivers; 20-W amp. Level control. Includes AC adaptor. FR 40-120 Hz. Lifetime warranty. 5 x 10 x 12 in\$130

SW/1 Powered Computer Subwoofer

Bass-reflex design with two 4-in drivers; 20-W amp. Designed for multimedia applications. RCA inputs. Level control. Includes AC adaptor. FR 40-120 Hz; sens 95 dB. Lifetime warranty. 5 x 10 x 12 in\$130

HD/100 2-Way Powered Computer Speaker System

Two speakers, each with 4-in woofer and 1½-in tweeter; 5-W/ch amp. Designed for multimedia applications. Mic and headphone jacks. Selector switch for CD ROM or sound card; magnetic shielding; bass and treble boost; volume control. Includes 12-V AC adaptor. FR 60-20,000 Hz; sens 105 dB. Lifetime warranty\$100

SX/100 2-Way Powered Mini Speaker System

Two speakers, each with 4-in woofer and 1½-in tweeter; 5-W/ch amp. Mic and headphone jacks. Input selector for 2 sources; magnetic shielding; bass and treble boost; volume control. Includes 12-V AC adaptor. FR 60-20,000 Hz; sens 105 dB SPL. Lifetime warranty\$100

SX 50 Powered Mini Speaker System

Two speakers, each with 3½-in driver; 4.5-W/ch amp. Mic and headphone jacks. Input selector for 2 sources; magnetic shielding; bass and treble boost;

volume control. Operates on 6 C batteries. AC adaptor optional. FR 150-20,000 Hz; sens 101 dB. Lifetime warranty\$50

HD/50 Powered Computer Speaker System

Two speakers, each with 3½-in driver; 4.5-W/ch amp. Designed for multimedia applications. Mic and headphone jacks. Selector switch for CD ROM or sound card; magnetic shielding; bass and treble boost; volume control. Operates on 6 C batteries. AC adaptor optional. FR 150-20,000 Hz; sens 101 dB. Lifetime warranty\$50

SX/40 Mini Speaker

Two speakers, each with 3½-in driver. Magnetic shielding. FR 150-20,000 Hz; sens 114 dB. Lifetime warranty\$30/pr

SX/30 Powered Mini Speaker System

Two speakers, each with 3-in driver; 1.5-W/ch amp. Magnetic shielding; bass and treble boost; volume control. Operates on 4 C batteries. AC adaptor optional. FR 170-20,000 Hz; sens 95 dB. Lifetime warranty\$30

HD/40 Computer Speaker

Two speakers, each with 3½-in driver. Designed for multimedia applications. Magnetic shielding. Sens 114 dB; imp 8 ohms. Lifetime warranty\$30/pr

HD/30 Powered Computer Speaker System

Two speakers, each with 3-in driver; 1.5-W/ch amp. Designed for multimedia applications. Magnetic shielding; bass and treble boost; volume control. Operates on 4 C batteries. AC adaptor optional. FR 170-20,000 Hz; sens 95 dB. Lifetime warranty\$30

HD/20 Computer Speaker

Two speakers, each with 3-in driver. Designed for multimedia applications. Magnetic shielding. Sens 110 dB SPL; imp 8 ohms. Lifetime warranty\$20/pr

HD/10 Powered Computer Speaker System

Two speakers, each with 3-in driver. Designed for multimedia applications. Magnetic shielding. Operates on 4 C batteries. AC adaptor optional. FR 180-20,000 Hz; sens 105 dB. Lifetime warranty\$20

SX/20 Mini Speaker

Two speakers, each with 3-in driver. Magnetic shielding. FR 170-20,000 Hz; sens 110 dB. Lifetime warranty\$20/pr

SX 5 Mini Speaker

Two speakers, each with 3-in driver. Magnetic shielding. FR 100-15,000 Hz; sens 95 dB SPL. Lifetime warranty\$9.99/pr

HD/5 Mini Speaker

Two speakers, each with 3-in driver. Designed for multimedia applications. Magnetic shielding. FR 100-15,000 Hz; sens 95 dB. Lifetime warranty\$9.99/pr

KCS Series

The following feature a tuned-port design, a 4-ohm impedance, a black-ash vinyl finish, and a 5-year warranty.

KCS/200 2-Way Speaker

8-in polypropylene woofer, 1-in ferrofluid-cooled polyimide-dome tweeter. Power handling 125 W max; FR 40-20,000 Hz ±3 dB; sens 90 dB. 10 x 20½ x 11 in\$339

KCS/100 2-Way Bookshelf Speaker

6½-in polypropylene woofer, ½-in ferrofluid-cooled polyimide-dome tweeter. Power handling 100 W max; FR 60-20,000 Hz ±3 dB; sens 86 dB. 8¼ x 15 x 8½ in\$279

KCS/50 2-Way Bookshelf Speaker

5-in polypropylene woofer, ½-in ferrofluid-cooled polyimide-dome tweeter. Power handling 75 W; FR 70-20,000 Hz ±3 dB; sens 86 dB. 7 x 12 x 8½ in\$239

LANCER

Video HTR 3-Way Bookshelf Speaker

Sealed design with two 4-in dual-voice-coil woofers and two 3/4-in dome tweeters. Crossover points 250 and 4,000 Hz; FR 70-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Oak finish. 8 x 7 x 6 in.; 7 lb\$440/pr

LE-110 3-Way Speaker

Vented design with 10-in woofer, 4-in cone midrange, and 1-in dome tweeter. Crossover points 800 and 4,000 Hz; FR 32-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Oak finish. 15 x 26 x 12 in.; 45 lb\$375

LE-1sw Subwoofer

Bandpass design with two 6 1/2-in drivers. Features 3 chambers. Crossover point 160 Hz; FR 40-160 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Black textured finish. 9 x 14 x 20 in.; 35 lb\$250

LE-75 2-Way Speaker

Vented design with two 6 1/2-in woofers and one 1-in dome tweeter. Crossover point 3,200 Hz; FR 42-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Oak finish. 8 x 29 x 10 in.; 30 lb\$250

Video HTF 2-Way Bookshelf Speaker

Vented design with two 4-in woofers and two 3/4-in dome tweeters. Features controlled vertical dispersion. Tweeter-level control. Crossover point 4,000 Hz; FR 80-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Oak finish. 6 x 8 x 15 in.; 12 lb\$220

Video HTH 2-Way Bookshelf Speaker

Vented design with two 4-in woofers and one 3/4-in dome tweeter. Tweeter-level control. Crossover point 4,000 Hz; FR 80-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Black oak finish. 6 x 7 x 15 in.; 11 lb\$200

LE-50B 2-Way Bookshelf Speaker

Vented design with 6 1/2-in woofer and 3/4-in dome tweeter. Crossover point 3,000 Hz; FR 49-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Oak finish. 9 x 8 x 14 in.; 12 lb\$138

LE-25 2-Way Bookshelf Speaker

Vented design with 4-in woofer and 3/4-in dome tweeter. Crossover point 3,500 Hz; FR 55-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Oak finish. 8 x 8 x 10 in.; 7.5 lb\$110

L.A. ROCKER

The following outdoor speakers are weather-resistant and are designed to resemble rocks.

CR Carlsbad Outdoor Speaker

Available in 2- or 3-way version. Brown or gray. 21 x 16 x 24 in.; 70 lb\$900-\$992

EP El Paso Outdoor Speaker

Available in 2- or 3-way version. Brown, gray, or granite. 21 x 16 x 24 in.; 64 lb\$708-\$798

RRP Reef Rock Plus Outdoor Speaker

Available in 2- or 3-way version. Black, coral, or red. 16 x 11 x 17 in.; 39 lb\$606-\$694

GRP Granite River Rock Plus Outdoor Speaker

Available in 2- or 3-way version. Granite. 21 x 11 x 23 in.; 40 lb\$606-\$694

MRP Mesa Rock Plus Outdoor Speaker

Available in 2- or 3-way version. Brown, gray, or granite. 16 x 10 x 23 in.; 40 lb\$580-\$668

RR Reef Rock Outdoor Speaker

Available in 2- or 3-way version. Black, coral, or red. 16 x 11 x 17 in.; 34 lb\$502-\$560

GR Granite River Rock Outdoor Speaker

Available in 2- or 3-way version. Granite. 21 x 11 x 23 in.; 35 lb\$502-\$560

MR Mesa Rock Outdoor Speaker

Available in 2- or 3-way version. Brown, gray, or granite. 16 x 10 x 23 in.; 35 lb\$477-\$528

LRP Little Rock Plus Outdoor Speaker

Available in 2- or 3-way version. Brown, gray, or granite. 14 x 10 x 16 in.; 35 lb\$437-\$528

LR Little Rock Outdoor Speaker

Available in 2- or 3-way version. Brown, gray, or granite. 14 x 10 x 16 in.; 30 lb\$320-\$380

LEGACY AUDIO

The following are available in a hand-rubbed walnut, black-lacquer, oak, ribbon-mahogany, or rosewood finish and feature a 10-year warranty.

Whisper 4-Way Powered Speaker

Four 15-in pulp-composite woofers, four 7-in Kevlar midbasses, one 1 1/4-in soft-dome midrange, and one samarium-cobalt ribbon tweeter. Features active crossover with room-correction circuitry; resin baffle. Biwire/biamp terminals. Power handling 1,200 W; crossover points 300, 3,000 and 10,000 Hz; FR 22-30,000 Hz; sens 95 dB; imp 4 ohms. 17 x 63 x 13 in.; 250 lb\$12,500/pr

Focus 4-Way Speaker

Three 12-in carbon-poly woofers, two 7-in Kevlar midbasses, one 1 1/4-in soft-dome midrange, one samarium-cobalt ribbon tweeter. Features internal bracing; rolled-tambour front corners. Biwire/biamp terminals. Power handling 1,000 W; crossover points 180, 2,200, and 12,000 Hz; FR 16-30,000 Hz; sens 98 dB; imp 4 ohms. 15 x 55 x 13 in.; 175 lb\$4,850/pr

Signature III 4-Way Speaker

Three 10-in carbon-poly woofers, one 7-in midbass, one 7-in carbon-poly midbass, one 1 1/4-in soft-dome midrange, one samarium-cobalt ribbon supertweeter, one 1-in rear-firing titanium tweeter. Features dipole response above 5,000 Hz; slot-loaded woofers. Biwire/biamp terminals. Power handling 400 W max; crossover points 120, 2,800, and 10,000 Hz; FR 20-30,000 Hz; sens 93 dB; imp 4 ohms. 12 x 50 x 12 in.; 130 lb\$3,600/pr

Classic 4-Way Speaker

Two 10-in carbon-poly woofers, one 7-in carbon-poly midbass, one 1 1/4-in soft-dome midrange, one samarium-cobalt ribbon supertweeter, one 1-in rear-firing titanium tweeter. Features dipole response above 5,000 Hz. Biwire/biamp terminals. Power handling 300 W; crossover points 120, 2,800, and 10,000 Hz; sens 92 dB; imp 4 ohms. 12 x 44 x 12 in.; 110 lb\$2,150/pr
Above with 7-in Kevlar midbass upgrade\$2,400/pr

Soundstage 3-Way Speaker

Two 7-in carbon-poly woofers, one 5 1/2-in Kevlar midrange, one samarium-cobalt ribbon tweeter. Features bass-enhancement circuitry. Biwire/biamp terminals. Power handling 300 W; crossover points 200 and 4,000 Hz; FR 32-30,000 Hz; sens 91 dB; imp 4 ohms. 12 x 42 x 12 in.; 95 lb\$1,796/pr

Powered Impact Subwoofer

Two 12-in long-throw carbon-poly drivers; internal 200-W amplifier. Line- and speaker-level inputs; satellite outputs. Phase control; volume control. Crossover points selectable at 55 or 95 Hz; FR 16-100 Hz. 15 1/2 x 28 1/2 x 13 1/2 in.; 105 lb\$1,595

Silver Screen 3-Way Center-Channel Speaker

Two 7-in Kevlar woofers, one 1 1/4-in soft-dome midrange, one samarium-cobalt ribbon tweeter. Biwire/biamp terminals. Power handling 300 W; crossover points 2,200 and 12,000 Hz; sens 98 dB; imp 4 ohms. 27 1/2 x 10 1/2 x 10 in.; 60 lb\$1,248

Victoria 3-Way Bookshelf Speaker

7-in carbon-poly woofer, 5 1/2-in Kevlar midrange, samarium-cobalt ribbon tweeter. Features bass-enhancement circuitry. Biwire/biamp terminals. Power handling 250 W; crossover points 200 and 4,000 Hz;

FR 36-30,000 Hz; sens 90 dB; imp 4 ohms. 12 x 23 x 12 in.; 60 lb\$1,248/pr

Cinema II 2-Way Center-Channel Speaker

Two 5 1/2-in Kevlar woofers, one samarium-cobalt ribbon tweeter. Gold-plated binding posts. Power handling 200 W; crossover point 4,000 Hz; sens 96 dB; imp 4 ohms. 18 1/2 x 7 x 8 in.; 30 lb\$796

Studio 2-Way Bookshelf Speaker

7 1/2-in Kevlar dual-voice-coil woofer, 1-in titanium-dome tweeter. Phase-compensated crossover. Gold-plated binding posts. Power handling 200 W; crossover point 2,800 Hz; FR 39-22,000 Hz; sens 90 dB; imp 4 ohms. 10 x 13 x 10 in.; 35 lb\$796/pr

Foundation Subwoofer

Two 12-in long-throw carbon-poly drivers. Configurable for mono. L/R inputs. Crossover point selectable at 55 or 95 Hz; FR 20-100 Hz. 15 1/4 x 27 1/2 x 16 in.; 100 lb\$795

Super Satellite 2-Way Bookshelf Speaker

Two 7-in carbon-poly woofers, one 1-in titanium-dome tweeter. Gold-plated binding posts. Power handling 200 W; crossover point 2,800 Hz; FR 38-22,000 Hz; sens 91 dB; imp 8 ohms. 10 1/4 x 13 x 10 1/4 in.; 40 lb\$795/pr

Mini Surround 2-Way Surround Speaker

Bipolar design with two 5 1/4-in elastomeric woofers and two 1-in titanium-dome tweeters. Gold-plated binding posts. Power handling 150 W; crossover 2,200 Hz; FR 69-22,000 Hz; sens 90 dB; imp 8 ohms. 6 1/4 x 9 x 7 1/2 in.; 20 lb\$599/pr

Satellite 2-Way Bookshelf Speaker

7-in carbon-poly woofer, 1-in titanium-dome tweeter. Gold-plated binding posts. Power handling 150 W; crossover point 2,800 Hz; FR 42-22,000 Hz; sens 90 dB; imp 4 ohms. 10 1/4 x 13 x 10 1/4 in.; 32 lb\$595/pr

Mini Monitor 2-Way Bookshelf Speaker

5 1/4-in elastomeric woofer, 1-in titanium-dome tweeter. Gold-plated binding posts. Power handling 125 W; crossover point 2,200 Hz; FR 59-22,000 Hz; sens 90 dB; imp 8 ohms. 6 1/4 x 9 x 7 1/2 in.; 16 lb\$495/pr

Monologue 2-Way Center-Channel Speaker

Two 5 1/4-in elastomeric woofers, one 1-in titanium-dome tweeter. Gold-plated binding posts. Power handling 150 W; crossover point 2,200 Hz; FR 72-22,000 Hz; imp 8 ohms. 18 1/2 x 7 x 8 in.; 22 lb\$329

LEGEND AUDIO

S-1 In-Wall Subwoofer

10-in driver. Metal enclosure for new construction or retrofit bracket optional. Power handling 120 W; FR 25-140,000 Hz; sens 90 dB SPL/W/m; imp 4 ohms. Off-white. Mounting diameter 14 x 14 in. Mounting depth 3 1/4 in. 16 lb\$600/pr
S-2. As above, dual-voice-coil driver. Imp 8 ohms. 8 lb\$475

Model 4000 2-Way In-Wall Speaker

8-in long-throw polypropylene woofer, 1 1/4-in soft-dome tweeter. Features Magnaflex tweeter cooling and damping; UL-approved ABS flame-retardant frame. Removable bracket wings; 16-gauge galvanized-steel new-construction and retrofit brackets with 6 mounting points. Customized metal enclosures for new construction and retrofit brackets optional. Power handling 120 W; crossover point 3,000 Hz; FR 25-30,000 Hz; sens 91 dB; imp 8 ohms. Off-white. Mounting diameter 14 x 11 in. Mounting depth 3 1/2 in.; 17 lb\$559/pr
Model 3000. As above, 1-in ferrofluid-cooled dome tweeter. Power handling 100 W; FR 25-24,000 Hz\$459/pr

Model 2000 2-Way In-Wall Speaker

6 1/2-in polypropylene woofer, 1 1/4-in soft-dome tweeter. Features tweeter cooling; powder-coated grille for corrosion resistance. 16-gauge galvanized-steel new-construction brackets; UL-approved flame-

SPEAKERS

retardant ABS frame with contoured face. Power handling 100 W; crossover point 3,000 Hz; FR 35-30,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Off-white. Mounting diameter 12 x 8 1/4 in. Mounting depth 3 3/4 in. 15 lb\$489/pr
Model 1000. As above, 1-in ferrofluid-cooled dome tweeter with Magnaflex damping. FR 35-24,000 Hz. 14 lb\$369/pr

LEG-602 2-Way Speaker

Two 6 1/2-in woofers, one 1-in ferrofluid-cooled aluminum-dome tweeter. Features magnetic shielding. Power handling 100 W; crossover point 3,000 Hz; FR 34-24,000 Hz; sens 90 dB; imp 8 ohms. Black. 9 x 20 x 12 in; 30 lb\$350

LEG-502. As above, 5-in woofers. Power handling 80 W; FR 54-24,000 Hz. 8 x 19 x 10 1/2 in; 28 lb\$330

LEG-605 2-Way Speaker

6 1/2-in polypropylene woofer, 1-in ferrofluid-cooled Magnaflex-damped aluminum-dome tweeter. Power handling 100 W; crossover point 3,000 Hz; FR 35-24,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Black. 9 x 14 x 7 1/4 in; 32 lb\$325/pr

LEG-80 2-Way Outdoor Speaker

4-in polypropylene woofer, 1-in ferrofluid-cooled soft-dome polymer tweeter. Features weatherproof aluminum die-cast enclosures. Includes 2 brackets and mounting hardware. Power handling 80 W max; crossover point 2,500 Hz; FR 70-20,000 Hz; sens 84 dB \pm 2 dB SPL/W/m; imp 8 ohms. Black or white. 4 1/2 x 7 1/4 x 4 1/2 in\$185/pr

LINAEUM

Model 9B 3-Way Speaker System

2 compression subwoofers, each with two 10-in drivers in compressive-load configuration; 2 line-source panels, each with 9 Lineaum drivers and 8-in carbon-fiber coupling woofer. Crossover points 80 and 200 Hz; FR 20-23,000 Hz; sens 85 dB SPL/W/m subwoofers, 94 dB SPL/W/m panels; imp 4 ohms subwoofers, 6 ohms panels. High-gloss black finish; custom finish available. 5-yr warranty. Each subwoofer 14 x 74 x 14 in. Each panel 16 x 74 x 8 in. 920 lb\$16,750

Model 3 3-Way Speaker

Slot-loaded design with one 10-in woofer, two midranges, and one tweeter. Features 6-dB/oct crossover slopes. Biwire/biamp terminals. Crossover points 450 and 15,000 Hz; FR 25-30,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. 5-yr warranty. High-gloss black finish. 14 x 44 x 19 in; 83 lb\$4,800/pr

LFX/C 2-Way Bookshelf Speaker

Ported design with 5 1/4-in polypropylene woofer and dipole tweeter. Features 6-dB/oct crossover slopes. Biwire/biamp terminals. Crossover point 2,700 Hz; FR 70-30,000 Hz; sens 89 dB SPL/W/m; imp 4 ohms. 5-yr warranty. Black Pearl Corian finish. 6 1/2 x 10 x 7 in; 13.5 lb\$1,200/pr

LFX/S 2-Way Bookshelf Speaker

Ported design with 5 1/4-in polypropylene woofer and dipole tweeter. Features 6-dB/oct crossover slopes. Biwire/biamp terminals. Crossover point 2,700 Hz; FR 70-30,000 Hz; sens 89 dB SPL/W/m; imp 4 ohms. 5-yr warranty. Black-ash finish. 6 1/2 x 10 x 7 in; 8.5 lb\$600/pr

Extreme 2-Way Bookshelf Speaker

Ported design with 7-in woofer and patented Lineaum tweeter. Features 6-dB/oct crossover slopes. Crossover point 3,000 Hz; FR 60-30,000 Hz; sens 90 dB SPL/W/m; imp 4 ohms. 5-yr warranty. Black-ash finish. 9 x 14 x 7 in; 15 lb\$300/pr

LINN

Keltik 3-Way Speaker

Infinite-baffle design with two 6 1/2 x 9 1/2-in woofers, one 5-in dome midrange, and one 3/4-in ceramic-dome tweeter. Features sculptured front baffle; active crossover; internal cabinet bracing; stabilizing internal and external veneers; steel stand. FR

20-20,000 Hz \pm 2 dB. Black-ash or walnut finish; custom finish available. 10 1/4 x 41 1/2 x 14 1/4 in\$9,995/pr

Kaber 3-Way Speaker

Infinite-baffle design with two 5-in carbon-loaded woofers and one 3/4-in ceramic-dome tweeter. Features active crossover; granite-composite stand; internal mineral absorbents; stabilizing veneers. Biwire/triwire terminals. FR 40-20,000 Hz \pm 2 dB; sens 87 dB SPL/W/m. Black-ash or walnut finish; custom finish available. 7 1/4 x 36 x 11 1/4 in\$4,190/pr
 Above with passive crossover instead of active crossover. FR 60-20,000 Hz \pm 3 dB\$2,895/pr

Keilidh 2-Way Speaker

Infinite-baffle design with two 6 1/2-in carbon-filled polypropylene woofers and one 3/4-in ceramic-dome tweeter. Features active crossover; stabilizing veneers; internal mineral absorbents; low magnetic field for use with video. Biwire/biamp terminals. Internal tweeter-level adjustment. FR 45-20,000 Hz \pm 3 dB; sens 87 dB SPL/W/m. Black-ash or walnut finish; custom finish available. 8 x 33 x 11 in\$2,590/pr
 Above with passive crossover instead of active crossover. FR 65-20,000 Hz \pm 3 dB\$1,495/pr

Tukan 2-Way Bookshelf Speaker

Infinite-baffle design with 5-in woofer and 3/4-in ceramic-dome tweeter. Features passive crossover; stabilizing veneers; internal mineral absorbents. Biwire/biamp terminals. FR 80-20,000 Hz \pm 3 dB. Black-ash or walnut finish; custom finish available. 7 1/2 x 12 x 7 3/4 in\$795/pr

Centrik 2-Way Center-Channel Speaker

Infinite-baffle design with two 6 1/2-in carbon-loaded polypropylene woofers and one 3/4-in ceramic-dome tweeter. Features low magnetic field for video use; stabilizing veneers. Biwire/biamp terminals. FR 65-20,000 Hz \pm 3 dB; sens 87 dB SPL/W/m; imp 4 ohms. Black-ash or walnut finish. 8 x 20 1/4 x 11 in\$695

Sekrit 2-Way In-Wall Speaker

Infinite-baffle or bass-reflex design with 6 1/2-in mineral-filled polypropylene woofer and 1-in aluminum-alloy tweeter. Features one-piece baffle molded in structural plastic; rear ribbing to add rigidity; 2nd-order crossover with Impedance compensation. Biwire/biamp terminals. FR 80-20,000 Hz \pm 3 dB passive, 65-20,000 Hz \pm 3 dB active; sens 90 dB SPL/W/m; imp 4 ohms passive, 6 ohms tweeter active, 4 ohms woofer active. Paintable off-white finish. Mounting diameter 9 3/4 x 17 1/4 in. Mounting depth 2 1/2 in. 6.8 lb\$650/pr

Sekrit 2-Way On-Wall Speaker

Bass-reflex design with 6 1/2-in woofer and 1-in aluminum-alloy dome tweeter. Features polymer molded cabinet. Biwire/biamp terminals. 1-dB treble reduction on crossover. Stand optional. FR 60-20,000 Hz \pm 3 dB passive, 50-20,000 Hz \pm 3 dB active; sens 90 dB SPL/W/m; imp 6 ohms. 10 x 18 1/4 x 4 1/4 in; 12.8 lb\$595/pr

MACH 1 ACOUSTICS

The following speakers feature an infinite-baffle design.

DM-1000 5-Way Speaker System

One 15-in woofer, one 10-in woofer, two 5-in cone midranges, two 1/4-in ceramic inverted-dome tweeters, and one 3-in ribbon tweeter. Features active crossover and amplification. FR 20-40,000 Hz \pm 3 dB; sens 88 dB SPL/W/m. Custom finish and grille. Four pieces\$149,995

DM-100 3-Way Speaker

Two 10-in woofers, two 5-in cone midranges, two 1 1/4-in ceramic inverted-dome tweeters. FR 30-40,000 Hz \pm 3 dB; sens 92 dB SPL/W/m; imp 2 or 4 ohms. Custom finish and grille. 12 x 48 x 16 in; 72.5 lb\$24,995/pr

DM-10 Signature MkII 3-Way Speaker

10-in woofer, 5-in cone midrange, and 1-in ceramic

inverted-dome tweeter. FR 30-40,000 Hz \pm 3 dB; sens 88 dB SPL/W/m; imp 4 or 8 ohms. Custom finish and grille. 12 x 48 x 16 in; 67.5 lb\$17,995/pr

DM-10 MkII 3-Way Speaker

9-in woofer, 4-in inverted-dome midrange, 1-in ceramic inverted-dome tweeter. FR 40-40,000 Hz \pm 3 dB; sens 88 dB SPL/W/m; imp 3 or 6 ohms. Custom finish and grille. 11 x 44 x 14 in; 55 lb\$10,995/pr

M-Four.Five 4-Way Speaker

Two 10-in woofers, two 5-in cone midranges, two 1-in and one 2 1/2-in silk-dome planar tweeters. FR 30-35,000 Hz \pm 3 dB; sens 92 dB SPL/W/m; imp 2 or 4 ohms. Oiled walnut or cherry finish with black-knit grille. 12 x 48 x 16 in; 62.5 lb\$5,995/pr

DM-5 2-Way Bookshelf Speaker

5-in woofer, one 1 1/4-in ceramic inverted-dome tweeter. FR 80-25,000 Hz \pm 3 dB; sens 88 dB SPL/W/m; imp 4 or 8 ohms. Custom finish and grille. 8 x 12 x 9 in; 7.5 lb\$4,995/pr

M-Three 3-Way Speaker

10-in woofer, 5-in cone midrange, 1-in silk-dome tweeter. FR 30-20,000 Hz \pm 3 dB; sens 88 dB SPL/W/m; imp 4 or 8 ohms. Oiled walnut or cherry finish. 12 x 48 x 16 in; 55 lb\$3,995/pr

M-Two.Five 2-Way Speaker

6 1/2-in woofer, 1-in silk-dome tweeter. FR 70-20,000 Hz \pm 3 dB; sens 92 dB SPL/W/m; imp 3 or 6 ohms. Black. 10 x 21 x 10 in; 15 lb\$2,495/pr

M-Two 2-Way Bookshelf Speaker

5-in woofer, 1-in silk-dome tweeter. FR 80-20,000 Hz \pm 3 dB; sens 92 dB SPL/W/m; imp 3 or 6 ohms. Black. 8 x 18 x 9 in; 5 lb\$1,795/pr

M-One 2-Way Bookshelf Speaker

5-in woofer, 1-in silk-dome tweeter. FR 80-20,000 Hz \pm 3 dB; sens 88 dB SPL/W/m; imp 4 or 8 ohms. Black. 8 x 12 x 9 in; 7.5 lb\$1,195/pr

MAGNEPLANAR

All models are available in light-oak or black trim with off-white, black, or gray fabric. All woofers and midranges are planar-magnetic.

MG-20 3-Way Planar Ribbon Speaker

880-square-in woofer, 3 x 48-in midrange, 1/4 x 60-in ribbon tweeter. No crossover. Biampification optional. Power handling 250 W max; FR 25-40,000 Hz; sens 87 dB SPL/W/m; imp 4 ohms. 29 x 79 in\$9,200/pr

MG-3.5 3-Way Planar Ribbon Speaker

620-square-in woofer, 170-square-in line-source midrange, 1/4 x 60-in ribbon tweeter. Biampification optional. Power handling 250 W max; FR 34-40,000 Hz; sens 85 dB SPL/W/m; imp 4 ohms. 24 x 71 in\$3,150/pr

MG-2.7 3-Way Planar/Quasi-Ribbon Speaker

620-square-in woofer, 98-square-in midrange, 1 1/2 x 56-in quasi-ribbon tweeter. Power handling 250 W max; FR 34-26,000 Hz; sens 87 dB SPL/W/m; imp 4 ohms. 22 x 71 in\$1,995/pr

MG-1.5 2-Way Planar/Quasi-Ribbon Speaker

480-square-in woofer, 1 1/2 x 52-in quasi-ribbon tweeter. Power handling 250 W max; FR 40-26,000 Hz; sens 85 dB SPL/W/m; imp 4 ohms. 19 x 64 in\$1,350/pr

MG-10 2-Way Planar/Quasi-Ribbon Speaker

340-square-in woofer, 1 1/2 x 55-in quasi-ribbon tweeter. Power handling 250 W max; FR 80-26,000 Hz; sens 85 dB SPL/W/m; imp 4 ohms. 10 1/2 x 63 in\$1,175/pr

MG-6 2-Way Planar/Quasi-Ribbon Speaker

420-square-in woofer, 1 1/2 x 40-in quasi-ribbon tweeter. Power handling 250 W max; FR 45-26,000 Hz; sens 85 dB SPL/W/m; imp 4 ohms. 19 x 50 in\$995/pr

SMGc 2-Way Planar/Quasi-Ribbon Speaker
370-square-in woofer, 1½ x 38-in quasi-ribbon tweeter. Power handling 150 W max; FR 50-26,000 Hz; sens 87 dB SPL/W/m; imp 4 ohms. 17 x 48 in. . . . \$690/pr

M & K SOUND

SS-500THX 2-Way Surround Speaker
Sealed dipole design with two 5-in polypropylene woofers and two 1-in soft-dome tweeters. Meets THX requirements. FR 100-20,000 Hz ±2 dB; imp 4 ohms. 14¼ x 6¾ x 7¾ in; 22 lb \$1,595/pr

S-100B 2-Way Satellite Speaker
Sealed design with two 5-in polypropylene woofers and three 1-in soft-dome tweeters. Includes 2 switches for tonal/timbre balance. Magnetic shielding optional. Power handling 400 W; FR 77-20,000 Hz ±2 dB. Glass-bead black finish. 12 x 10 x 8½ in \$1,195/pr

S-5000THX 2-Way Surround Speaker
Sealed design with two 6½-in polypropylene woofers and two 1-in open-back transmission-line dome tweeters. Meets THX requirements. Features trapezoidal enclosure shape. Magnetic shielding; includes 2 switches for tonal/timbre balance. FR 72-20,000 Hz ±2 dB; imp 4 ohms. Oak or black-oak finish. 24 x 11½ x 12 in; 55 lb \$1,195

S-125 2-Way Satellite Speaker
Sealed design with two 5-in polypropylene woofers and one 1-in soft-dome tweeter. Includes 2 switches for 9 variations of tonal/timbre balance. Power handling 400 W; FR 75-20,000 Hz ±2 dB. Black lacquer bead finish. 6¼ x 18½ x 8¾ in; 17 lb \$995/pr

S-90 2-Way Satellite Speaker
Sealed design with 6½-in polypropylene woofer and 1-in transmission-line soft-dome tweeter. Features trapezoidal enclosure. Includes 2 switches for tonal/timbre balance. Magnetic shielding optional. Power handling 200 W; FR 80-20,000 Hz ±2 dB. Oak or black-oak finish. 12 x 12 x 9½ in; 18 lb \$950/pr

S-1C 2-Way Surround Speaker
Sealed design with two 5-in polypropylene woofers and two 1-in open-back transmission-line soft-dome tweeters. Features push-pull woofer configuration. Magnetic shielding; includes 2 switches for tonal/timbre balance. Power handling 400 W; FR 77-20,000 Hz ±2 dB. Oak or black-oak finish. 21 x 7¼ x 10½ in; 19 lb \$825

S-150THX 2-Way Satellite Speaker
Sealed design with two 5¼-in polypropylene woofers and three 1-in dome tweeters. Meets THX requirements. Magnetic shielding; switches to adjust tonal/timbre balance. FR 72-20,000 Hz ±2 dB; imp 4 ohms. Black lacquer bead finish. 10½ x 12½ x 12½ in; 17 lb \$795

S-85 2-Way Satellite Speaker
Sealed design with 5-in polypropylene woofer and 1-in soft-dome tweeter. 4 variations of tonal/timbre balance. Magnetic shielding optional. Power handling 200 W; FR 90-20,000 Hz ±2 dB. Black lacquer bead finish. 6¼ x 10½ x 8¾ in; 11 lb \$695/pr

S-80 2-Way Satellite Speaker
Sealed design with 5-in polypropylene woofer and 1-in soft-dome tweeter. Features trapezoidal enclosure. Multiple inputs for variations in tonal/timbre balance. Magnetic shielding optional. Power handling 200 W; FR 90-20,000 Hz ±2 dB. Oak or black-oak finish. 11 x 8 x 7 in; 10 lb \$650/pr

C-125 2-Way Center-Channel Speaker
Sealed design with two 5-in polypropylene woofers and one 1-in soft-dome tweeter. Magnetic shielding; two switches for 9 variations of tonal/timbre balance. Power handling 400 W; FR 75-20,000 Hz ±2 dB. Black lacquer bead finish. 6¼ x 18½ x 8¾ in; 18 lb \$495

Powered Subwoofers
MX-5000THX Powered Subwoofer
Sealed design with two 12-in drivers; integral amp rated at 400 W rms. Meets THX requirements. Features push-pull driver configuration; low-pass filter adjustable from 50-125 Hz. Level control. FR 18-125 Hz. Oak or black-oak finish. 23¼ x 15 x 26 in; 115 lb \$2,495

MX-300. As above, amp rated at 300 W rms. Does not meet THX requirements. 23 x 18½ x 25½ in; 105 lb \$2,195

MX-200. As MX-300, amp rated at 200 W rms. FR 20-125 Hz ±2 dB. Walnut, oak, or black-oak finish. 23 x 15¼ x 19½ in; 78 lb \$1,495

MX-125. As MX-200, amp rated at 125 W rms. 70 lb \$995

MX-70B. As MX-125, 8-in drivers. FR 27-125 Hz ±2 dB. Glass-bead black or white finish. 18 x 10 x 13¾ in; 48 lb \$950

MX-150THX Powered Subwoofer
Sealed design with two 12-in drivers; integral amp rated at 150 W rms. Meets THX requirements. Features push-pull driver configuration; proprietary headroom-maximizing circuitry; switchable low-pass filter to form 24-dB/oct Linkwitz-Riley crossover at 80 Hz when used with M&K HP-80 high-pass filter. Magnetic shielding; level control. Black lacquer bead finish. 15¼ x 23 x 19½ in; 74 lb \$1,395

MX-145 Powered Subwoofer
Sealed design with two 12-in drivers; integral amp rated at 150 W. Features push-pull configuration driver; proprietary headroom-maximizing circuitry; low-pass filter adjustable between 50 and 125 Hz. Level control. FR 20-125 Hz ±2 dB. Oak, black oak, or black lacquer bead finish. 15¼ x 23 x 19½ in; 75 lb \$1,195

V-100 Powered Subwoofer
Sealed design with 12-in driver; integral amp rated at 200 W rms. Low-pass filter adjustable from 50 and 125 Hz. Level control. FR 20-125 Hz ±2 dB. Walnut, oak, or black-oak finish. 18 x 15¼ x 17½ in; 65 lb \$1,095

V-90. As above, amp rated at 90 W rms. FR 24-125 Hz ±2 dB. 18 x 15¼ x 16½ in; 50 lb \$825

VX-7B. As V-90, FR 25-125 Hz ±2 dB. Glass-bead black or white finish. 10 x 13¼ x 10¼ in; 21 lb . . . \$495

V-125THX Powered Subwoofer
Sealed design with 12-in driver; integral amp rated at 125 W rms. Meets THX requirements. Features proprietary headroom-maximizing circuitry; low-pass filter adjustable between 50 and 125 Hz. Magnetic shielding; level control. Black lacquer bead finish. 15½ x 18½ x 20¼ in; 52 lb \$850

V-125. As above, without magnetic shielding . . \$750

V-75 Powered Subwoofer
Sealed design with 12-in driver; integral amp rated at 75 W rms. Features proprietary headroom-maximizing circuitry; low-pass filter adjustable between 50 and 125 Hz. Level control. FR 30-125 Hz ±2 dB. Black lacquer bead finish. 15½ x 18½ x 20¼ in; 42 lb . . \$625

MARTIN-LOGAN

The Statement 2-Way Electrostatic Speaker System

2 woofer towers, each with four 12-in drivers mounted in individually sealed antiresonant chambers; 2 visually transparent curvilinear electrostatic panels. Features 4-chassis dual-mono active crossover with power supplies in 2 chassis and proprietary discrete Class A differential FET buffer topology in other 2. Power handling 250 W/module; FR 16-22,000 Hz ±1.5 dB; sens 90 dB SPL/W/m; imp 6 ohms. Each electrostatic panel 39½ x 84 x 6 in. Each woofer tower 15 x 84 x 30 in. Single-ended \$55,000
Balanced \$60,000

The Monolith III 2-Way Electrostatic Speaker
Curvilinear 2 x 4-ft electrostatic panel mounted atop tuned subwoofer box with 12-in cone driver. Designed for wide dispersion without use of lenses.

Features active crossover. Power handling 250 W cont; FR 28-24,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 6 ohms. 25 x 75 x 13½ in; 165 lb \$9,500/pr
With passive crossover \$6,500/pr

The Quest 2-Way Electrostatic Speaker
18 x 48-in curvilinear electrostatic panel mounted atop tuned subwoofer cabinet with 12-in driver. Power handling 200 W cont; crossover point 150 Hz; FR 28-24,000 Hz ±2 dB; sens 90 dB; imp 6 ohms. Various finishes. 19 x 73 x 18 in \$4,295/pr

The CLS II Electrostatic Speaker
Curved visually transparent 2 x 4-ft electrostatic panel. Features 30° horizontal dispersion; inverted line-source format; arc-free diaphragm. Power handling 150 W cont; FR 40-22,000 Hz ±2 dB; sens 85 dB SPL/W/m; imp 6 ohms \$3,500/pr

The SL3 2-Way Electrostatic Speaker
10-in woofer in tuned chamber, visually transparent 1 x 4-ft electrostatic cell. Features 30° horizontal dispersion; inverted line-source format. Power handling 200 W cont; FR 30-24,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 6 ohms \$3,195/pr

The Styros 2-Way Electrostatic Speaker
6½-in woofer, 9¼ x 40-in curvilinear electrostatic panel. In/on-wall mounting optional. FR 50-20,000 Hz ±3 dB; imp 4 ohms \$2,750/pr

The Aeries 2-Way Electrostatic Speaker
8-in woofer, 9¼ x 40-in curvilinear electrostatic panel. Power handling 200 W cont; crossover point 500 Hz; FR 40-20,000 Hz ±3 dB; sens 89 dB; imp 4 ohms \$1,995/pr

The Logos 3-Way Electrostatic Center Speaker
6½-in woofer, 2 curvilinear electrostatic midrange panels, 1-in tweeter. FR 50-20,000 Hz ±3 dB; sens 90 dB; imp 4 ohms \$1,750

MAXELL

MSA-1 Powered Mini Speaker
3-in full-range driver. Battery-saver circuit for auto shut-off; volume control; LED power indicator; external AC jack; bass boost: ½-in plug \$30/pr

MSP-100 Mini Speaker
2¼-in full-range driver \$8.99/pr

MBL

Model 101 Speaker
Omnidirectional design with 3 spherical dynamic drivers. Features 360° dispersion horizontally and vertically. FR 35-70,000 Hz; sens 80 dB; imp 4 ohms. 14 x 43 x 14 in; 77 lb \$29,000/pr

Model 111. As above, 4-way design with conventional bass driver with built-in subwoofer. FR 20-40,000 Hz; sens 78 dB SPL/W/m. 16 x 16 x 63 in; 132 lb \$13,400/pr

Model 300 4-Way Speaker
Bass-reflex design with 3 long-throw dual-voice-coil woofers, one ferrofluid-cooled midrange, and one ferrofluid-cooled tweeter. Features mounting of midrange and tweeter in 4-mm magnesium and aluminum plate. Sens 86 dB; imp 4 ohms. 8 x 45 x 10 in; 44 lb \$7,900/pr
Model 301. As above, 3-way design. FR 29-45,000 Hz; sens 85 dB. 33 lb \$4,900/pr

Model 201 Powered Subwoofer
120/300-W amp. Features phase-shift switch; variable level control. Crossover point selectable at 48, 68, or 96 Hz; FR 18-96 Hz. 16 x 16 x 20 in; 66 lb \$4,790

Model 311c 3-Way Bookshelf Speaker
Dual-voice-coil woofer, ferrofluid-cooled midrange, ferrofluid-cooled tweeter. Features mounting of midrange and tweeter in 4-mm magnesium and aluminum plate. FR 38-45,000 Hz; sens 84 dB; imp 4 ohms. 8 x 17 x 10 in; 13 lb \$2,980/pr

S P E A K E R S

Model 211 Powered Subwoofer
120/200-W amp. Variable level control. Crossover point selectable at 70, 100, or 140 Hz; FR 18-140 Hz. 16 x 18 x 19 in.; 55 lb\$2,800

MBL-303 2-Way Speaker
5-in midrange, 1-in tweeter. FR 38-25,000 Hz; imp 4 ohms. Custom finish\$2,450

Model 321 2-Way Bookshelf Speaker
Dual-voice-coil woofer. FR 43-34,000 Hz; sens 84 dB; imp 4 ohms. 7 x 14 x 10 in.; 9 lb\$1,900

MBL-323 2-Way Speaker
5-in woofer, 1-in tweeter. FR 44-25,000 Hz; imp 4 ohms. Custom finish\$1,650

MB QUART

D55 3-Way Speaker
Bass-reflex and acoustic-suspension design with two 6½-in treated fiber-cone woofers and one 1-in titanium-dome tweeter. Designed as stand-alone subwoofer and 2-way speaker combined in single cabinet. Features internally braced ¾-in MDF cabinet; low-saturation inductors and film capacitors; 6- and 18-dB/oct crossover slopes. Power handling 175 W; crossover points 120 and 2,900 Hz; FR 32-22,000 Hz; sens 90 dB SPL/W/m; imp 4 ohms. Black-matte finish. 9 x 38 x 12¾ in\$899/pr

QL-90 W 2-Way In-Wall Speaker
8-in treated-fiber woofer, 1-in titanium-dome tweeter. Features injection-molded fiberglass-reinforced ABS-resin frame; 12-dB/oct crossover. Power handling 100 W; crossover point 2,500 Hz; FR 55-22,000 Hz; sens 89 dB SPL/W/m; imp 4 ohms. Paintable white finish. 10¾ x 13 x 3¾ in\$649/pr

D45 2-Way Speaker
Bass-reflex design with 6½-in treated-fiber woofer and 1-in titanium-dome tweeter. Features internally braced ¾-in MDF cabinet; 12- and 18-dB/oct slopes; low-saturation inductors and film capacitors. Power handling 125 W; crossover point 2,800 Hz; FR 38-22,000 Hz; sens 89 dB SPL/W/m; imp 6 ohms. Matte-black finish. 9 x 34 x 12¾ in\$599/pr

D30 2-Way Bookshelf Speaker
Bass-reflex design with 7½-in treated-fiber woofer and 1-in titanium-dome tweeter. Features ¾-in MDF cabinet; low-saturation inductors and film capacitors; 18-dB/oct crossover slopes. Power handling 175 W; crossover point 2,800 Hz; FR 36-22,000 Hz; sens 91 dB SPL/W/m; imp 6 ohms. 11¼ x 17 x 11½ in\$599/pr

Sub Ten D Powered Subwoofer
Bass-reflex design with 10-in treated-fiber driver; 100-W amp. Features 24-dB/oct low-pass filter variable from 50-150 Hz; overdrive protection. Line- and speaker-level inputs. Variable gain. FR 28-150 Hz. 13¼ x 20½ x 17¾ in\$599

D20 2-Way Bookshelf Speaker
Bass-reflex design with 6½-in treated fiber-cone woofer and ¾-in titanium-dome tweeter. Features ¾-in MDF cabinet; low-saturation inductors and film capacitors; 12- and 18-dB/oct slopes. Magnetic shielding. Power handling 125 W; crossover point 3,400 Hz; FR 42-22,000 Hz; sens 91 dB SPL/W/m; imp 6 ohms. 12¾ x 8¾ x 11½ in\$449/pr

CTR Stage 2-Way Center-Channel Speaker
Bass-reflex design with two 5¼-in woofers and one ¾-in titanium-dome tweeter. Features MDF construction; computer-optimized 24-dB/oct crossover; low-saturation inductors and film capacitors. Power handling 150 W; crossover point 3,000 Hz; FR 55-22,000 Hz; sens 88 dB SPL/W/m; imp 6 ohms. Matte black/gray or white. 6¾ x 17 x 7¾ in\$399

Balcony Rear 2-Way Surround Speaker
Hybrid dipole design with one 4-in top-firing treated fiber-cone woofer and two ½-in titanium-dome tweeters. Features 6- and 12-dB/oct crossover slopes; MDF construction. Includes wall-mount hardware.

Power handling 100 W; crossover point 3,700 Hz; FR 75-22,000 Hz; sens 87 dB SPL/W/m; imp 6 ohms. Black or white with paintable grille. 11 x 5¾ x 5½ in\$399/pr

Quart 250 2-Way Outdoor Speaker
5¼-in aluminum woofer, ½-in polycarbonate-dome tweeter. Features 12- and 18-dB/oct filters; injection-molded fiberglass-reinforced ultraviolet-stable ABS-resin cabinet. Mounting brackets available. Power handling 75 W; crossover point 3,200 Hz; FR 78-22,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms. Solid ivory white or charcoal gray with slate-gray baffle. 7½ x 9½ x 3¾ in\$329/pr
Above with magnetic shielding. Gray\$399/pr

QL-72 2-Way In-Wall Speaker
5¼-in aluminum-cone woofer, ½-in polycarbonate-dome tweeter. Features injection-molded fiberglass-reinforced ABS-resin chassis; 12- and 18-dB/oct crossover slopes. Power handling 50 W; crossover point 4,500 Hz; sens 89 dB SPL/W/m; imp 4 ohms. Paintable white finish. 8¾ x 6¾ x 2½ in\$329/pr

CTR 2-Way Center-Channel Speaker
Bass-reflex design with 5¼-in copolymer woofer and ¾-in titanium-dome tweeter. Features ¾-in MDF cabinet; low-saturation inductors and film capacitors; computer-optimized 24-dB/oct crossover. Power handling 100 W; crossover point 3,000 Hz; FR 70-22,000 Hz; sens 87 dB SPL/W/m; imp 6 ohms. Black. 6¼ x 11 x 9½ in\$249

McINTOSH

XR290 3-Way Speaker
Four 12-in woofers, twelve 5-in midranges, 24 1-in dome tweeters. Available through special order only. Features overload protection. Power handling 1,200 W max; crossover points 400 and 1,300 Hz; FR 20-22,000 Hz ±2 dB; imp 8 ohms. Oak, walnut, or black-ash finish. 28¾ x 83 x 12½ in; 347.5 lb\$27,500/pr

XRT26 3-Way Speaker
Two 12-in woofers and one 8-in midrange in one enclosure; 23 1-in aluminum-dome tweeters in separate column. Features overload protection. Power handling 1,000 W max; crossover points 100, 250, and 1,500 Hz; FR 32-22,000 Hz ±2 dB; imp 4 ohms. Walnut black-ash finish. Woofer/midrange enclosure 20 x 43¾ x 15½ in. Tweeter column 17 x 86 x 15 in\$14,000/pr
CS26. Stand for tweeter column\$500/pr

XRT24 3-Way Speaker
Two 10-in rear-firing boundary-loaded woofers and one 8-in midrange in one enclosure; 16 1-in aluminum-dome tweeters in separate column. Features overload protection. Power handling 1,000 W; crossover points 250 and 1,500 Hz; FR 36-22,000 Hz ±2 dB; imp 4 ohms. Walnut or black-ash finish. 14½ x 84 x 19 in; 130 lb\$8,500/pr

LS350 3-Way Speaker
Two 10-in woofers, one 5-in midrange, one 1-in aluminum-dome tweeter. Features woofer distortion-reduction circuitry. Power handling 500 W; crossover points 450 and 2,500 Hz; FR 45-22,000 Hz ±2 dB; imp 4 ohms. Walnut or black-ash finish. 15½ x 44 x 12¾ in; 87.5 lb\$3,500/pr

SL-6 2-Way THX Speaker
Three 6½-in polypropylene woofers, three 1-in metal-dome tweeters. Features THX certification. Crossover points 200 and 1,800 Hz; FR 48-18,000 Hz ±2 dB; imp 4 ohms. Black or walnut finish. 12½ x 47 x 10 in; 55.5 lb\$2,500/pr

LS330 2-Way Speaker
Two 8-in woofers, one 1-in aluminum-dome tweeter. Features woofer distortion-reduction circuitry. Low magnetic radiation for use near TV/monitor. Power handling 300 W; crossover points 350 and 3,500 Hz; FR 55-22,000 Hz ±2 dB; imp 4 ohms. Walnut or black-ash finish. 13 x 36 x 12 in\$2,000/pr
LS310. As above, single woofer. Power handling 200

W; crossover point 2,500 Hz; FR 60-22,000 Hz ±2 dB. 10½ x 18½ x 10½ in; 49 lb\$2,200/pr

SL-4 2-Way Speaker
Two 6½-in polypropylene woofers, one 1-in metal-dome tweeter. Crossover points 2,400 Hz; FR 54-20,000 Hz ±2 dB; imp 4 ohms. Black or walnut finish. 10 x 41 x 10¼ in; 46.5 lb\$1,750/pr

HT Series

The following are THX certified.

HT3F 2-Way In-Wall THX Surround Speaker
Dipole anti-phase design with two 5-in woofers and two 1-in dome tweeters. Features angled faces. Flush in-wall mounting. Power handling 150 W; crossover point 1,500 Hz; FR 85-12,000 Hz; imp 4 ohms. Textured black with white paintable grille. 15½ x 15½ in. Mounting depth 4 in\$2,000/pr
HT3W. As above, on-wall surface mounting. Depth 6 in\$2,000/pr

HT2 THX Subwoofer
Vented design with two 12-in down-firing drivers. Power handling 600 W; FR 42-200 Hz ±2 dB; imp 4 ohms. Walnut or black-ash finish. 30 x 20½ x 20 in; 90.5 lb\$1,750

HT1 2-Way THX Speaker
Two 8-in woofers, three 1-in aluminum-dome tweeters. Features rotating tweeter panel. Power handling 300 W; crossover points 500 and 1,400 Hz; FR 55-22,000 Hz ±2 dB; imp 4 ohms. Walnut or black-ash finish. 15½ x 22½ x 10½ in; 42 lb\$1,100

HT4 2-Way THX Center-Channel Speaker
Two 6½-in woofers, three 1-in aluminum-dome tweeters. Power handling 200 W; crossover point 1,250 Hz; FR 60-22,000 Hz ±2 dB; imp 4 ohms. Black-ash finish. 21 x 8 x 10½ in; 23 lb\$900

MERET AUDIO

Other finishes are available as special orders for an additional cost.

Ay 2-Way Speaker
9-in Kevlar woofer, 1-in concave titanium-dome tweeter. Features 2-layer constrained-mode high-density fiberboard construction; biwire configuration; angled enclosure front. Cardas gold/rhodium binding posts. Power handling 150 max; FR 50-20,000 Hz ±1.5 dB; sens 89 dB SPL/W/m; imp 8 ohms. Hardwood veneer finish. 10½ x 43 x 31 in\$4,200/pr

Re 2-Way Bookshelf Speaker
7-in Kevlar woofer, 1-in concave titanium-dome tweeter. Features 2-layer constrained-mode high-density fiberboard construction; angled enclosure front. Power handling 150 W max; FR 70-20,000 Hz ±1.5 dB; sens 88 dB SPL/W/m; imp 8 ohms. Hardwood veneer finish. 9 x 16½ x 18 in\$3,000/pr
Nextel finish\$2,600/pr

Ankh 2-Way Bookshelf Speaker
5-in Kevlar woofer, 1-in titanium-dome tweeter. Features high-density fiberboard construction; angled enclosure front. Cardas gold/rhodium biwire/biamp binding posts. Power handling 150 W max; FR 77-20,000 Hz ±1.5 dB; sens 87 dB SPL/W/m; imp 8 ohms. Hardwood veneer finish. 8 x 14 x 12½ in\$2,300/pr
Nextel finish\$2,100/pr

MERIDIAN

The following feature custom-designed drivers.

DSP6000 3-Way Digital Powered Speaker
Bass-reflex design with four 8-in long-throw doped-paper woofers, one 6½-in polypropylene midrange, and one 1¾-in horn-loaded tweeter; four amps rated at 75 W each. Features digital crossover with two Motorola DSP chips; three bitstream D/A converters; phase-correcting midrange plug. 2 coaxial and 2

fiber-optic digital inputs. 4-character display; system remote control with bass, tilt, axis, volume, balance, and phase controls. FR 20-20,000 Hz. 10% x 52 1/2 x 16 1/4 in\$16,000/pr
DSP6000C. Center-channel version of the above model\$8,650

DSP5000 3-Way Digital Powered Speaker

Ported design with one 6 1/2-in polypropylene woofer, one 6 1/2-in polypropylene midrange, and one 1 1/4-in horn-loaded tweeter; three amps each rated at 75 W. Features digital crossover with Motorola DSP chip; 18-bit Delta-Sigma D/A conversion; digitally processed tilt, balance, and axis controls. 2 coaxial digital inputs. 4-character display; system remote control with bass, tilt, axis, volume, balance, and phase controls. FR 35-20,000 Hz. Rosewood finish. 8 3/4 x 35 1/2 x 11 1/4 in\$5,240/pr
Black\$4,990/pr
DSP5000C. Center-channel shelf-mount version of the DSP5000. FR 42-20,000 Hz. 26 1/2 x 7 3/4 x 10 1/4 in\$2,750

M60.2 3-Way Powered Speaker

Ported design with one 6 1/2-in polypropylene woofer, one 6 1/2-in polypropylene midrange, and one 1 1/4-in horn-loaded tweeter; three amps each rated at 75 W. Features active crossover. Balanced and unbalanced inputs. FR 38-20,000 Hz. Rosewood finish. 8 3/4 x 35 1/2 x 11 1/4 in\$3,445/pr
Black\$3,195/pr

M60C 2-Way Powered Center-Channel Speaker

Ported design with one 6 1/2-in polypropylene woofer, one 6 1/2-in polypropylene midrange, and one 1 1/4-in horn-loaded tweeter; three amps each rated at 75 W. Features active crossover. Balanced and unbalanced inputs. FR 45-20,000 Hz. 26 1/2 x 7 3/4 x 10 1/4 in\$1,750

A500 3-Way Speaker

Sealed design with 6-in doped-paper woofer, 6-in midrange, and 1 1/4-in horn-loaded tweeter. FR 45-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Rosewood finish. 7 3/4 x 32 1/2 x 11 in\$1,375/pr
Black\$1,295/pr

MERLIN

The following, except VSM, are available with an oak or black finish.

Excalibur III 3-Way Speaker

Vented design with two 8-in woofers, two 4 1/2-in cone midranges, and one 1-in dome tweeter. Includes midrange and tweeter level controls. Crossover points 500 and 3,000 Hz; FR 30-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 17 x 64 x 14 in; 250 lb\$9,200/pr

Pendragon III 3-Way Speaker

Vented design with 8-in woofer, 4 1/2-in cone midrange, and 1-in dome tweeter. Midrange and tweeter level controls. Crossover points 500 and 3,000 Hz; FR 33-20,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 8 ohms. 17 x 48 x 14 in; 160 lb\$7,100/pr

EXL IV 3-Way Speaker

Vented design with two 8-in woofers, two 4 1/2-in cone midranges, and one 1-in dome tweeter. Includes midrange and tweeter level controls. Crossover points 500 and 3,000 Hz; FR 30-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 16 x 62 x 13 in; 180 lb\$5,800/pr

EXL III 3-Way Speaker

Vented design with 8-in woofer, 4 1/2-in cone midrange, and 1-in dome tweeter. Midrange and tweeter level controls. Crossover points 500 and 3,000 Hz; FR 33-20,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 8 ohms. 16 x 45 x 13 in; 120 lb\$3,600/pr

VSM 2-Way Speaker

Vented design with one 6 1/2-in woofer and one 1-in dome tweeter. Crossover point 2,100 Hz; FR 55-20,000 Hz ±1.75 dB; sens 88 dB SPL

W/m; imp 8 ohms. Black lacquer finish. 11 x 43 x 9 in; 90 lb\$3,500/pr

EXL II 2-Way Speaker

Vented design with 8-in woofer and 1-in dome tweeter. Tweeter level control. Crossover point at 2,200 Hz; FR 38-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 12 x 42 x 12 in; 77 lb\$2,200/pr

EXL I 2-Way Speaker

Vented design with 6 1/2-in woofer and 1-in dome tweeter. Includes tweeter level control. Crossover point at 2,700 Hz; FR 45-19,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms. 10 1/2 x 38 x 10 1/2 in; 50 lb\$1,700/pr

MICHAEL GREEN DESIGNS

Chameleon III 2-Way Speaker

Bass-reflex design with 8-in woofer and 1-in dome tweeter. Features resonance-tuned cabinet; outboard crossover; imaging air foil. FR 25-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 4/8 ohms. Various finishes available. 42 x 12 x 17 in; 84 lb\$5,700/pr
Chameleon II. As above, no outboard crossover or foil. 79 lb\$4,450/pr

Revolution Series

The following feature a resonance-tunable cabinet and are available with a cherry or black-stained oak finish.

Rev 80 2-Way Speaker

Bass-reflex design with one 8-in mineral-filled poly woofer and one 1-in ferrofluid-cooled textile-dome tweeter. FR 34-20,000 Hz ±3 dB; sens 89 dB; imp 8 ohms. 36 x 9 x 13 in\$1,295/pr

Rev 60 2-Way Speaker

Bass-reflex design with 6 1/2-in polypropylene woofer and 1-in ferrofluid-cooled textile-dome tweeter. FR 38-20,000 Hz ±3 dB; sens 88 dB; imp 8 ohms. 34 x 7 x 10 in\$995/pr

Rev 6 2-Way Bookshelf Speaker

Bass-reflex design with 6 1/2-in polypropylene woofer and 3/4-in ferrofluid-cooled soft-dome tweeter. FR 40-20,000 Hz ±3 dB; sens 88 dB; imp 8 ohms. 18 x 7 x 12 in\$799/pr

Rev 5 2-Way Bookshelf Speaker

Bass-reflex design with 5 1/2-in treated-paper cone woofer and 3/4-in ferrofluid-cooled soft-dome tweeter. FR 45-20,000 Hz ±3 dB; sens 88 dB; imp 8 ohms. 12 x 7 x 10 in\$599/pr

MIRAGE

M-1si 4-Way Speaker

Dual-vented bipolar design with two 8-in carbon-filled polypropylene woofers, two 5-in carbon-filled injection-molded polypropylene midranges, and two 1-in titanium/cloth hybrid hyperbolic-dome tweeters. Gold-plated biwire/biamp terminals. Power handling 500 W rms; crossover points 300 Hz and 2,000 Hz; FR 25-33,000 Hz; sens 86 dB; imp 6 ohms. High-gloss black finish. 60 x 20 x 10 in; 185 lb\$5,500/pr

M-3si 3-Way Speaker

Vented bipolar design with one 10-in carbon-filled polypropylene woofer, two 5-in carbon-filled injection-molded polypropylene midranges, and two 1-in titanium/cloth hybrid hyperbolic-dome tweeters. Gold-plated biwire/biamp terminals. Power handling 300 W rms; crossover points 350 Hz and 2,000 Hz; FR 30-33,000 Hz; sens 87 dB; imp 6 ohms. High-gloss black finish. 53 x 18 x 9 in; 135 lb\$3,000/pr

M-5si 3-Way Speaker

Vented bipolar design with two 6 1/2-in injection-molded polypropylene woofers and two 1-in titanium/cloth hybrid hyperbolic-dome tweeters. Gold-plated biwire/biamp terminals. Power handling 200 W rms; crossover point 2,000 Hz; FR 35-22,000 Hz; sens 88 dB; imp 6 ohms. High-gloss black finish. 49 x 16 x 8 in; 85 lb\$1,800/pr

BPSS-210 Powered Subwoofer

Acoustic-suspension design with two 10-in drivers; amplifier rated at 250 W with 0.08% THD. Features dual chambers; Class A/B amp; servo control. FR 18-100 Hz ±3 dB. High-gloss black finish. 24 x 18 x 18 in; 98 lb\$1,500

M-7si 3-Way Speaker

Vented bipolar design with 8-in injection-molded polypropylene woofer, 5-in rear-radiating injection-molded midrange, and 1-in titanium/cloth hybrid hyperbolic-dome tweeter. Gold-plated biwire/biamp terminals. Power handling 175 W rms; crossover points 480 Hz and 2,000 Hz; FR 38-22,000 Hz; sens 88 dB; imp 6 ohms. High-gloss black finish. 45 x 14 x 7 in; 80 lb\$1,300/pr

Model 1090i 2-Way Speaker

Vented bipolar design with two 6 1/2-in injection-molded woofers and two 1-in vapor-deposited titanium-dome tweeters. 5-way binding posts. Power handling 175 W rms; FR 32-22,000 Hz ±3 dB; sens 89 dB; imp 6 ohms. High-gloss black finish. 46 x 12 x 10 in; 71 lb\$1,200/pr

Model 890i. As above, with 5 1/2-in woofers. Power handling 150 rms; FR 38-22,000 Hz ±3 dB; sens 88 dB. 40 x 11 x 9 in; 60 lb\$900/pr

Model 590i. As Model 890i, 3/4-in tweeters. Power handling 125 W rms; FR 42-22,000 Hz ±3 dB. 36 x 10 x 8 in; 50 lb\$650/pr

BPS-150 Powered Subwoofer

Vented bipolar design with two 8-in drivers; 150-W amp. Features Class A/B amplifier with protection circuitry; high-pass filter. Line- and speaker-level inputs. Adjustable low-pass filter; 0-180° phase control. FR 24-150 Hz. Black. 16 x 21 x 16 in; 58 lb\$680
BPS-100. As above, 6 1/2-in drivers, 100-W amp. FR 29-150 Hz. 10 x 21 x 16 in; 42 lb\$480

Model 390vi 2-Way Speaker

Vented design with two 5 1/2-in injection-molded polypropylene woofers and one 1-in vapor-deposited titanium-dome tweeter. 5-way binding posts. Magnetic shielding. Power handling 125 W rms; FR 43-22,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 6 ohms. High-gloss black finish\$600/pr

MS-12 Powered Subwoofer

Vented design with one 12-in front-firing driver; 100-W amp. Features Class A/B amplifier operation with protection circuitry; high-pass filter. Line- and speaker-level inputs. Adjustable low-pass filter; 0-180° phase control. FR 28-150 Hz. 17 x 18 x 15 in; 48 lb\$550

MC-sl 2-Way Center-Channel Speaker

Vented design with two 5 1/2-in injection-molded woofers and one 1-in titanium-hybrid dome tweeter. Magnetic shielding. Power handling 150 W rms; crossover point 2,000 Hz; FR 45-23,000 Hz; sens 86 dB SPL/W/m; imp 8 ohms. Black gloss top and bottom. 8 x 19 x 12 in\$500

MC-2 2-Way Center-Channel Speaker

Dual-vented design with two 6 1/2-in injection-molded polypropylene woofers and one 1-in ferrofluid-cooled vapor-deposited titanium-dome tweeter. Magnetic shielding. Power handling 200 W rms; FR 38-22,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. High-gloss black finish. 9 x 24 x 11 in\$500
MC-3. As above, 5 1/2-in woofers. Power handling 150 W rms; FR 47-22,000 Hz. Black. 7 x 22 x 11 in; 26 lb\$350
MC-4. As MC-3, 4 1/2-in woofers, 3/4-in titanium-dome tweeter. Power handling 100 W rms; FR 60-22,000 Hz; sens 88 dB SPL/W/m. 6 x 9 x 9 in; 17 lb\$200

Model 290vi 2-Way Bookshelf Speaker

Vented design with 6 1/2-in injection-molded polypropylene woofer and 1-in vapor-deposited titanium-dome tweeter. 5-way binding posts. Magnetic shielding. Stands available. Power handling 100 W rms; FR 45-22,000 Hz; sens 88 dB SPL/W/m; imp 6 ohms. High-gloss black finish. 17 x 10 x 11 in\$450/pr
Model 190vi. As Model 290vi, but with 5 1/2-in woofer

S P E A K E R S

er. FR 55-22,000 Hz; sens 87.5 dB SPL/W/m. 13 x 7 x 11 in\$350/pr
Model 90vi. As Model 190vi, ¾-in titanium-dome tweeter. Power handling 80 W rms; FR 60-20,000 Hz; sens 86 dB SPL/W/m\$250/pr

MBS-2 2-Way Surround Speaker

Bipolar 3rd-order sealed design with two 5/8-in injection-molded polypropylene woofers and two 1-in ferrofluid-cooled vapor-deposited titanium-dome tweeters. Compatible with Mirage powered subwoofers. Magnetic shielding. Power handling 175 W rms; FR 60-20,000 Hz; sens 88 dB SPL/W/m; imp 6 ohms. High-gloss black or white\$300/pr
MBS. As above, 4/8-in woofers, ½-in tweeters. Power handling 100 W rms; FR 120-20,000 Hz; imp 8 ohms. 11 x 7 x 5 in; 7 lb\$175/pr

MISSION

Cyrus 753 2-Way Speaker

Four 5/8-in long-throw paper-cone woofers, one 1-in ferrofluid-cooled 5-layer laminated composite dome tweeter. Features hard-wired crossover; split crossover network; fiberboard enclosure; MDF baffle; polyurethane-foam and polyester-fiber damping. Gold 5-way binding posts. Crossover points 200 Hz and 2,300 Hz; FR 80-20,000 Hz ±1.5 dB; sens 90 dB SPL/W/m. Rosewood veneer finish. 34½ x 8½ x 12¼ in\$2,000/pr
 Black-ash finish\$1,800/pr

Cyrus 752 2-Way Speaker

Reflex-loaded design with one 6½-in Aerogel-membrane woofer and one 1-in ferrofluid-cooled 5-layer polypropylene/aluminum laminated-dome tweeter. Features fiberboard enclosure; slanted baffleboard; polyurethane-foam and polyester-fiber damping; viscoelastic damping and bracing. Gold 5-way binding posts. Crossover point 2,300 Hz; FR 80-20,000 Hz ±1.25 dB; sens 90 dB SPL/W/m. Rosewood finish. 33 x 7½ x 10 in\$1,300/pr
 Black-ash finish\$1,200/pr

Model 735 3-Way Speaker

Reflex-loaded design with two 7-in polypropylene woofers, one 7-in polypropylene cone midrange, and one 1½-in ferrofluid-cooled laminated-composite dome tweeter. Features molded baffle; isolated midrange and tweeter; high-density board enclosure; polyurethane-foam damping. 5-way biwire/biamp binding posts. Crossover point 3,200 Hz; FR 60-20,000 Hz ±2 dB; sens 90 dB SPL/W/m. Black-ash finish. 41¾ x 8 x 13 in\$1,099/pr

SW76 Powered Subwoofer

Reflex-loaded design with one 12-in down-firing dual-voice-coil paper driver. Features variable low- and high-pass filters; MDF enclosure. Line- and speaker-level outputs; gold-plated RCA connectors; 5-way binding posts. Adjustable level control; input-level control; phase-reverse switch; auto turn-on. Power handling 150 W rms; crossover point 40-180 Hz; FR 20-250 Hz; sens 90 dB\$900

Model 734 3-Way Speaker

Reflex-loaded design with two 7-in polypropylene woofers, one 7-in polypropylene midrange, and one 1½-in ferrofluid-cooled laminated composite dome tweeter. Features injection-molded 40%-mineral-loaded polypropylene baffle; high-density particleboard enclosure; polyurethane-foam damping. 5-way binding posts. Crossover point 3,200 Hz; FR 60-20,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black-ash finish. 33 x 8 x 13 in\$899/pr

Cyrus 751 2-Way Bookshelf Speaker

Reflex-loaded design with 5/8-in polypropylene woofer and 1-in ferrofluid-cooled 5-layer laminated composite-dome tweeter. Features inverted drive-unit geometry; injection-molded membrane; MDF enclosure; polyurethane-foam and viscoelastic damping. Gold-plated 5-way binding posts. Crossover point 3,200 Hz; FR 80-20,000 Hz ±2 dB; sens 89 dB SPL/W/m. Rosewood finish. 12½ x 7¾

x 10½ in\$850/pr
 Black-ash finish\$800/pr

Model 733 2-Way Speaker

Reflex-loaded design with two 7-in polypropylene woofers and one 1½-in ferrofluid-cooled laminated-composite dome tweeter. Features injection-molded 40%-mineral-loaded polypropylene baffle; high-density particleboard enclosure; polyurethane-foam damping. 5-way binding posts. Crossover point 3,200 Hz; FR 60-20,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black-ash finish. 33 x 8 x 12 in\$649/pr

Model 732 2-Way Bookshelf Speaker

Reflex-loaded design with 7-in polypropylene woofer and 1½-in ferrofluid-cooled composite laminated dome tweeter. Features injection-molded Mica-loaded polypropylene baffle; high-density particleboard enclosure; polyurethane-foam damping. 5-way binding posts. Crossover point 3,200 Hz; FR 70-20,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 6 ohms. Black-ash finish. 8 x 15½ x 12 in\$449/pr

Model 73PS Subwoofer

Bandpass design with 7-in polypropylene driver. Features injection-molded Mica-loaded polypropylene front baffle with integral reflex port; high-density particleboard enclosure. Crossover point 120 Hz; FR 50-120 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black-ash finish. 19 x 8 x 12 in\$379/pr

Model 73C 2-Way Center-Channel Speaker

Reflex-loaded design with two 4¼-in paper woofers and one 1½-in polypropylene-cone tweeter. Injection-molded Mica-loaded polypropylene baffle; high-density fiberboard enclosure. Magnetic shielding. Crossover point 1,700 Hz; FR 80-20,000 Hz ±2 dB; imp 8 ohms. Black-ash finish. 6½ x 17 x 7¾ in\$249

Model 731 2-Way Bookshelf Speaker

Reflex-loaded design with 5¼-in paper woofer and 1½-in ferrofluid-cooled composite laminated dome tweeter. Features injection-molded Mica-loaded polypropylene front and rear baffles isolated from each other; high-density particleboard-wrap enclosure; polyester-fiber damping. 5-way binding posts. Crossover point 3,100 Hz; FR 75-20,000 Hz ±2.5 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black-ash finish. 12½ x 7 x 8 in\$249/pr

Model 73S 2-Way Satellite Speaker

Reflex-loaded design with 4¼-in paper woofer and ¾-in ferrofluid-cooled polycarbonate-dome tweeter. Features injection-molded Mica-loaded polypropylene enclosure and baffle; polyurethane-foam damping. Magnetic shielding. Crossover point 3,500 Hz; FR 75-20,000 Hz ±2.5 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black-satin finish. 6½ x 10¼ x 6½ in\$249/pr

MONITOR AUDIO

MAG903 3-Way Speaker

Two 5¼-in metal-cone woofers, one 1-in gold-anodized dome tweeter. Mass loadable. Biwire/biamp terminals. Magnetic shielding. Power handling 200 W max; imp 6 ohms. Rosewood finish\$2,799/pr
 Black\$2,299/pr

MAG902 3-Way Bookshelf Speaker

Two 5¼-in metal-cone woofers, one 1-in gold-anodized dome tweeter. Biwire/biamp terminals. Magnetic shielding. Power handling 200 W max; imp 6 ohms. Rosewood finish\$2,099/pr
 Black\$1,599/pr

MAG901 2-Way Bookshelf Speaker

5¼-in metal-cone woofer, 1-in gold-anodized dome tweeter. Biwire/biamp terminals. Magnetic shielding. Power handling 100 W max; imp 6 ohms. Rosewood finish\$1,399/pr
 Black\$1,099/pr

MA303 2-Way Speaker

Two 5¼-in polypropylene woofers, one ¾-in gold-anodized dome tweeter. Biwire/biamp terminals.

Magnetic shielding. Power handling 200 W max; imp 6 ohms. Black textured finish\$999/pr

CC900 3-Way Speaker

Two 5¼-in cone woofers, one 1-in gold-anodized dome tweeter. Power handling 200 W max; imp 6 ohms. Black\$799

MA302 2-Way Bookshelf Speaker

Two 5¼-in polypropylene woofers, one ¾-in gold-anodized dome tweeter. Biwire/biamp terminals. Magnetic shielding. Power handling 200 W max; imp 6 ohms. Black textured finish\$799/pr

MA301 2-Way Bookshelf Speaker

5¼-in polypropylene woofer, ¾-in gold-anodized dome tweeter. Features MDF cabinet. Biwire/biamp terminals. Magnetic shielding. Power handling 100 W max; imp 6 ohms. Black textured finish\$499/pr

CC300 2-Way Center-Channel Speaker

Two 5¼-in polypropylene woofers, one ¾-in gold-anodized dome tweeter. Power handling 200 W max; imp 6 ohms. Black textured finish\$449

Studio Series

Studio 50 3-Way Speaker

Two ceramic-coated aluminum alloy woofers, one ceramic-coated aluminum alloy midrange, one aluminum alloy gold-anodized dome tweeter. Features biwireable crossover; MDF cabinet. Power handling 300 W max; FR 25-30,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black-oak or rosewood-veneer finish. 8 x 41 x 12 in; 56 lb\$5,600/pr
 Grand-piano black or rosewood lacquer\$9,000/pr

Studio 20SE 2-Way Speaker

Ceramic-coated aluminum alloy woofer, aluminum alloy gold-anodized dome tweeter. Power handling 200 W max; FR 30-30,000 Hz ±3 dB; sens 88.5 dB SPL/W/m; imp 8 ohms. Black-oak or rosewood-veneer finish. 8 x 36 x 10¼ in; 55 lb\$3,999/pr
 Grand-piano black or rosewood lacquer\$5,399/pr

Studio 6 2-Way Bookshelf Speaker

Twin-flow time-aligned tuned-port design with ceramic-coated aluminum-alloy woofer and aluminum-alloy gold-anodized dome tweeter. Power handling 200 W max; FR 40-30,000 Hz ±3 dB; sens 88.5 dB SPL/W/m; imp 8 ohms. Black-oak or rosewood veneer finish. 8½ x 13½ x 10 in; 22 lb\$1,999/pr
 Grand-piano black or rosewood lacquer\$2,499/pr

Studio 2 2-Way Bookshelf Speaker

Bass-reflex design with one 5-in ceramic-coated aluminum-alloy woofer and one 1-in gold-anodized dome tweeter. Features MDF construction. Biwire/biamp terminals. Power handling 100 W max; FR 70-20,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Black-oak veneer finish. 6½ x 10½ x 8½ in\$1,999/pr
 Rosewood finish\$1,399/pr

MORDAUNT-SHORT

HT-50 2-Way Speaker

Two 8-in woofers, third 8-in driver for built-in subwoofer, one 1-in aluminum-dome tweeter. Features particleboard enclosure. Gold-plated binding posts with separate posts for subwoofer. Power handling 120 W; FR 40-20,000 Hz; sens 90 dB; imp 8 ohms. 34½ x 9½ x 13 in\$1,099/pr

HT-30 2-Way Bookshelf Speaker

8-in woofer, 1-in aluminum-dome tweeter. Features overload protection; particleboard enclosure with molded front and rear baffles. Gold-plated binding posts. Magnetic shielding. Stand optional. Power handling 120 W; FR 50-20,000 Hz; sens 90 dB; imp 8 ohms. 16½ x 9½ x 11 in\$549/pr

SW-1 Subwoofer

Two 6½-in drivers. Features overload protection; particleboard enclosure. Spring terminals. Power handling 100 W; FR 45-110 Hz; sens 90 dB; imp 8 ohms. 21½ x 9½ x 10 in\$349

CS-1 2-Way Bookshelf Speaker

4-in woofer, 1/2-in fluid-cooled polyimide-dome tweeter. Features overload protection; Mica-loaded polymer enclosure. Gold-plated binding posts. Bracket or stand optional. Power handling 100 W; FR 80-20,000 Hz; sens 87 dB; imp 8 ohms. 6 1/2 x 9 1/2 x 5 1/2 in \$229/pr

Music Series

The following feature a 5-year warranty.

MS50 2-Way Speaker

Two 8-in woofers, one 1-in aluminum-dome tweeter. Features polypropylene-capacitor filter; particle-board enclosure; composite-MDF front baffle, Mica-loaded resin rear baffles. Gold-plated 5-way biwire/biamp binding posts. Power handling 200 W rms; FR 40-20,000 Hz; sens 90 dB; imp 8 ohms. Black-ash finish. 9 1/2 x 34 1/2 x 13 in \$1,049/pr

MS40. As above, 6 1/2-in woofers. Power handling 150 W rms; FR 45-20,000 Hz. 9 x 32 1/2 x 10 1/2 in . . . \$849/pr

MS30 2-Way Bookshelf Speaker

8-in woofer, 1-in aluminum-dome tweeter. Polypropylene-capacitor filter; particle-board enclosure; injection-molded Mica-loaded resin front and rear baffles. Gold-plated 5-way biwire/biamp binding posts. Power handling 100 W rms; FR 50-20,000 Hz; sens 90 dB; imp 8 ohms. Black ash. 9 1/2 x 16 1/2 x 11 in . . . \$499/pr

MS20. As above, 6 1/2-in woofer. Power handling 75 W rms; FR 55-20,000 Hz; sens 89 dB. 8 1/2 x 14 1/2 x 8 1/2 in \$399/pr

MS10. As MS30, 5 1/2-in woofer. Not blwirable. Power handling 60 W rms; FR 60-20,000 Hz; sens 88 dB. 7 1/2 x 12 x 8 1/2 in \$299/pr

MS05 2-Way Bookshelf Speaker

Reflex-ported design with 4-in forward-firing woofer and 1/2-in liquid-cooled polyimide cone/dome tweeter. Features polypropylene-capacitor filter; high-density particleboard enclosure; injection-molded mica-loaded resin front and rear baffles; copper internal wiring; aligned phase plug. Gold-plated 5-way binding posts. Power handling 120 W; FR 65-20,000 Hz; sens 87 dB; imp 8 ohms. Black-ash finish. 10 1/2 x 6 1/2 x 7 1/2 in; 6.6 lb \$219/pr

MOREL

The following feature a 5-year warranty. Stands in 9-inch and 20-inch heights are available.

MLP-501 3-Way Speaker

9-in woofer, 3-in soft-dome midrange, 1 1/2-in ferrofluid-cooled soft-dome tweeter. Copper binding posts. Power handling 150 W rms; FR 38-25,000 Hz \pm 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Walnut, teak, or black wood veneer finish. 10 1/2 x 32 1/2 x 12 in . . . \$999/pr

MLP-403.3. As above, bookshelf design. 12 x 21 1/2 x 10 1/2 in \$845/pr

Duet 2-Way Bookshelf Speaker

6-in woofer, 1 1/2-in ferrofluid-cooled soft-dome tweeter. Power handling 150 W rms; FR 40-22,000 Hz \pm 2 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black. 8 x 15 x 12 in; 26 lb \$995/pr

Duet. As above, oak finish \$945/pr

Encore Subwoofer/Satellite System

Subwoofer with two 9-in drivers; 2 satellites, each with 6-in cone midbass and 1 1/2-in ferrofluid-cooled soft-dome tweeter. Features push-pull subwoofer-driver configuration; passive crossover incorporating high-pass and low-frequency cutoffs; satellites consisting of separate small and large enclosures for tweeter and midbass. Includes adjustable wall-mounting bracket. Power handling 150 W subwoofer, 120 W satellites; crossover point 90 Hz; FR 30-22,000 Hz \pm 3 dB; sens 91 dB; imp 4 ohms. Subwoofer 20 x 11 x 14 in. Each satellite 7 x 11 x 6 in . . . \$795

Satellites only \$499/pr
Subwoofer only \$499/pr

MLP-203 2-Way Bookshelf Speaker

8-in woofer, 1 1/2-in ferrofluid-cooled soft-dome tweeter \$640/pr

MLP-202 II 2-Way Bookshelf Speaker

6-in long-throw woofer and 1 1/2-in ferrofluid-cooled soft-dome tweeter. Includes copper binding posts. Power handling 150 W; FR 58-28,000 Hz \pm 3 dB; sens 88 dB SPL/W/m; imp 4 ohms. 8 x 13 x 10 in; 17 lb \$545/pr

CR-7 2-Way Bookshelf Speaker

6-in woofer and 1 1/2-in ferrofluid-cooled soft-dome tweeter. Includes mounting bracket. 7 1/2 x 11 x 4 1/2 in \$498/pr

MLP-201.2 2-Way Bookshelf Speaker

9-in woofer and 1 1/2-in ferrofluid-cooled soft-dome tweeter. Power handling 100 W rms; FR 48-25,000 Hz \pm 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Red walnut or black wood veneer. 10 x 16 x 10 in; 19 lb \$450/pr

MLP-307 3-Way Speaker

Ported design with two 9-in woofers and one 1-in ferrofluid-cooled semi-horn-shaped soft-dome tweeter. Features cabinet divided into 2 compartments, serving as acoustic filter. Power handling 200 W; crossover points 300 and 1,800 Hz; FR 33-25,000 Hz \pm 3 dB; sens 93 dB SPL/W/m; imp 8 ohms. Teak and walnut veneer or black lacquer finish. 24 x 13 1/2 x 11 in; 31 lb \$400/pr

MLP-201.3 2-Way Bookshelf Speaker

9-in woofer, 1 1/2-in ferrofluid-cooled soft-dome tweeter. Copper binding posts. Power handling 100 W rms; FR 48-25,000 Hz \pm 3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Red walnut or black wood veneer. 10 x 16 x 10 in \$350/pr

MTX

PSW100B Powered Subwoofer

12-in treated-fiber driver; 100-W amp. Features 6-dB/oct high-pass crossover selectable at 50, 100, or 150 Hz; low-pass 12-dB/oct crossover variable from 50-150 Hz. Line- and speaker-level inputs; high-pass outputs. Phase switch; output-gain control. FR 38-150 Hz. 18 x 16 1/2 x 19 1/2 in \$400

PSW101B. As above, with 4-in port and radiused front edge. 18 1/2 x 17 1/2 x 18 1/2 in \$400

Pointe Series

MS8 2-Way In-Wall Speaker

8-in woofer and 1-in pivoting titanium-dome tweeter. Features 3rd-order crossover with Mylar capacitors \$500/pr

MS6. As above, 6 1/2-in woofer \$400/pr

MS5. As above, 5 1/2-in woofer \$300/pr

CMS-8.5 2-Way Ceiling Speaker

Coaxial design with 8-in woofer and 1-in pivoting titanium-dome tweeter. Features 3rd-order crossover \$500/pr

CMS-6.5. As above, 6 1/2-in woofer \$400/pr

AAL Series

AAL2230 3-Way Speaker

Two 12-in treated-fiber woofers, one 5-in ferrofluid-cooled sealed-cone midrange, one 2 x 5-in quartz-horn tweeter. Power handling 300 W rms; FR 38-22,000 Hz; sens 93 dB; imp 4 ohms. 16 x 39 1/2 x 14 1/2 in \$300

AAL1540 4-Way Speaker

15-in treated-fiber woofer, 5- and 3-in ferrofluid-cooled sealed-cone midranges, 2 x 5-in quartz-horn tweeter. Power handling 125 W rms; FR 40-22,000 Hz; sens 92 dB; imp 4 ohms. Oak or black finish. 18 1/2 x 29 x 14 1/2 in \$250

AAL1240. As above, but with 12-in woofer. Power handling 100 W rms; FR 50-22,000 Hz. 15 1/2 x 27 x 10 1/2 in \$200

AAL1030 3-Way Speaker

10-in treated-fiber woofer, 5-in ferrofluid-cooled sealed-cone midrange, 2 x 5-in quartz-horn tweeter. Power handling 75 W rms; FR 55-22,000 Hz; sens 92 dB; imp 4 ohms. Oak or black finish. 15 x 24 x 10 in \$180

AAL830. As above, 8-in woofer. Power handling 50 W rms; FR 75-22,000 Hz; sens 91 dB. 11 1/4 x 18 1/2 x 8 in \$230/pr

AAL620S 2-Way Bookshelf Speaker

6 1/2-in treated-fiber woofer, 1/2-in polycarbonate-dome tweeter. Magnetic shielding. Power handling 40 W rms; FR 90-20,000 Hz; sens 88 dB; imp 8 ohms. Oak or black finish. 9 1/2 x 12 1/2 x 7 in \$180/pr

AAL600. As model above, except not magnetically shielded \$140/pr

AAL525SB 2-Way Center-Channel Speaker

Two 5 1/2-in treated-fiber woofers, one 1/2-in polycarbonate-dome tweeter. Magnetic shielding. Power handling 50 W rms; FR 100-20,000 Hz; imp 8 ohms. 16 x 7 1/2 x 7 1/2 in \$120

Blueprint Series

FS10 In-Floor Subwoofer

10-in treated-fiber dual-voice-coil driver. Designed to fit between 16 inch-on-center floor joists. Power handling 100 W; crossover point 200 Hz; FR 48-200 Hz; sens 92 dB; imp 8 ohms. 14 1/2 x 8 1/2 x 27 1/2 in . . . \$260

FS8. As above, 8-in driver. Fits between 12 inches. Power handling 75 W; FR 52-200 Hz; sens 90 dB. 10 1/2 x 8 1/2 x 27 1/2 in \$230

Model 820 2-Way In-Wall Speaker

8-in polypropylene woofer, 1-in soft-dome tweeter. Power handling 50 W rms; FR 40-22,000 Hz; sens 90 dB; imp 8 ohms. 10 x 14 x 3 1/2 in \$249/pr

Model 620. As above, but with 6 1/2-in woofer. Power handling 45 W rms; FR 45-22,000 Hz. 8 1/2 x 12 x 3 in \$199/pr

Model 520. As above, 5 1/2-in woofer. Power handling 40 W rms; FR 50-22,000 Hz; sens 89 dB. 7 1/2 x 11 x 2 1/2 in \$179/pr

Model 650WR 2-Way Outdoor In-Wall Speaker

Coaxial design with 6 1/2-in polypropylene woofer and polycarbonate-dome tweeter. Features water resistance; aluminum mesh grille; stainless-steel hardware; encapsulated magnet. Power handling 35 W rms; FR 60-20,000 Hz; sens 89 dB; imp 8 ohms. 8 1/2 x 8 1/2 x 2 1/2 in \$150/pr

Model 600 2-Way In-Wall Speaker

Coaxial design with 6 1/2-in polypropylene woofer and polycarbonate-dome tweeter. Power handling 35 W rms; FR 63-20,000 Hz; sens 88 dB; imp 8 ohms. 8 1/2 x 8 1/2 x 2 1/2 in \$120/pr

Model 610RCM. As above, except with a round frame \$150/pr

Model 500 2-Way In-Wall Speaker

Coaxial design with 5 1/2-in polypropylene woofer and polycarbonate-dome tweeter. Power handling 30 W rms; FR 60-22,000 Hz; sens 88 dB; imp 8 ohms. 7 1/2 x 7 1/2 x 2 1/2 in \$100/pr

HTS Series

HTS1238 3-Way Speaker

12-in woofer, 5-in ferrofluid-cooled sealed-back midrange, 7 1/2-in dome tweeter. Power handling 100 W rms; FR 44-20,000 Hz; imp 8 ohms. Black diamond finish. 15 1/2 x 26 1/2 x 10 1/2 in \$220

HTS1038. As above, 10-in woofer. FR 46-20,000 Hz. 14 1/2 x 23 1/2 x 10 1/2 in \$200

HTS62BS 2-Way Bookshelf Speaker

Two 6 1/2-in woofers, one 1/2-in dome tweeter. Magnetic shielding. Power handling 40 W rms; FR 90-20,000 Hz; imp 8 ohms. Black diamond finish. 9 x 12 1/2 x 6 1/2 in \$200

HTS52B 2-Way Center-Channel Speaker

Two 5 1/2-in woofers, one 1/2-in dome tweeter. Magnetic shielding. Power handling 50 W rms; FR 100-20,000 Hz; imp 8 ohms. Black diamond finish. 16 x 7 1/2 x 7 1/2 in \$150

HTS1238 2-Way Bookshelf Speaker

Two 8-in woofers, 1/2-in dome tweeter. Power handling 50 W rms; FR 53-20,000 Hz; imp 8 ohms. Black diamond finish. 10 1/2 x 18 x 8 1/2 in \$140

MUSE

Model Eighteen Powered Subwoofer

Slot-loaded 6th-order design with two 10-in drivers; amp rated at 225 W x 1. Accepts user-installable card to tailor subwoofer to satellites; cards are available for various makes/models of speakers. Balanced. Features 2 discrete high-pass active filters for mono or stereo usage; discrete unity-gain buffer preceding and following each filter section. Level, damping, and delay controls. Walnut or cherry finish. 25 x 25 x 25 in; 155 lb \$3,750
 Above with oak finish \$3,500
 Unbalanced version of above with walnut or cherry finish \$3,250
 Unbalanced version with oak finish \$3,000

Model Twenty-Two Powered Subwoofer

Slot-loaded 6th-order design with 12-in driver; amp rated at 100 W. Controls for output level and cut-off frequency. Crossover point variable from 50-150 Hz. 20 x 22 1/4 x 20 in; 85 lb \$1,500

NAIM

NA-DBL 3-Way Speaker

Decoupled-box design with 15-in woofer, 5-in infinite-baffle midrange, and 3/4-in soft-dome tweeter. Features computer-calculated damping systems. Power handling 200 W; FR 17-20,000 Hz \pm 3 dB; sens 92 dB SPL/W/m; imp 4 ohms. Black-ash or walnut finish. 16 x 47 x 26 in; 200 lb \$15,000

NA-SBL 2-Way Speaker

8-in woofer, 3/4-in dome tweeter. Features external detachable crossover; decoupled tweeter. Includes stand. Power handling 75 W max; FR 30-20,000 Hz \pm 3 dB; sens 88 dB SPL/W/m; imp 6 ohms. Black-ash or walnut finish. 10 3/4 x 34 1/2 x 10 1/2 in \$3,300

NEAR

Model 50Me 3-Way Speaker

Tuned-port design with 8-in metal-cone woofer, 4-in metal-alloy midrange, and 1 1/2-in metal-cone tweeter. Features proprietary magnetic-liquid driver suspensions. Power handling 150 W max; crossover points 235 and 4,000 Hz; FR 30-23,000 Hz \pm 1.5 dB; sens 91 dB SPL/W/m; imp 8 ohms. Black-gloss finish. 10-yr limited warranty. 10 1/2 x 48 x 12 in; 55 lb \$3,290/pr
 Walnut or black-ash finish \$2,250/pr

MAST II 2-Way Speaker

Four 5 1/4-in metal-cone woofers, one 1 1/2-in metal-cone tweeter. Features ferrofluid in all drivers; proprietary magnetic-liquid driver suspensions. Power handling 250 W max; crossover point 3,000 Hz; FR 37-26,000 Hz; sens 89 dB SPL/W/m; imp 6 ohms. Black gloss finish on base and top. 10-yr limited warranty. 59 x 7 x 10 in; 56 lb \$2,400/pr

Model 40Me 2-Way Speaker

Tuned-port design with 8-in metal-cone woofer and 1 1/2-in metal-cone tweeter. Features proprietary magnetic-liquid driver suspensions. Power handling 150 W max; crossover point 1,800 Hz; FR 32-25,000 Hz \pm 2 dB; sens 88 dB SPL/W/m; imp 8 ohms. Walnut finish. 10-yr limited warranty. 10 1/2 x 39 x 10 1/4 in; 40 lb \$1,450/pr
Model 20M. As above, two 5 1/4-in woofers. Crossover point 3,000 Hz; FR 40-23,000 Hz \pm 3 dB; imp 6 ohms. Black. 20 x 7 1/2 x 12 in; 32 lb \$899/pr

Model 15M 2-Way Bookshelf Speaker

Ported design with 6 1/4-in metal-cone woofer and 1 1/2-in metal-cone tweeter. Proprietary magnetic-liquid driver suspensions. Power handling 150 W max; crossover point 2,100 Hz; FR 45-23,000 Hz \pm 2 dB; sens 89.5 dB SPL/W/m; imp 6 ohms. Black-oak finish. 10-yr limited warranty. 15 x 9 1/2 x 12 in; 15 lb \$749/pr

Model 10MBD Spinnaker 2-Way Surround Speaker

Switchable dipole/bipole sealed design with two 5 1/4-in metal-cone woofers and two 1 1/2-in metal-cone tweeters. Features proprietary magnetic-liquid driver suspensions. Power handling 150 W max; crossover

point 2,100 Hz; FR 45-20,000 Hz \pm 2 dB; sens 88.5 dB SPL/W/m; imp 6 ohms. Black-oak finish. 10-yr limited warranty. 7 1/2 x 11 x 9 3/4 in; 18 lb \$699/pr

Model 10M 2-Way Bookshelf Speaker

Ported design with 5 1/4-in metal-cone woofer and 1 1/2-in metal-cone tweeter. Features proprietary magnetic-liquid driver suspensions. Power handling 100 W max; crossover point 2,100 Hz; FR 48-20,000 Hz \pm 2 dB; sens 88.5 dB SPL/W/m; imp 6 ohms. Walnut finish. 10-yr limited warranty. 7 1/2 x 11 x 9 3/4 in; 14 lb \$549/pr
 Black-oak or white finish \$449/pr

Model 10MV. Magnetically shielded, center-channel version of Model 10M. Walnut finish \$349
 As above, black oak finish \$299

WAF-2 2-Way In-Wall Speaker

Coaxial design with 5 1/4-in woofer and dome tweeter. Designed for indoor, outdoor, or marine use. Power handling 75 W max; FR 65-20,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms \$359/pr

WAF-1 In-Wall Speaker

5 1/4-in full-range driver. Designed for indoor, outdoor, or marine use. Power handling 75 W max; FR 65-14,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms \$279/pr

Home Theater Series

The following feature all-metal-alloy driver diaphragms, proprietary magnetic-liquid driver suspensions, and a 10-year warranty.

HTS-10. Four 50Me Corian speakers and one 20M

Corian speaker \$18,800

HTS-9. Four 50Me speakers and one 20MV

speaker \$4,999

HTS-8. Two 50Me speakers, one 20MV speaker,

and two MAST speakers \$3,948

HTS-7. Four MAST speakers and one 20MV

speaker \$2,897

BOOM-4 Subwoofer

Four 8-in metal-cone drivers. Power handling 350 W max; FR 17-125 Hz \pm 2 dB; sens 86 dB SPL/W/m; imp 6 ohms. Cherry finish. 36 x 25 x 20 in; 120 lb \$2,799
 Satin-black finish \$1,799

BOOM-2. As above, two drivers. Black. 16 x 12 1/2

x 10 in; 60 lb \$999

HTS-20B. Two MAST speakers, one 20MV speaker,

two 10MBD speakers \$2,397

HTS-6. Two MAST speakers, one 20MV speaker,

two 10M speakers \$2,127

HTS-5. Two MAST speakers, one 20MV speaker,

two WAF-2 speakers \$2,057

HTS-4. Two 20M speakers, one 20MV speaker, two

10M speakers \$1,827

HTS-3. Two 20M speakers, one 20MV speaker, two

WAF-2 speakers \$1,757

HTS-2. Four 10M speakers and one 20MV

speaker \$1,357

HTS-10B. Four 10M speakers and one 10MV

speaker \$1,159

HTS-1. Two 10M speakers, one 10MV speaker, two

WAF-1 speakers \$1,007

MAST 2-Way Speaker

Two 5 1/4-in metal-cone woofers, one 1 1/2-in metal-cone tweeter. Features ferrofluid cooling. Power handling 150 W max; crossover point 3,000 Hz; FR 37-26,000 Hz; sens 88 dB SPL/W/m; imp 6 ohms. Satin black finish. 6 3/4 x 49 x 8 in; 46 lb \$1,199/pr

Model 20MV (JIB) 2-Way Center-Channel Speaker

Two 5 1/4-in metal-cone woofers, one 1 1/2-in metal-cone tweeter. Magnetic shielding. Power handling 150 W max; crossover point 3,000 Hz; FR 40-23,000 Hz \pm 3 dB; sens 88 dB SPL/W/m; imp 6 ohms. Satin black finish. 20 x 7 1/2 x 12 in; 32 lb \$499

AEL Outdoor Series

The following are waterproof with a 5-year warranty.

AEL-2.0 2-Way Outdoor Speaker

8-in metal-cone woofer, 1 1/2-in metal-cone tweeter

Power handling 150 W max; crossover point 2,500 Hz; FR 38-25,000 Hz; sens 92 dB SPL/W/m; imp 8 ohms. 12 x 20 x 12 in; 33 lb \$1,299/pr
AEL-1.5. As above, 6-in woofer. FR 48-26,000 Hz; sens 89 dB SPL/W/m. 8 x 14 x 8 in; 15 lb \$599/pr
AEL-1.6. As AEL-1.5, 14 x 8 x 5 in. 13 lb \$599/pr
AEL-1.4. As AEL-2.0, 5 1/4-in woofer. Power handling 100 W max; FR 48-25,000 Hz; sens 89 dB SPL/W/m; imp 4 ohms. 14 x 8 x 5 in; 12 lb \$450/pr

AEL-1.2 2-Way Outdoor Speaker

Coaxial design with 5 1/4-in metal-cone woofer and dome tweeter. Power handling 75 W max; FR 65-20,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms. 7 1/2 x 7 1/2 x 8 in; 6 lb \$359/pr
AEL-1.1. As above, 5 1/4-in driver only \$318/pr

NEWFORM RESEARCH

The ribbon tweeters used in No Holds Barred, RB-2, RB-1, and RS-2 are housed in a slender enclosure attached to the top of the main cabinet.

No Holds Barred 3-Way Ribbon Speaker System

One Sub 2, two 5-in midbasses, and two 30-in ribbon tweeters. Features external crossovers. Custom brackets. Power handling 300 W/ch; FR 31-20,000 Hz; sens 92 dB SPL/W/m; imp 6 ohms. Each side 6 x 86 x 9 in; 190 lb \$7,995/pr

R30-H0 Ribbon Tweeter Module

30-in ribbon element. Features neodymium for increased sens. Includes brackets and crossovers. FR 1,000-20,000 Hz; sens 92 dB SPL/W/m; imp 7 ohms. 2 x 30 x 3 in; 23 lb \$2,800/pr

R30. As above, without neodymium. Sens 88 dB

SPL/W/m \$740/pr

R30 Gold. R30 with cast and machined alloy end caps

and faceplates, silver Kimber Kable wiring, all-metal binding posts, and triple gold plating \$3,800/pr

R15. As R30, 15-in element. Sens 87 dB SPL/W/m;

imp 5.5 ohms. 2 x 15 x 3 in; 14 lb \$460/pr

R8. As R30, but 8-in element. FR 1,200-20,000

Hz; sens 85 dB SPL/W/m; imp 11 ohms. 2 x 8 x 3 in; 7 lb \$275/pr

RB-2 2-Way Ribbon Speaker

Sealed design with two 8-in poly woofers and 30-in ribbon tweeter. Power handling 200 W; crossover point 980 Hz; FR 38-20,000 Hz \pm 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. 11 x 61 x 15 in; 71 lb \$2,295/pr

Standing Mod 30 2-Way Ribbon Speaker

5-in woofer, R30 ribbon tweeter. Power handling 100 W; FR 80-20,000 Hz \pm 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. 6 x 57 x 9 in; 39 lb \$1,995/pr
Standing Mod 15. As above, R15 ribbon. Sens 87 dB SPL/W/m. 6 x 41 x 9 in; 24 lb \$1,595/pr

RB-1 2-Way Ribbon Speaker

Ported design with 8-in poly woofer and 15-in ribbon tweeter. Power handling 125 W; crossover point 1,000 Hz; FR 36-20,000 Hz \pm 3 dB; sens 87 dB SPL/W/m; imp 8 ohms. 11 x 46 x 15 in; 55 lb \$1,695/pr

RB-1-30. As above, 30-in ribbon. Sens 88 dB

SPL/W/m. 11 x 61 x 15 in; 70 lb \$2,095/pr

RS-2 2-Way Ribbon Speaker

Sealed design with two 5-in woofers and one 8-in ribbon tweeter. Power handling 100 W; crossover point 1,200 Hz; FR 65-20,000 Hz \pm 3 dB; sens 85 dB SPL/W/m; imp 8 ohms. 9 x 23 x 11 in; 28 lb \$995/pr

Module 8 2-Way Bookshelf Ribbon Speaker

5-in woofer, 8-in ribbon tweeter. Power handling 150 W; FR 100-20,000 Hz; sens 85 dB SPL/W/m; imp 8 ohms. 6 x 16 x 8 in; 12 lb \$895/pr
Module 15. As above, 15-in ribbon. Power handling 200 W. 6 x 23 x 7 in \$1,295/pr

Sub 2 Subwoofer

Ported design with two 8-in dual-voice-coil drivers. Power handling 300 W \$895

Sub 1. As above, single driver. Power handling 150 W; FR 33-150 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 12 x 21 x 18 in; 65 lb \$595

NHT

Model 3.3 4-Way Speaker

Acoustic-suspension design with side-loaded 12-in polymer woofer, 6½-in polymer midbass, 4-in polymer midrange, and 1-in ferrofluid-cooled metal-dome tweeter. Power handling 300 W max; FR 23-26,000 Hz ±2 dB; sens 87 dB SPL/W/m; imp 6 ohms. Italian black-laminate finish; other finishes available. 7 x 41 x 32 in; 123 lb\$4,300/pr

SW3P Powered Subwoofer

Acoustic-suspension design with 12-in driver; separate 250-W Class G mono amp. Line-level inputs and outputs. 12-dB/oct high-pass filter selectable at 65, 80, 100, 125 or 150 Hz; 24-dB/oct low-pass filter variable from 35-150 Hz. FR 21-150 Hz ±3 dB. 19 x 19 x 19 in; 100 lb\$1,350

Model 2.5 3-Way Speaker

Vented design with side-loaded 8-in subwoofer, 6½-in midrange, and 1-in ferrofluid-cooled soft-dome tweeter. Power handling 200 W max; FR 53-25,000 Hz ±3 dB; sens 86 dB; imp 6 ohms. High-gloss black laminate finish. 7 x 38 x 15½ in; 45 lb\$1,100/pr

SW2P Powered Subwoofer

Vented design with 10-in driver; separate amp rated at 80 W x 1. Bypassable 12-dB/oct crossover. Line- and speaker-level inputs; speaker-level outputs. Crossover point variable from 35-150 Hz; FR 21-150 Hz ±3 dB. High-gloss black laminate finish. Subwoofer 16 x 16 x 16 in. Amp 16¼ x 3¼ x 11¼ in; 62 lb\$700

SW1P Powered Subwoofer

Vented design with 8-in driver; separate amp rated at 60 W x 1. Features 12-dB/oct crossover. Line- and speaker-level inputs; speaker-level outputs. Crossover point variable from 50-200 Hz; FR 35-200 Hz ±3 dB. 11¼ x 16 x 11¼ in; 42 lb\$500

Model 1.3A 2-Way Bookshelf Speaker

Acoustic-suspension design with 6½-in polymer woofer and 1-in ferrofluid-cooled soft-dome tweeter. Stand optional. Power handling 150 W max; FR 53-25,000 Hz ±3 dB; sens 86 dB; imp 8 ohms. 7 x 16½ x 10 in; 15 lb\$480/pr

Model 1.1 2-Way Bookshelf Speaker

Acoustic-suspension design with 6½-in woofer and 1-in fluid-cooled soft-dome tweeter. Magnetic shielding. Stand optional. Power handling 120 W max; FR 63-25,000 Hz ±3 dB; sens 88 dB; imp 8 ohms. Gloss-black, gloss-white, or oak-veneer finish. 7 x 12 x 10 in; 11 lb\$380/pr

Model 1.1iw 2-Way In-Wall Speaker

6½-in woofer, 1-in soft-dome tweeter. Bracket optional. Power handling 100 W max; FR 55-20,000 Hz ±3 dB; sens 88 dB; imp 8 ohms. Paintable matte-white finish. Cutout 12¼ x 8½ in. 12 lb\$350/pr

SuperZero 2-Way Bookshelf Speaker

Acoustic-suspension design with 4½-in woofer and 1-in fluid-cooled soft-dome tweeter. Magnetic shielding. Matching Z stand or adjustable swivel bracket optional. Power handling 100 W max; FR 85-25,000 Hz ±3 dB; sens 86 dB; imp 8 ohms. Gloss-black, gloss-white, or oak-veneer finish. 5½ x 9½ x 5 in; 5 lb\$120

Home Theater Speakers

Models VT-2 and VT-1A have a switch for toggling between two crossover settings, one optimized for music and one for movie soundtracks.

VT-2 3-Way Speaker

Vented design with one side-loaded 10-in woofer, two 5½-in midranges, and one 1-in soft-dome tweeter. Magnetic shielding on top section only. Power handling 250 W max; FR 25-21,000 Hz ±3 dB; sens 88 dB; imp 8 ohms. High-gloss black laminate finish. 7¼ x 48 x 18 in; 66 lb\$1,750/pr

VT-1A 2-Way Speaker

Tuned column-loaded design with two 4½-in woofers

and one ferrofluid-cooled soft-dome tweeter. Magnetic shielding. Power handling 120 W max; FR 45-21,000 Hz ±3 dB 3-way. 65-21,000 Hz ±3 dB 2-way; sens 87 dB 3-way, 90 dB 2-way; imp 8 ohms. High-gloss black or white laminate finish. 5½ x 40 x 5½ in; 24 lb\$700/pr

VS-2 2-Way Satellite Speaker

Acoustic-suspension design with two 5¼-in woofers and one 1-in soft-dome tweeter. Magnetic shielding. Power handling 150 W max; FR 75-21,000 Hz ±3 dB; sens 88 dB; imp 8 ohms. High-gloss black-laminate finish. 19 x 7¼ x 8 in; 17 lb\$450

HDP-1 2-Way Surround Speaker

Dipole sealed design with one 4½-in woofer and two 3-in tweeters. Includes wall-mount brackets. Power handling 100 W max; FR 105-10,000 Hz ±3 dB; sens 86 dB; imp 8 ohms. High-gloss black or white laminate finish. 5¼ x 9¼ x 5¼ in; 7 lb\$380/pr

VT-1C 2-Way Center-Channel Speaker

Two 4½-in woofers, one 1-in ferrofluid-cooled soft-dome tweeter. Magnetic shielding. Power handling 120 W max; FR 63-21,000 Hz ±3 dB; sens 90 dB; imp 8 ohms. High-gloss black or white laminate finish. 5¼ x 9¼ x 5¼ in; 7 lb\$275

Model 1.1C 2-Way Center-Channel Speaker

6½-in woofer, 1-in soft-dome tweeter. Designed to match Model 1.1, 1.3A or 2.5. Power handling 120 W max; FR 63-25,000 Hz ±3 dB; sens 88 dB; imp 8 ohms. High-gloss black or white laminate finish. 7½ x 12 x 8½ in; 12 lb\$185

NIKKO

NHT2000 Home Theater System/TV Stand

TV stand with built-in 8-in subwoofer and integral amp/processor rated at 20 W x 1 (subwoofer) + 5 x 4 (front, rear); two front speakers, each with 5½-in woofer; two wall-mount surround speakers, each with 4-in driver. Stand holds TV up to 31 in. 4 audio inputs. Surround processor with Theater, Stadium, and Arcade mode; mono switch; rear-channel volume control; 3 EQ presets; VCR storage space; remote control\$480
NHT1000. As above, except stand holds TV up to 20 in\$380

NILES

SW-800 In-Wall Powered Subwoofer

8-in mica-filled polypropylene driver; outboard amp rated at 100 W x 1. Features molded ABS baffle with structural reinforcement; weather resistance. Includes color and texture matched frame and matching in-wall enclosure. FR 35-150,000 Hz ±3 dB; sens 88 dB; imp 8 ohms. Mounting depth 3½ in\$1,000

OS-10 2-Way Outdoor Speaker

5½-in mica-filled polypropylene woofer, 1-in fluid-cooled polycarbonate tweeter. Features weatherproofing; stainless-steel or brass hardware; glass and mineral-filled-polypropylene cabinet. Inverted gold-plated 5-way binding posts. Power handling 100 W max; FR 65-21,000 Hz ±3 dB; sens 89 dB; imp 8 ohms. 8¾ x 11 x 7¼ in\$380/pr

HD-525 2-Way In-Wall Speaker

5½-in mica-filled polypropylene woofer, 1-in fluid-cooled polycarbonate tweeter. Features construction-debris screen; molded ABS baffle with structural reinforcement; weather resistance; stainless-steel hardware. Power handling 100 W max; FR 55-21,000 Hz ±3 dB; sens 88 dB; imp 6 ohms. Mounting depth 2½ in\$300/pr
HD-650. As above, 6½-in woofer. Power handling 125 W max; FR 45-21,000 Hz ±3 dB\$350/pr
HD-800. As HD-525. 8-in woofer. Power handling 150 W max; FR 35-21,000 Hz ±3 dB. Mounting depth 3½ in\$480/pr

OS-5 2-Way Outdoor Speaker

5-in mica-filled polypropylene woofer, ¾-in polycar-

bonate tweeter. Features weatherproofing; all stainless-steel or brass hardware; glass and mineral-filled-polypropylene cabinet. Inverted gold-plated 5-way binding posts. Power handling 75 W max; FR 110-20,000 ±3 dB; sens 89 dB; imp 4 ohms. 7 x 9¼ x 6½ in\$270/pr

MP-650 2-Way In-Wall Speaker

6½-in talc-filled polypropylene woofer, ¾-in polycarbonate tweeter. Upgradable to HD-650 loudspeaker. Features construction-debris screens; molded ABS baffle with structural reinforcement. Power handling 75 W max; FR 55-20,000 Hz ±3 dB; sens 89 dB; imp 8 ohms. Mounting depth 2¼ in depth\$250/pr

MP-525 2-Way In-Wall Speaker

5½-in talc-filled polypropylene woofer, ¾-in polycarbonate tweeter. Upgradable to HD-525. Features construction-debris screens; molded ABS baffle with structural reinforcement. Power handling 60 W max; FR 65-20,000 Hz ±3 dB; sens 89 dB; imp 8 ohms. Mounting depth 2½ in\$200/pr

OS-1 Outdoor Speaker

5-in mica-filled polypropylene driver. Features weatherproofing; all stainless-steel or brass hardware; glass and mineral-filled-polypropylene cabinet. Inverted gold-plated 5-way binding posts. Power handling 75 W max; FR 110-12,000 Hz ±5 dB; sens 89 dB; imp 4 ohms. 7 x 9¼ x 6½ in\$200/pr

CM-75 2-Way Ceiling Speaker

Coaxial design with 5¼-in polypropylene woofer and ¾-in polycarbonate tweeter. Features weatherproofing. Flip-tab mounting system. Includes rustproof aluminum grilles. New construction bracket optional. Power handling 50 W max; FR 63-20,000 Hz ±4 dB; sens 91 dB; imp 8 ohms. Cutout 5¼ x 5¼ in. Mounting depth 2½ in\$180/pr
CM-76. As above, 6½-in round\$180/pr
CM-77. As CM-76, but with black or white recessed grille\$180/pr

BG-525 In-Wall Speaker

5¼-in woven-fiber driver. Upgradable to MP-525 or HD-525. Features construction-debris screens; molded ABS baffle with structural reinforcement. Power handling 50 W max; FR 100-12,000 Hz ±5 dB; sens 89 dB; imp 8 ohms. Mounting depth 1½ in\$140/pr

NSM LOUDSPEAKERS

Masters Series

The following feature ferrofluid cooling, 6-dB-per-octave crossovers, and biwire/biamp terminals.

Model 60M 3-Way Speaker

One 6½-in fiberglass woofer, one 1-in soft-dome tweeter mounted coaxially over one 6½-in poly-cone midrange. Features solid-copper woofer phase plug; open-cell foam, sand, and polyester damping. Power handling 300 W max; FR 40-20,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms. Walnut veneer finish. 9 x 43 x 10 in; 68 lb\$4,995/pr

Model 20M 2-Way Bookshelf Speaker

One 6½-in poly woofer and one 1-in soft-dome tweeter in coaxial arrangement. Features open-cell foam and polyester damping. Power handling 300 W max; FR 48-20,000 Hz; sens 85 dB SPL/W/m; imp 8 ohms. Walnut veneer finish. 9 x 14 x 10 in; 50 lb\$1,695/pr

Model 10M 2-Way Bookshelf Speaker

One 4½-in poly woofer, one 1-in soft-dome tweeter. Features polyester damping. Power handling 200 W max; FR 55-20,000 Hz; sens 84 dB SPL/W/m; imp 8 ohms. Walnut veneer finish. 6 x 7 x 10 in; 20 lb\$1,195/pr

Standard Series

Model 75 3-Way Speaker

Two 6½-in poly woofers, one 4½-in poly-cone mid-

S P E A K E R S

range, one 1-in soft-dome tweeter. Features ferrofluid driver cooling; 6-dB/oct crossover; open-cell foam, polyester, and sand damping. Biwire/biamp terminals. Power handling 250 W max; FR 35-20,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 6 ohms. Piano-black or walnut-veneer finish. 9 x 47 x 10 in; 65 lb\$2,495/pr

Model 15 System 2. Two Model 15EXP subwoofers and two Model 10 speakers\$2,185
Model 15 System 1. As above, except with single subwoofer\$1,390

Model 50 3-Way Speaker

Two 6½-in poly woofers, one 1-in soft-dome tweeter. Features ferrofluid driver cooling; 6-dB/oct crossovers; open-cell foam and polyester damping. Biwire/biamp terminals. Power handling 250 W max; FR 40-20,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Piano-black or walnut-veneer finish. 9 x 39 x 10 in; 55 lb\$1,595/pr

Model 25. As above, 2-way design with single woofer. FR 45-20,000 Hz; sens 84 dB SPL/W/m. Satin black, black-ash, or walnut veneer finish. 9 x 22 x 10 in; 60 lb\$895/pr

Model 20M 2-Way Bookshelf Speaker

Coaxial design with 6½-in poly woofer and fabric-dome tweeter. Features 6-dB/oct crossovers; open-cell foam and polyester damping. Includes biwire/biamp terminals. Magnetic shielding. Power handling 200 W max; FR 45-20,000 Hz ± 3 dB; sens 86 dB SPL/W/m; imp 8 ohms. Piano-black or walnut-veneer finish. 8 x 14 x 9 in; 38 lb\$1,190/pr

Model 15EXP Subwoofer

10-in driver. Features 12-dB/oct crossover; open-cell foam and polyester damping. FR 25-150 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Satin black finish. 18 x 12 x 14 in; 45 lb\$795

Model 10S 2-Way Bookshelf Speaker

4½-in poly woofer, 1-in soft-dome tweeter. Features 6-dB/oct crossovers; ferrofluid cooling; open-cell foam and polyester damping. Biwire/biamp terminals. Power handling 250 W max; FR 55-20,000 Hz ± 3 dB; sens 84 dB SPL/W/m; imp 8 ohms. Satin black finish. 5½ x 10 x 6 in; 18 lb\$695/pr

Model 10. As above, except terminals not biwire/biamp. Power handling 200 W max; sens 86 dB SPL/W/m\$495/pr

NuREALITY

Vivid 3D Powered Speaker System

Two magnetically shielded speakers, amp rated at 10 W x 2 rms, and SRS 3D sound processor with space and center controls. Designed for personal computers and portable audio; compatible with CD-ROMs, PC sound cards, and Macintosh applications. Mini-jack input. Bypass mode; volume control. FR 125-15,000 Hz. Each speaker 4¾ x 9¾ x 8¾ in; 9 lb\$200

OHM ACOUSTICS

Walsh 5 Speaker

27 position controls to match listening room. Power handling 650 W; FR 25-25,000 Hz; sens 88 dB; imp 4 ohms. Various wood-veneer finishes. 17 x 43 x 17 in\$7,000/pr

Walsh 300. As above, without controls. Power handling 300 W. Oak, walnut, or black wood-veneer finish. 18 x 49 x 14 in\$2,995/pr

Walsh 200 Speaker

Features controlled dispersion from 360° for bass to 180° for treble. Power handling 200 W; FR 32-22,000 Hz; imp 8 ohms. Oak, walnut, or black wood-veneer cabinet. 16 x 43 x 12 in\$1,995/pr

Ohm G2 Speaker

Power handling 200 W; FR 29-25,000 Hz; sens 86 dB; imp 6 ohms. Black or walnut-veneer finish. 13 x 35 x 11 in\$1,395/pr

Walsh 100 Speaker

Power handling 100 W; FR 40-20,000 Hz; imp 8 ohms. Oak, walnut, or black wood-veneer finish. 14 x 39 x 10 in\$1,195/pr

SB-4 Subwoofer

Designed for Dolby Pro Logic systems and for use with SAT-2 speakers. Can hold TV up to 32 in. Features design for front-left, front-right, center, and rear channels to contribute to output. Power handling 600 W; sens 90 dB. Textured black finish. 28 x 17 x 18 in\$800

SAT-2 2-Way Satellite Speaker

5½-in long-throw woofer, ¾-in dome tweeter. Features cast-metal cabinet; ferrofluid driver cooling. Power handling 150 W; crossover point 100 Hz; sens 90 dB; imp 6 ohms. Textured black or white finish. 6 x 7 x 6 in\$450/pr

CAM-16HVC Bookshelf Speaker

Power handling 85 W; FR 46-20,000 Hz; sens 89 dB; imp 8 ohms. Black vinyl finish. 11 x 17 x 11 in\$300
 Pair of above\$550

SB-1 Subwoofer

Designed for use with SAT-2 or SAT-1. Features 100-Hz crossover. Power handling 150 W; sens 90 dB; imp 6 ohms. Black or white textured finish. 13 x 9 x 23 in\$300

SB-2. As above, power handling 300 W\$500

SAT-1 Surround Speaker

Various mounting systems available. Power handling 60 W; FR 100-12,000 Hz; imp 6 ohms. Black vinyl-covered wood finish. 7 x 8 x 7 in\$199/pr

ONKYO

System 1 THX Home Theater System

7 speakers including dipole surround and dual-enclosure combination powered and passive subwoofers. Features THX certification. Gray\$3,000

OPTIMUS BY RADIO SHACK

PRO-SWS-503 Powered Home Theater System

Powered subwoofer with 8-in driver and 50-W amp; two front speakers, each with 5-in long-throw woofer and ½-in dome tweeter; center-channel speaker with two 4½-in woofers and one ½-in polyimide-dome tweeter; two surround speakers, each with 4½-in driver. Magnetic center-channel shielding. Power handling 70 W front or center, 50 W surround\$500

PRO-SW-10P Powered Subwoofer

Ported design with 10-in driver; amp rated at 120 W x 1 rms into 4 ohms. Features motion sensing to correct deviations from signal; high-cut filter variable from 25-200 Hz. Line- and speaker-level inputs. Auto turn-on. FR 25-250 Hz. 13¼ x 13¼ x 15¼ in\$400

AMX-20 Wireless Speaker System

Two 2-way bass-reflex speakers, each with 10-W amp; transmitter. Features 900-MHz transmission frequency; 150-ft range. Line- and headphone-level inputs. Mono, balance, volume, and bass-enhancement controls. FR 150-15,000 Hz\$250

PRO-SWS-502 Subwoofer/Satellite System

Bass-reflex subwoofer with down-firing 10-in driver; 2 satellites, each with 3½-in woofer and ½-in liquid-cooled soft-dome tweeter. Features attached swiveling tweeter enclosures. Power handling 140 W\$250

PRO-SW-12 Subwoofer

12-in down-firing dual-voice-coil driver. Power handling 100 W rms; FR 35-250 Hz. Black woodgrain-vinyl finish\$150

PRO-LX5 2-Way Bookshelf Speaker

5-in long-throw polypropylene woofer, 2 x 4-in top-mounted ferrofluid-cooled dipole tweeter. Features design by Lineaem; ported die-cast aluminum enclosure. Power handling 55 W rms; FR 70-25,000 Hz. 10½ x 6¼ x 6½ in\$150

STS-1000 3-Way Speaker

12-in long-throw woofer, 5-in midrange, ¾-in dome tweeter. Power handling 100 W rms; FR 40-20,000 Hz. Woodgrain black vinyl finish. 14 x 29¼ x 10½ in\$150

PRO-CS-2 Center/Surround System

Center-channel speaker with two 4½-in woofers and one 2-in tweeter; 2 surround speakers, each with 4½-in driver. Magnetic center-channel shielding. Power handling 35 W rms center, 25 W rms surround\$130

PRO-CS-3 2-Way Center-Channel Speaker

Two 4-in woofers, one soft-dome tweeter. Magnetic shielding. Power handling 100 W max; FR 90-25,000 Hz. 14¼ x 5 x 9 in\$130

PRO-X77 2-Way Bookshelf Speaker

5-in woofer, 3 x 3½-in tweeter. Features design by Lineaem; ported aluminum enclosure. Power handling 60 W rms; FR 90-25,000 Hz. Gray. 5¾ x 8¾ x 5¾ in\$130

PRO-LX4 2-Way Bookshelf Speaker

Ported design with 4-in woofer and 3 x 3½-in ferrofluid-cooled tweeter. Features design by Lineaem. Power handling 60 W rms; FR 100-25,000 Hz. Oiled walnut finish. 5½ x 9¾ x 5¼ in\$100

PRO-77 2-Way Bookshelf Speaker

5-in long-throw woofer, 1-in tweeter. Features ported die-cast enclosure. Power handling 70 W rms; FR 50-20,000 Hz. Black or white\$90

PRO-CS-1 2-Way Center-Channel Speaker

Two 5-in woofers, one ½-in tweeter. Magnetic shielding. Power handling 35 W rms; FR 100-20,000 Hz. 17½ x 6¾ x 6½ in\$80

XTS-8 2-Way Satellite Speaker

3½-in woofer and 2½-in tweeter in swiveling enclosure. Power handling 30 W rms; FR 220-20,000 Hz\$80/pr

STS-100 3-Way Bookshelf Speaker

Sealed design with 8-in woofer, 4-in midrange, and ¾-in dome tweeter. Power handling 50 W rms; FR 75-20,000 Hz. Black woodgrain vinyl finish. 10¼ x 16¾ x 12¼ in\$80

PRO-X7 2-Way Bookshelf Speaker

4-in woofer, 1-in ferrofluid-cooled soft-dome tweeter. Features sealed die-cast enclosure. Power handling 50 W rms; FR 120-20,000 Hz\$80

PRO-7AV 2-Way Bookshelf Speaker

4-in long-throw woofer, 1-in ferrofluid-cooled soft-dome tweeter. Features sealed die-cast metal enclosure. Spring terminals. Magnetic shielding. Power handling 40 W rms; FR 120-20,000 Hz. Black or white\$80

PRO-X5 2-Way Bookshelf Speaker

3-in woofer, 1-in ferrofluid-cooled tweeter. Power handling 20 W rms; FR 150-20,000 Hz. 4 x 6¾ x 4¾ in\$40

STS-50 2-Way Bookshelf Speaker

Sealed design with one 5-in long-throw woofer and one 2½-in cone tweeter. Power handling 40 W rms; FR 90-20,000 Hz. Walnut vinyl finish. 6¼ x 11 x 5¼ in\$40

XTS-22 Bookshelf Speaker

4-in driver. Power handling 20 W rms; FR 100-18,000 Hz. Black woodgrain finish\$30

XTS-40 Bookshelf Speaker

4-in driver. Magnetic shielding. Power handling 20 W rms; FR 150-18,000 Hz. Black woodgrain finish\$20

XTS-25 Bookshelf Speaker

4-in driver. Magnetic shielding. Power handling 10 W rms, 20 W max; FR 130-18,000 Hz. Walnut-vinyl finish. 4¾ x 6¾ x 4¾ in\$20

S P E A K E R S

OWI

The following feature a 5-year warranty. The Little Rock, Little Rock Plus, Mesa Rock, Mesa Rock Plus, Granite River Rock, Granite River Rock Plus, Reef Rock, Reef Rock Plus, El Paso, and Carlsbad series speakers are camouflaged as rocks for use in outdoor settings.

Model 800-B 2-Way Outdoor Speaker

Direct radiator design with 5/4-in woofer and 1-in soft-dome tweeter. Features 45°-slope design. Wall, ceiling, or multiple-array-cluster brackets optional. Power handling 100 W max; crossover point 3,500 Hz; FR 80-25,000 Hz; sens 89 dB. Black. 9/4 x 6 x 6 in \$399/pr
Model 800-W. As above, white \$399/pr

Model 870-B 2-Way Outdoor Speaker

Direct radiator design with 5/4-in woofer and 1-in soft-dome tweeter. Features 45°-sloped design; power selector switch at 2.5-, 5-, 10-, and 15-W taps; built-in 70-V transformer. Power handling 15 W max; crossover point 3,500 Hz; FR 80-25,000 Hz; sens 89 dB. Wall, ceiling, or multiple-array-cluster brackets optional. Black. 9/4 x 6 x 6 in \$265
Model 870-W. As above, white \$265

Carlsbad Series

The following are available with a multiple-tone brown or gray finish, measure 21 x 24 x 16 inches, and weigh 70 pounds.

CR-5752 2-Way Outdoor Speaker

Features 70-V transformer. Power selector switch with settings at 20, 30, 40, and 50 W \$992

CR-573 3-Way Outdoor Speaker

Features 70-V transformer. Power selector switch with settings at 2.5, 5, 10, and 15 W \$957
CR-572. As above, 2-way design \$946
CR-525. As CR-572, except features a 25-V transformer \$946

CR-503 3-Way Outdoor Speaker

Power handling 120 W max; imp 8 ohms \$914
CR-502. As above, 2-way design \$900

El Paso Series

The following are available with a granite, multiple-tone brown, or gray finish, measure 21 x 24 x 16 inches, and weigh 64 pounds.

EP-5752 2-Way Outdoor Speaker

Features 70-V transformer. Power selector with settings at 20, 30, 40, and 50 W \$798

EP-573 3-Way Outdoor Speaker

Features 70-V transformer. Power selector with settings at 2.5, 5, 10, and 15 W \$766
EP-572. As above, 2-way design \$750
EP-525. As EP-572, 25-V transformer \$750

EP-503 3-Way Outdoor Speaker

Power handling 120 W max; imp 8 ohms \$720
EP-502. As above, 2-way design \$708

Reef Rock Plus Series

The following are available with a black, coral, or red finish, measure 16 x 17 x 11 inches, and weigh 39 pounds.

RRP-5752 2-Way Outdoor Speaker

Features 70-V transformer. Power selector with settings at 20, 30, 40, and 50 W \$694

RRP-573 3-Way Outdoor Speaker

Features 70-V transformer. Power selector with settings at 2.5, 5, 10, and 15 W \$663
RRP-572. As above, 2-way design \$648
RRP-525. As RRP-572, except features a 25-V transformer \$648

RRP-503 3-Way Outdoor Speaker

Power handling 120 W max; 8 imp ohms \$617
RRP-502. As above, 2-way design \$606

Granite River Rock Plus Series

The following have a granite finish, measure 21 x 23 x 11 inches, and weigh 40 pounds.

GRP-5752 2-Way Outdoor Speaker

Features 70-V transformer. Power selector with settings at 20, 30, 40, and 50 W \$694

GRP-573 3-Way Outdoor Speaker

Features 70-V transformer. Power selector with settings at 2.5, 5, 10, and 15 W \$663
GRP-572. As above, 2-way design \$648
GRP-525. As GRP-572, 25-V transformer \$648

GRP-503 3-Way Outdoor Speaker

Power handling 120 W max; imp 8 ohms \$617
GRP-502. As above, 2-way design \$606

Mesa Rock Plus Series

The following are available with a granite or multiple-tone brown or gray finish, measure 16 x 23 x 10 inches, and weigh 40 pounds.

MRP-5752 2-Way Outdoor Speaker

Features 70-V transformer. Power selector with settings at 20, 30, 40, and 50 W \$668

MRP-573 3-Way Outdoor Speaker

Features 70-V transformer. Power selector with settings at 2.5, 5, 10, and 15 W \$637
MRP-572. As above, 2-way design \$623
MRP-525. As MRP-572, 25-V transformer \$623

MRP-503 3-Way Outdoor Speaker

Power handling 120 W max; imp 8 ohms \$590
MRP-502. As above, 2-way design \$580

Reef Rock Series

The following are available with a black, coral, or red finish, measure 16 x 17 x 11 inches, and weigh 34 pounds.

RR-703 3-Way Outdoor Speaker

Features 70-V transformer. Power selector with settings at 2.5, 5, 10, and 15 W \$560
RR-702. As above, 2-way design \$546
RR-25. As RR-702, 25-V transformer \$546

RR-203 3-Way Outdoor Speaker

Power handling 100 W max; imp 8 ohms \$514

RR-202 2-Way Outdoor Speaker

Power handling 80 W max; imp 8 ohms \$502

Granite River Rock Series

The following feature a granite finish, measure 21 x 23 x 11 inches, and weigh 35 pounds.

GR-703 3-Way Outdoor Speaker

Features 70-V transformer. Power selector with settings at 2.5, 5, 10, and 15 W \$560
GR-702. As above, 2-way design \$546
GR-25. As GR-702, 25-V transformer \$546

GR-203 3-Way Outdoor Speaker

Power handling 100 W max; imp 8 ohms \$514

GR-202 2-Way Outdoor Speaker

Power handling 80 W max; 8 ohms \$502

Mesa Rock Series

The following are available with a granite or multiple-tone brown or gray finish, measure 16 x 23 x 10 inches, and weigh 35 pounds.

MR-703 3-Way Outdoor Speaker

Features 70-V transformer. Power selector with settings at 2.5, 5, 10, and 15 W \$528
MR-702. As above, 2-way design \$514
MR-25. As MR-702, 25-V transformer \$514

MR-203 3-Way Outdoor Speaker

Power handling 100 W max; imp 8 ohms \$489

MR-202 2-Way Outdoor Speaker

Power handling 80 W max; imp 8 ohms \$477

Little Rock Plus Series

The following are available with a granite or multiple-tone brown or gray finish, measure 14 x 16 x 10 inches, and weigh 35 pounds.

LRP-5752 2-Way Outdoor Speaker

Features 70-V transformer. Power selector with settings at 20, 30, 40, and 50 W \$528

LRP-573 3-Way Outdoor Speaker

Features 70-V transformer. Power selector with settings at 2.5, 5, 10, and 15 W \$495
LRP-572. As above, 2-way design \$483
LRP-525. As LRP-572, 25-V transformer \$483

LRP-503 3-Way Outdoor Speaker

Power handling 120 W max; imp 8 ohms \$450
LRP-502. As above, 2-way design \$437

500 Series

Model 503-B 3-Way Outdoor Speaker

5/4-in polypropylene-coated woofer, 2-in Mylar tweeter, 1-in Mylar tweeter. Includes mounting bracket. Power handling 120 W max; crossover point 6,900 Hz; FR 60-22,000 Hz; sens 93 dB SPL/W/m; imp 8 ohms. Black. 10 x 6 3/4 x 6 in; 7 lb \$420/pr
Model 503-C. As above, cream \$420/pr
Model 503-W. As above, white \$420/pr
Model 503-P. As above, but finish primed for custom color \$420/pr

Model 502-B 2-Way Outdoor Speaker

5/4-in polypropylene-coated woofer, 2-in Mylar tweeter. Includes mounting bracket. Power handling 120 W max; crossover point 6,000 Hz; FR 60-19,000 Hz; sens 93 dB SPL/W/m; imp 8 ohms. Black. 10 x 6 3/4 x 6 in; 7 lb \$399/pr
Model 502-C. As above, cream \$399/pr
Model 502-W. As above, white \$399/pr

Model 5752-B 2-Way Outdoor Speaker

5/4-in polypropylene-coated woofer, 2-in Mylar tweeter. Features 70-V transformer. Power selector switch with settings at 20, 30, 40, and 50 W. Includes mounting bracket. Power handling 50 W max; crossover point 6,000 Hz; FR 60-19,000 Hz; sens 93 dB SPL/W/m. Black. 10 x 6 3/4 x 6 in; 8.8 lb \$289
Model 5752-C. As above, cream \$289
Model 5752-W. As above, white \$289

Model 573-B 3-Way Outdoor Speaker

5/4-in polypropylene woofer, 2-in Mylar tweeter, 1-in Mylar tweeter. Features 70-V transformer. Power selector switch with settings at 2.5, 5, 10, and 15 W. Includes mounting bracket. Power handling 15 W max; crossover point 6,900 Hz; FR 60-22,000 Hz; sens 93 dB SPL/W/m. Black. 10 x 6 3/4 x 6 in; 7 lb \$260
Model 573-C. As above, cream \$260
Model 573-W. As above, white \$260
Model 573-P. As above, but finish primed for custom color \$260
Model 572-B. As Model 573-B, 2-way design without 1-in tweeter. Crossover point 6,000 Hz; FR 60-19,000 Hz. 7.1 lb \$246
Model 572-C. As above, cream \$246
Model 572-W. As above, white \$246
Model 525-B. As above, 25-V transformer \$246
Model 525-C. As above, cream \$246
Model 525-W. As above, white \$246

Little Rock Series

The following are available with a granite or multiple-tone brown or gray finish, measure 14 x 16 x 10 inches, and weigh 30 pounds.

LR-703 3-Way Outdoor Speaker

Features 70-V transformer. Power selector with settings at 2.5, 5, 10, and 15 W \$380
LR-702. As above, 2-way design \$366
LR-25. As LR-702, 25-V transformer \$366

LR-203 3-Way Outdoor Speaker

Power handling 100 W max; imp 8 ohms \$335

LR-202 2-Way Outdoor Speaker

Power handling 80 W max; imp 8 ohms \$320

S P E A K E R S

200 Series

Model 203-B 3-Way Outdoor Speaker

4-in polypropylene-coated woofer, 2-in Mylar tweeter, 1/2-in Mylar tweeter. Wire grille optional. Power handling 100 W max; crossover point 6,900 Hz; FR 90-22,000 Hz; sens 92 dB SPL/W/m; imp 8 ohms. Black. 4 1/2 x 7 x 4 in; 4.4 lb\$229/pr

Model 203-C. As above, cream\$229/pr

Model 203-W. As above, white\$229/pr

Model 203-P. As above, but finish primed for custom color\$229/pr

Model 202-B. As Model 203-B, 2-way design without 1/2-in tweeter. Power handling 80 W max; crossover point 6,000 Hz; FR 90-20,000 Hz\$199/pr

Model 202-C. As above, cream\$199/pr

Model 202-W. As above, white\$199/pr

Model 202-P. As above, but finish primed for custom color\$199/pr

M-5CX 2-Way Outdoor Speaker

Coaxial design with 5/4-in polypropylene woofer and 1 1/4-in polyester-film cone tweeter. Features patented one-piece construction; water-tight front housing. Power handling 40 W max; FR 50-20,000 Hz; sens 94 dB ±2 dB SPL/W/m; imp 4 ohms. White finish. 1.4 lb\$74

M-4F Outdoor Speaker

4-in polypropylene driver. Features patented one-piece construction; water-tight front housing. Power handling 30 W max; FR 70-18,000 Hz; sens 90 dB ±2 dB SPL/W/m; imp 4 ohms. White finish. 1 lb\$50

In-Wall Series

IW-60 2-Way In-Wall Speaker

6 1/2-in poly woofer, 1-in textile-dome tweeter. Rough-in kits for new construction, volume controls, and transformers optional. Power handling 80 W max; crossover point 2,800 Hz; FR 55-20,000 Hz; sens 89 dB; imp 8 ohms. White finish. 12 x 8 1/2 x 3 in\$199/pr

IWS-80 In-Wall Subwoofer

8-in dual-voice-coil driver. Rough-in kits for new construction, volume controls, and transformers optional. Power handling 150 W max; crossover point 180 Hz; FR 35-180 Hz ±2 dB; sens 88 dB; imp 8 ohms/coil. White. 15 x 11 x 3 1/2 in\$169

IW-50 2-Way In-Wall Speaker

5 1/4-in poly woofer, 1-in textile-dome tweeter. Rough-in kits for new construction, volume controls, and transformers optional. Power handling 60 W max; imp 8 ohms. White. 9 x 7 x 3 in\$149/pr

700 Series

Model 703-B 3-Way Outdoor Speaker

4-in polypropylene-coated woofer, 2-in Mylar tweeter, and 1/2-in Mylar tweeter. Features 70-V transformer; power selector switch with settings at 2.5, 5, 10, and 15 V. Wire grille or L mounting bracket optional. Power handling 15 W max; crossover point 6,900 Hz; FR 90-22,000 Hz; sens 92 dB SPL/W/m. Black. 4 1/2 x 7 x 4 in; 6.4 lb\$155

Model 703-C. As above, cream\$155

Model 703-W. As above, white\$155

Model 703-P. As above, but finish primed for custom color\$155

Model 702-B. As Model 703-B, but 2-way design without 1/2-in Mylar tweeter. Crossover point at 6,000 Hz. 5.3 lb\$140

Model 702-C. As above, cream\$140

Model 702-W. As above, white\$140

Model 702-P. As above, but finish primed for custom color\$140

Model 25-B 2-Way Outdoor Speaker

4-in polypropylene-coated woofer, 2-in Mylar tweeter. Features 25-V transformer. Power selector switch with settings at 2.5, 5, 10, and 15 W. Wire grille optional. Power handling 15 W max; crossover point 6,000 Hz; FR 90-22,000 Hz; sens 92 dB SPL/W/m. Black. 4 1/2 x 7 x 4 in; 5.3 lb\$140

Model 25-C. As above, cream\$140

Model 25-W. As above, white\$140

PANASONIC

RP-SP50 Mini Speaker System

2 speakers, each with 2-in driver; defeatable amp rated at 400 mW x 2. Speakers join together for carrying. Power handling 200 mW/ch amp defeated. 6.3 oz without cord or battery\$60

RP-SP15 Mini Speaker

2 1/4-in driver. Pair joins together for carrying. Power handling 400 mW max. Pair 8.1 oz without cord\$19.95/pr

PARADIGM

Studio Monitor 3-Way Speaker

Two 8-in mineral-filled polypropylene woofers, one 5-in mineral-filled polypropylene midrange, one 1-in aluminum-dome tweeter. Features ferrofluid tweeter cooling; 12- and 18-dB/oct phase-corrected crossovers; MDF baffles and bracing. Triwire/triamp terminals. Power handling 300 W; FR 25-20,000 Hz ±2 dB; sens 90 dB SPL/W/m. Walnut, light-oak, dark-oak, or black-oak wood-veneer finish. 12 1/4 x 4 3/4 x 16 1/2 in; 93 lb\$1,899/pr

LCR-450 2-Way Speaker

Two 6 1/2-in mineral-filled polypropylene woofers, one 1-in aluminum-dome tweeter. Features ferrofluid tweeter cooling; 18-dB/oct phase-corrected crossover. Biwire/biamp terminals. Power handling 200 W; FR 45-20,000 Hz ±2 dB; sens 90 dB SPL/W/m. 8 x 21 x 1 1/2 in; 25 lb\$399

CC-300 2-Way Center-Channel Speaker

Two 6 1/2-in polypropylene woofers, one 1-in treated-textile dome tweeter. Features ferrofluid tweeter cooling; 18-dB/oct phase-corrected crossover. Power handling 175 W; FR 38-20,000 Hz ±2 dB; sens 92 dB SPL/W/m. Black-ash finish. 22 x 7 1/2 x 15 in; 25 lb\$299

CC-150 2-Way Center-Channel Speaker

Two 5 1/2-in polypropylene woofers, one 3/4-in polyimide-dome tweeter. Features ferrofluid tweeter cooling; 12-dB/oct phase-corrected crossover. Power handling 120 W; FR 50-20,000 Hz ±2 dB; sens 92 dB SPL/W/m. Graphite finish. 20 3/4 x 6 1/4 x 8 1/2 in; 18 lb\$199

CC-50. As above, single woofer. Power handling 80 W; sens 89 dB SPL/W/m. 17 1/4 x 5 1/4 x 7 1/2 in; 11 lb\$139

Bipolar Series

The following feature ferrofluid tweeter cooling, a phase-corrected crossover, and an MDF baffle. Each is available with a walnut, black-gloss, light-oak, dark-oak, or black-oak hardwood finish.

Eclipse/BP 2-Way Speaker

Bipolar design with two 8-in mineral-filled polypropylene woofers and two 1-in aluminum-dome tweeters. Features 12-dB/oct crossover. Biwire/biamp terminals. Power handling 300 W; FR 18-20,000 Hz ±2 dB; sens 90 dB SPL/W/m. 9 3/4 x 5 1/2 x 17 in; 95 lb\$1,799/pr

Esprit/BP. As above, 6 1/2-in woofers. Power handling 250 W; FR 23-20,000 Hz ±2 dB. 8 1/2 x 4 5/8 x 13 1/4 in; 64 lb\$1,299/pr

Export/BP 2-Way Speaker

Bipolar design with two 6 1/2-in mineral-filled polypropylene woofers and two 1-in treated-textile dome tweeters. Features 12-dB/oct crossover. Biwire/biamp terminals. Power handling 200 W; FR 29-20,000 Hz ±2 dB; sens 90 dB SPL/W/m. 8 1/2 x 4 2/4 x 13 1/4 in; 55 lb\$999/pr

SE Series

The following feature ferrofluid tweeter cooling and a phase-corrected crossover. Each is available with an oak or black-ash finish.

Model 11seMk3 3-Way Speaker

Two 8-in polypropylene woofers, one 6 1/2-in polypropylene midrange, one 1-in treated-textile dome

tweeter. Features 12- and 18-dB/oct crossovers. Biwire/biamp terminals. Power handling 250 W; FR 28-20,000 Hz ±2 dB; sens 92 dB SPL/W/m. 11 1/4 x 4 3/4 x 15 1/2 in; 68 lb\$1,049/pr

Model 9seMk3 2-Way Speaker

Two 8-in polypropylene woofers, one 1-in treated-textile dome tweeter. Features 18-dB/oct crossover. Biwire/biamp terminals. Power handling 200 W; FR 32-20,000 Hz ±2 dB; sens 93 dB SPL/W/m. 10 1/2 x 37 x 14 1/4 in; 50 lb\$749/pr

Model 7seMk3. As above, 6 1/2-in woofers. 12-dB/oct crossover. Power handling 175 W; FR 34-20,000 Hz ±2 dB; sens 92 dB SPL/W/m. 8 1/4 x 34 1/4 x 14 1/4 in; 43 lb\$629/pr

Model 5seMk3. As Model 9seMk3, single woofer. 12-dB/oct crossover. Power handling 150 W; sens 90 dB SPL/W/m. 9 1/2 x 33 1/4 x 11 1/2 in; 35 lb\$529/pr

Model 3seMk3. As Model 5seMk3, terminals not biwire/biamp. FR 36-20,000 Hz ±2 dB. 9 1/2 x 20 1/4 x 12 in; 24 lb\$399/pr

Mini-Mk3 2-Way Bookshelf Speaker

6 1/2-in polypropylene woofer, 1-in treated-textile dome tweeter. Features 12-dB/oct crossover. Power handling 100 W; FR 40-20,000 Hz ±2 dB; sens 89 dB SPL/W/m. 8 x 13 x 11 in; 16 lb\$329/pr

Powered Subwoofer Series

The following models feature a multiple-cavity band-pass enclosure.

PS-1200 Powered Subwoofer

12-in driver; amp rated at 120 W rms. Line- and speaker-level inputs. Variable phase; auto turn-on/off. Low-pass filter variable from 50-150 Hz; FR 24-150 Hz ±2 dB. 17 x 19 1/4 x 20 in; 70 lb\$619

PS-1000 Powered Subwoofer

10-in driver; amp rated at 120 W rms. Line- and speaker-level inputs. Variable phase; auto turn-on/off. Crossover point variable from 50-150 Hz; FR 27-150 Hz ±2 dB. 17 x 16 1/4 x 19 in; 58 lb\$519

PS-800. As above, 8-in driver. FR 30-150 ±2 dB. 14 x 15 1/4 x 17 in; 36 lb\$419

Architectural Monitor Series

The following feature a one-piece die-cast aluminum chassis, a die-cast aluminum mounting bracket, ferrofluid tweeter cooling, a 12-dB-per-octave crossover with phase correction, and a white enamel finish.

AMS-300 2-Way In-Wall Speaker

8-in mineral-filled polypropylene woofer, 1-in aluminum-dome tweeter. Power handling 150 W; FR 45-20,000 Hz ±2 dB; sens 89 dB SPL/W/m. 9 x 12 1/4 x 3 1/2 in; 7 lb\$479/pr

AMS-200 2-Way In-Wall Speaker

6 1/2-in mineral-filled polypropylene woofer, 1-in treated-textile dome tweeter. Power handling 100 W; FR 55-20,000 ±2.5 dB; sens 88 dB SPL/W/m. 8 x 12 x 3 1/2 in; 6 lb\$379/pr

Surround Series

The following feature ferrofluid tweeter cooling and a 12-dB-per-octave phase-corrected crossover. Each is available in white or black ash.

ADP-150 2-Way Surround Speaker

Adapted dipole design with two 5 1/2-in polypropylene woofers and two 3/4-in polyimide-dome tweeters. Power handling 100 W; FR 65-20,000 Hz ±2 dB; sens 89 dB SPL/W/m. 8 3/4 x 10 1/2 x 6 1/2 in; 11.5 lb\$399/pr

ADP-100 2-Way Surround Speaker

Adapted dipole design with two 5-in polypropylene woofers and two 3/4-in polymer-dome tweeters. Power handling 80 W; FR 85-20,000 Hz ±2 dB; sens 88 dB SPL/W/m. 8 1/4 x 8 1/2 x 6 1/2 in; 16 lb\$319/pr

Performance Series

The following feature ferrofluid tweeter cooling and a 12-dB-per-octave phase-corrected crossover. Each is available with an oak or black-ash finish.

SPEAKERS

Phantom 2-Way Bookshelf Speaker

8-in polypropylene woofer, 3/4-in treated-textile dome tweeter. Power handling 150 W; FR 40-20,000 Hz ± 2 dB; sens 90 dB SPL/W/m. 9 1/4 x 18 1/4 x 11 1/2 in; 22 lb \$309/pr

Titan 2-Way Bookshelf Speaker

6 1/2-in polypropylene woofer, 3/4-in polyimide-dome tweeter. Power handling 100 W; FR 55-20,000 Hz ± 2 dB; sens 88 dB SPL/W/m. 7 3/4 x 12 1/2 x 9 1/2 in; 13 lb \$209/pr
Atom. As above, 5 1/2-in woofer. Power handling 80 W; FR 60-20,000 Hz ± 2 dB; sens 89 dB SPL/W/m. 6 1/2 x 10 x 7 1/2 in; 9 lb \$169/pr

Micro 2-Way Bookshelf Speaker

5-in polypropylene woofer, 3/4-in polymer-dome tweeter. Power handling 60 W; FR 70-20,000 Hz ± 2.5 dB; sens 88 dB SPL/W/m. 6 1/2 x 8 1/2 x 7 1/2 in; 6 lb \$139/pr

Passive Subwoofer Series

The following feature a multiple-cavity bandpass enclosure and are available with a black-oak finish.

SB-110 Subwoofer

10-dual-voice-coil driver. Power handling 200 W; FR 36-100 Hz ± 2 dB; sens 94 dB SPL/W/m. 17 x 15 1/2 x 19 in; 42 lb \$229

SB-90 Subwoofer

8-dual-voice-coil driver. Power handling 150 W; FR 40-100 Hz ± 2 dB; sens 93 dB SPL/W/m. 13 x 15 1/2 x 17 in; 33 lb \$189

PARAGON

The following feature a 5-year warranty and are available in a red-walnut, natural-cherry, ribbon-mahogany, or black-oak finish.

Regent 2-Way Speaker

Vented design with two 6 1/2-in woofers and one 3/4-in fabric-dome tweeter. Features resin-cast crossover; 2-in MDF panels; mass-loaded enclosure with proprietary putty damping; Cardas internal wiring; Cardas biwire/blamp binding posts. Power handling 200 W cont avg; FR 32-20,000 Hz ± 3 dB; sens 91 dB SPL/W/m; Imp 4 ohms. 10 x 47 x 15 in; 150 lb \$3,200/pr

JEM (Jubilee Extension Module) Subwoofer

Vented design with 9-in driver. Mounts directly under the Jubilee. Features resin-cast crossover; 2-in MDF panels; mass-loaded enclosure with proprietary putty damping; Cardas internal wiring. Cardas biwire/blamp binding posts. Power handling 300 W cont avg; FR 32-20,000 Hz ± 3 dB with Jubilee; sens 86 dB SPL/W/m; imp 8 ohms. 19 x 23 1/2 x 18 1/2 in; 118 lb \$3,000/pr

Jubilee 2-Way Bookshelf Speaker

Aperiodically damped design with 6 1/2-in woofer and 3/4-in fabric-dome tweeter. Features resin-cast crossover; 1-in MDF cabinet; mass-loaded enclosure with proprietary-putty damping; separate isolated tweeter housing; Cardas internal wiring. Cardas biwire/blamp binding posts. Power handling 150 W cont avg; FR 60-20,000 Hz ± 3 dB; sens 86 dB SPL/W/m; imp 8 ohms. 9 x 16 x 9 in; 46 lb \$1,795

PARAMOUNT PICTURES

HT-14 Wall Unit with Speakers

Home-theater wall unit with built-in left, center-channel, and right speakers, each with two 8-in long-throw bilaminate-cone woofers and one 1-in ferrofluid-damped textile-dome tweeter, and powered subwoofer with 15-in long-throw dual-voice-coil bilaminate driver and amp rated at 140 W rms with 1% THD. Accommodates most 29- to 32-in TV's. Line- and speaker-level subwoofer inputs. Magnetic shielding for all speakers; active subwoofer crossover variable from 60-120 Hz; subwoofer level control. Versions available for 34- to 35-in or 40-in direct-view TV's or 45- to 70-in rear-projection TV's

with powered or passive subwoofers. FR 28-20,000 Hz. Oak solids and veneers; traditional styling; cast-metal hardware; wood storage doors; glass electronics doors; light, medium, dark, or whitewash oak finish. 107 x 79 x 25 in \$4,800

HT-16 Wall Unit with Speakers

Home-theater wall unit with built-in left, center-channel, and right speakers, each with 8-in long-throw bilaminate-cone woofer and one 1-in ferrofluid-damped textile-dome tweeter, and powered subwoofer with 12-in long-throw dual-voice-coil bilaminate driver and amp rated at 140 W rms with 1% THD. Accommodates most 29- to 32-in TV's. Line- and speaker-level subwoofer inputs. Magnetic shielding for all speakers; active subwoofer crossover variable from 60-120 Hz; subwoofer level control. Versions available for 34- to 35-in or 40-in direct-view TV's or 45- to 70-in rear-projection TV's with powered or passive subwoofers. FR 32-20,000 Hz. Oak solids and veneers; contemporary styling; cast-metal hardware; light, medium, dark, or whitewash oak finish. 87 x 79 x 25 in \$3,000

HT-12 Wall Unit with Speakers

Home-theater wall unit with built-in left, center-channel, and right speakers, each with 8-in long-throw bilaminate-cone woofer and one 1-in ferrofluid-damped textile-dome tweeter, and a subwoofer with 12-in long-throw dual-voice-coil bilaminate driver. Accommodates most 29- to 32-in TV's. Magnetic shielding for all speakers. Versions available for 34- to 35-in or 40-in direct-view TV's; additional passive subwoofer, one 140-W powered subwoofer, or two 140-W powered subwoofers available. FR 32-20,000 Hz. Oak solids and veneers; contemporary styling; cast-metal hardware; light, medium, dark, or whitewash oak finish. 62 x 75 x 24 in \$2,000

HT-11 Wall Unit with Speakers

Home-theater wall unit with built-in left, center-channel, and right speakers, each with 8-in long-throw bilaminate-cone woofer and one 1-in ferrofluid-damped textile-dome tweeter, and a subwoofer with 12-in long-throw dual-voice-coil bilaminate driver. Accommodates most 29- to 32-in TV's. Magnetic shielding for all speakers. Versions available for 34- to 35-in or 40-in direct-view TV's; additional passive subwoofer, one 140-W powered subwoofer, or two 140-W powered subwoofers available. FR 32-20,000 Hz. Oak solids and veneers; traditional styling; cast-metal hardware; raised-panel storage doors; leaded-glass electronics doors; light, medium, or dark finish. 62 x 65 x 24 in \$2,000

H/T-1 Entertainment Center with Speakers

Built-in slot-loaded subwoofer with 15-in dual-voice-coil driver and center-channel speaker; two 3-way tower speakers, each with 12-in woofer. Accommodates most 25- to 27-in TV's. Version available for 29- to 32-in TV's. Power handling 100 W each tower, 40 W center, 150 W/ch subwoofer. Medium-oak or black-woodgrain laminates and solids; tempered-glass door. Each tower 15 x 41 1/4 x 10 3/4 in. 48 1/2 x 41 1/4 x 21 in \$900

H/T-2HG Entertainment Center with Speakers

Built-in subwoofer and center-channel speaker; two separate 3-way tower speakers, each with 10-in woofer. Accommodates most 25- to 27-in TV's. Version available for 29- to 32-in TV's. High-gloss black-laminate hand finish. 50 x 40 x 23 in \$900

H/T-3 Entertainment Center with Speakers

Built-in subwoofer and center-channel speaker; two separate 3-way tower speakers, each with two 8-in woofers. Accommodates most 25- to 27-in TV's. Version available for 29- to 32-in TV's. Whitewashed-oak hand finish. 51 1/2 x 41 x 19 1/2 in \$900

H/T-10.27 Entertainment Center with Speakers

Built-in 2-way left and right front speakers; two built-in subwoofers with 10-in drivers. Accommodates most 25- to 27-in TV's. Designed for home theater

systems. Black-onyx vinyl-laminate hand finish; smoked-glass doors. 44 x 56 x 23 in \$800

Model 1050 Powered Subwoofer/Satellite System

Powered subwoofer with 10-in long-throw dual-voice-coil driver and integral amp rated at 50 W rms; two 2-way satellite speakers, each with 6 1/2-in woofer. Volume and balance controls \$500

H/T-4P TV Stand with Speakers

Two built-in front speakers, each with 4 1/2-in driver; built-in subwoofer with 10-in dual-voice-coil driver; amp rated at 15 W x 2 rms. Accommodates most 19- to 32-in TV's. Volume and balance controls. Black-onyx vinyl-laminate finish; tempered-glass component-storage doors. 32 1/2 x 32 x 19 1/2 in \$480

H/T-7 Entertainment Center with Speakers

Two separate 3-way tower speakers, each with 8-in woofer. Accommodates most 19- to 21-in TV's. Black-woodgrain laminate/solids hand finish. 43 3/4 x 38 x 19 1/4 in \$470

A/V-7 Audio/Video Center with Speakers

Built-in 3-way speakers with 8-in woofers. Accommodates most 19- to 21-in TV's. Black-woodgrain laminate/solid hand finish. 43 3/4 x 38 x 19 1/4 in \$400

PW-900SB Wireless Speaker

Features 900-MHz transmitter. Black \$320/pr
PW-900SW. As above, white \$320/pr

RC-4 2-Way Surround Speaker

4 1/2-in woofer, 1/2-in dome tweeter \$150/pr

CC-4 2-Way Center-Channel Speaker

Two 4 1/2-in woofers, two adjustable 1/2-in dome tweeters. Separate tweeter-level control for each tweeter \$150

PW-900MB Wireless Speaker

900-MHz transmission. Without transmitter. Black finish \$140
PW-900MW. As above, white \$140

CC-3 2-Way Center-Channel Speaker

Two 4 1/2-in woofers, 1/2-in dome tweeter \$100

Theater-in-a-Box Series

TIAB-4. DPL-2 surround processor, MC-200 amplifier, two AW-6 speakers, one AW-3, two AW-5's, one AW-15 \$1,200
TIAB-1. Two AW-8.3 speakers, one AW-3, two AW-5's, one AW-15 \$1,050
TIAB-2. FX-3300 surround processor, one CC-3, two RC-4's \$500
TIAB-3. One CC-3, two RC-4's, one SW-10 \$400

H/T-8 Series

The following feature a black-onyx vinyl-laminate finish. Doors are tempered glass.

H/T-8.3 Entertainment Center with Speakers

With integral subwoofer and center speakers. Accommodates most 25- to 27-in TV's. Tv compartment 25 x 22 1/2 x 18 in. 47 x 39 1/2 x 18 in \$800

H/T-8.2 TV Cabinet with Speakers

With integral subwoofer and center-channel speakers. Tv compartment 26 3/4 x 24 x 17 1/4 in. 29 x 39 x 18 in \$220

H/T-8.4 3-Way Speaker

Matches H/T-8.3 and H/T-8.2 speakers. 10 x 39 1/2 x 11 1/4 in \$220

Acoustic Windows Series

AW-15P Powered Subwoofer

15-in dual-voice-coil driver; integral amp rated at 140 W. Features crossover \$650

AW-15. As above, but without amp. Pass-through crossover \$350

AW-10P Powered Subwoofer

10-in dual-voice-coil driver; integral amp rated at 100 W. Features crossover \$500

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AW-10. As above, but without amp. Pass-through crossover\$250

AW-8.33-Way Speaker

8-in woofer, 4½-in cone midrange, 1-in fabric-dome tweeter\$250

AW-8 2-Way Bookshelf Speaker

8-in woofer, 1-in fabric-dome tweeter\$180

AW-3 2-Way Center-Channel Speaker

Includes two 4½-in woofers and one fabric-dome tweeter\$170

AW-6 2-Way Bookshelf Speaker

6½-in woofer, 1-in fabric-dome tweeter\$150

AW-5 2-Way Bookshelf Speaker

5¼-in woofer, 1-in fabric-dome tweeter\$120

MM Series

The following have hand-wired asymmetric conjugate crossover networks and are hand-finished in black-onyx laminates.

MM12/SRS Powered Subwoofer

Two 6½-in drivers; amp rated at 25 W x 2 rms. Mic input. SRS processing; volume and balance controls. 8 x 18 x 14 in\$400

MM3 Powered Subwoofer/Satellite System

Powered subwoofer with 6½-in dual-voice-coil driver and amp rated at 15 W x 2. Volume and balance controls; two MM1 speakers. Line- and speaker-level inputs; speaker-level outputs. Volume, balance, and tweeter-level controls. Crossover points 150 and 4,000 Hz; FR 45-18,000 Hz. Subwoofer 8 x 15 x 10½ in\$400

MM3/SRS. As above, with SRS processing. Amp rated at 25 W x 2. Mic input\$450

MM1/T 2-Way Speaker

Two 4½-in woofers, ½-in dome tweeter. Features 6- and 12-dB/oct crossover slopes. Crossover point 4,000 Hz; FR 70-18,000 Hz ±3 dB; sens 90 dB SPL/W/m. 5 x 39½ x 7 in\$330/pr

MM2.5 2-Way Powered Bookshelf Speaker

5½-in woofer, ½-in dome tweeter; amp rated at 15 W rms. Features 6- and 12-dB/oct crossover slopes. Line- and speaker-level inputs; speaker-level outputs. Volume and balance controls. Crossover point 4,000 Hz; FR 70-18,000 Hz ±3 dB. 6 x 12 x 7 in\$250/pr

MM2.5/SRS. As above, with SRS processing. 25-W amp. Mic input\$300/pr

MM1 2-Way Bookshelf Speaker

4½-in woofer, ½-in dome tweeter. Features 6- and 12-dB/oct crossover slopes. Tweeter-level control. Crossover point 4,000 Hz; FR 100-18,000 Hz ±3 dB; sens 87 dB SPL/W/m. 5 x 8½ x 6¾ in\$150/pr

MM2 2-Way Center-Channel Speaker

4½-in woofer, ½-in dome tweeter. Features 6- and 12-dB/oct crossover slopes. Crossover point 5,000 Hz; FR 85-18,000 Hz ±3 dB; sens 87 dB SPL/W/m. 12 x 5 x 7 in\$100

Architectural Acoustics Series

AA-42B. 2-way outdoor speaker with 4½-in woofer. Black\$349/pr

AA-42W. As above, white\$349/pr

D-350. Patio/garden speaker. Green or granite\$250

AA-62W. 2-way in-wall, with 6½-in woofer\$230/pr

AA-60C. 2-way ceiling, with 6½-in woofer\$100/pr

AA-50C. 2-way ceiling, with 5¼-in woofer\$80/pr

AA-52W. 2-way in-wall, with 5¼-in woofer\$65/pr

PARASOUND

GMAS-18 Powered Subwoofer

Aperiodic-loading design with 18-in driver; amp rated at 650 W rms. Features 2¼-in-thick MDF-plywood

front baffle; 1½-in-thick MDF-plywood rear panel; 1-in-thick composite walls; active low-pass filter with adjustable crossover point; active high-pass output; switchable crossover point; active low-frequency equalization; switchable infra-bass filter. Gloss-black cabinet with rosewood accents\$4,450

GMAS-18.1 Powered Subwoofer

18-in die-cast driver; amp rated at 650 W. Cabinet style\$3,295

Spica TC-60 2-Way Surround Speaker

Ported design with 6½-in polypropylene woofer and 1-in soft-dome tweeter. Features time-coherent design. Crossover point 2,500 Hz; FR 45-20,000 Hz ±3 dB; sens 87 dB; imp 8 ohms. Walnut finish\$895/pr
Oak finish\$839/pr
Black-lacquer finish\$795/pr

Spica TC-25 2-Way Surround Speaker

Ported design with 6½-in polypropylene woofer and 1-in soft-dome tweeter. Features time-coherent design. Crossover point 3,000 Hz; FR 48-20,000 Hz ±3 dB; sens 85 dB; imp 8 ohms. Black-lacquer finish\$499/pr

In-Wall Speakers

CS/T-280 2-Way In-Wall Speaker

8-in woofer, 1-in titanium-dome tweeter. Features ferrofluid damping; 9-element 12-dB/oct crossover. Power handling 100 W rms; crossover point 2,400 Hz; FR 36-22,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms\$465/pr

WISE 8.0. Sealed in-wall MDF speaker enclosure for above. Includes mounting bracket and hardware. 14¼ x 40 x 3¾ in\$65

NC/K-8M. New-construction rough-in kit for CS/T-280\$58/pr

CS/T-265 2-Way In-Wall Speaker

6½-in woofer, 1-in titanium-dome tweeter. Features ferrofluid tweeter damping; 7-element 12-dB/oct crossover. Power handling 75 W rms; crossover point 2,600 Hz; FR 42-22,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 8 ohms\$345/pr

WISE 6.5. Sealed MDF in-wall speaker enclosure for above. Includes mounting bracket and hardware. 14¼ x 30 x 3¾ in\$65

NC/K-6M. New-construction rough-in kit for CS/T-265\$54/pr

CS/W-1002 In-Wall Subwoofer

10-in dual-voice-coil driver. Fits standard 2 x 4 stud depth. Features 12-dB/oct low-pass filter at 140 Hz; 6-dB/oct high-pass filter. Satellite output. Power handling 120 W; FR 26-180 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms\$279

CS/W-802 In-Wall Subwoofer

8-in dual-voice-coil driver. Features 12-dB/oct low-pass filter at 140 Hz; 6-dB/oct high-pass filter. Satellite output. Power handling 120 W rms; FR 29-180 Hz ±3 dB; sens 87 dB SPL/W/m; imp 8 ohms\$249

WISE 8.0. Sealed in-wall MDF speaker enclosure for above. Includes mounting bracket and hardware. 14¼ x 40 x 3¾ in\$65

NC/K-8M. New-construction rough-in kit for CS/W-802\$58/pr

CS/T-255 2-Way In-Wall Speaker

5¼-in woofer, 1-in titanium-dome tweeter. Features 7-element 12-dB/oct low-pass filter. Power handling 75 W rms; crossover point 2,600 Hz; FR 54-22,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 8 ohms\$249/pr

WISE 5.5. Sealed MDF in-wall speaker enclosure for above. Includes mounting bracket and hardware. 14¼ x 30 x 3¾ in\$65

NC/K-5M. New-construction rough-in kit for CS/T-255\$50/pr

CS/T-25R 2-Way In-Wall Speaker

5¼-in woofer, 1-in pivoting titanium tweeter. Features ferrofluid tweeter damping; 12-dB/oct crossover.

Power handling 50 W; crossover point 2,600 Hz; FR 36-22,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms\$249/pr

NC/K-2M. New-construction rough-in kit for above model\$50/pr

CS/S-250 2-Way In-Wall Speaker

5¼-in woofer, 1-in polycarbonate-dome tweeter. Features 6-dB/oct crossover. Power handling 40 W rms; crossover point 3,300 Hz; FR 70-20,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms\$139/pr

WISE 5.5. Sealed MDF in-wall speaker enclosure for above. Includes mounting bracket and hardware. 14¼ x 30 x 3¾ in\$65

NC/K-5M. New-construction rough-in kit for CS/S-250\$50/pr

CS/S-20R In-Wall Speaker

Includes 5¼-in driver. Power handling 30 W; FR 54-22,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms\$139/pr

NC/K-2M. New-construction rough-in kit for above model\$50/pr

Outdoor Speakers

The following feature a carbon-fiber reinforced polycarbonate-cone woofer and stainless-steel grilles and speaker terminals. The speakers are available in white or black.

Nomad Ten 2-Way Outdoor Speaker

6½-in polycarbonate woofer, 1-in ferrofluid-cooled supronyl soft-dome tweeter. Features 12-dB/oct crossover with glass-epoxy circuit board; air-core inductor; non-polar capacitor. FR 36-20,000 Hz ±2.5 dB\$499/pr

Nomad Six 2-Way Outdoor Speaker

5¼-in woofer, 1-in soft-dome tweeter. Features ferrofluid tweeter damping; 12-dB/oct crossover. Power handling 80 W rms; crossover point 2,400 Hz; FR 48-20,000 Hz ±2.5 dB; sens 88 dB SPL/W/m; imp 8 ohms\$360/pr

Nomad Four. As above, 4-in woofer. Power handling 60 W rms; crossover point 2,600 Hz; FR 65-20,000 Hz ±3 dB; sens 86 dB SPL/W/m\$165/pr

Nomad Five 2-Way Outdoor Speaker

5¼-in woofer, 1-in cone tweeter. Features 12-dB/oct crossover. Power handling 70 W rms; crossover point 3,300 Hz; FR 55-20,000 Hz ±4 dB; sens 88 dB SPL/W/m; imp 8 ohms\$280/pr

Nomad Three 2-Way Outdoor Speaker

4-in woofer, 1-in cone tweeter. Features 6-dB/oct crossover. Power handling 40 W rms; crossover point 3,000 Hz; FR 75-18,000 Hz ±4 dB; sens 86 dB SPL/W/m; imp 8 ohms\$120/pr

PEGASUS

The following are available in kit form. Contact the manufacturer for information.

RockMaster 3 2-Way Speaker

Vented design with 15-in woofer and 4 x 11-in horn tweeter. Crossover point 3,500 Hz; FR 46-20,000 Hz ±3 dB; sens 97 dB; imp 6 ohms. 32 x 20 x 13 in\$2,400/pr

Gemini 2-Way Speaker

Composite-vented design with two 6½-in woofers and one 1-in honeycomb tweeter. Crossover point 5,500 Hz; FR 40-20,000 Hz ±3 dB; sens 87.2 dB SPL/W/m; imp 4 ohms. 10 x 39 x 10 in\$1,500/pr

Quartet Subwoofer/Satellite System

Two subwoofers, each with 6½-in driver; two satellites, each with 4½-in woofer and ¾-in dome tweeter. Crossover points 150 and 5,000 Hz; FR 46-20,000 Hz ±3 dB; sens 92 dB; imp 8 ohms\$1,299

Lambda 2-Way Bookshelf Speaker

Vented design with 6½-in polymer woofer and ¾-in ferrofluid-cooled polyimide-dome tweeter. Features 21-mm-thick Medite and plastic-laminate enclosure;

S P E A K E R S

monolithic baffle/brace; 6-dB/oct high-pass filter; internal cabinet damping with absorbing foam. Nickel-plated brass 5-way binding posts. Power handling 75 W; sens 88 dB SPL/W/m; Imp 6 ohms. Oak laminate finish. 8 1/2 x 16 1/2 x 10 1/2 in; 20 lb\$850/pr

Alpha III 2-Way Bookshelf Speaker

Vented design with 5 1/2-in woofer and 3/4-in dome tweeter. Crossover point 4,000 Hz; FR 50-20,000 Hz ±3 dB; sens 86.5 dB SPL/W/m; imp 4 ohms. 17 x 7 x 11 in\$700/pr

Appollo Subwoofer

Vented design with two 10-in drivers. FR 29-200 Hz ±3 dB; sens 90 dB; imp 4 ohms. 36 x 14 x 14 in\$675

Alpha IIA 2-Way Speaker

Vented design with 6 1/2-in woofer and 1-in honeycomb tweeter. Crossover point 5,500 Hz; FR 46-20,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 8 ohms. 20 x 13 x 9 in\$600/pr

Athena Subwoofer

Vented design with 8-in driver. FR 35-200 Hz ±3 dB; sens 87 dB; imp 8 ohms. 39 x 10 x 10 in\$500

Beta 2-Way Bookshelf Speaker

Vented design with 6 1/2-in woofer and 1-in dome tweeter. Crossover point 6,000 Hz; FR 65-15,000 Hz ±3 dB; sens 85.6 dB SPL/W/m; imp 8 ohms. 17 x 11 x 7 in\$450/pr

PERCO

PT-S12 Subwoofer

12-in dual-voice-coil driver. Features downward-firing ported bass-reflex design. Power handling 150 W; FR 25-160,000 Hz; sens 89 dB; imp 8 ohms. 18 1/2 x 12 1/2 x 15 1/2 in; 27 lb\$300

PT-2 2-Way Outdoor Speaker

Acoustic-suspension design with 5-in polypropylene woofer and 1-in soft-dome tweeter. Features non-ferrous die-cast aluminum enclosure with weather-treated grille. Brackets optional. Power handling 50 W; FR 60-20,000 Hz; sens 89 dB SPL/W/m; imp 4 ohms. Black or white. 5 1/2 x 8 1/2 x 4 1/2 in; 5.5 lb\$240

PT-1 2-Way Outdoor Speaker

Acoustic-suspension design with 4-in polypropylene woofer and 1-in soft-dome tweeter. Features non-ferrous die-cast aluminum enclosure with weather-treated grille. Includes brackets. Power handling 40 W; FR 100-20,000 Hz; sens 87 dB SPL/W/m; imp 4 ohms. Black or white. 4 1/2 x 7 1/2 x 4 1/2 in; 5.3 lb\$160

PHASE TECHNOLOGY

The following feature a 5-year warranty.

PC Series

PC-10.5 3-Way Speaker

10-in solid-piston woofer, 5 1/4-in Kevlar-laminated solid-piston midrange, 1-in soft-dome tweeter. Features ferrofluid tweeter cooling; Unicell foam technology. FR 25-20,000 Hz; sens 89 dB; imp 4 ohms. Piano-black finish. 13 x 44 x 13 1/2 in\$2,900/pr
Dark or black-oak wood-veneer finish\$2,200/pr

PC-100 3-Way Speaker

6 1/2-in solid-piston woofer, 6 1/2-in solid-piston Kevlar-laminated midrange, rotating soft-dome tweeter. Features ferrofluid tweeter cooling; Unicell foam technology. FR 35-22,000 Hz; sens 91 dB; imp 8 ohms. Dark-oak, walnut, or black-oak wood-veneer finish. 8 x 43 x 12 in\$1,299/pr

PC-80 Tower 2-Way Speaker

6 1/2-in Kevlar-laminated solid-piston woofer, 1-in rotating soft-dome tweeter. Features ferrofluid tweeter cooling; Unicell foam technology. FR 38-22,000 Hz; sens 90 dB; imp 8 ohms. Dark-oak, walnut or black-oak wood-veneer finish. 8 x 34 x 9 in\$949/pr
PC-80 II. Bookshelf version of the above. FR 48-22,000 Hz. 9 1/2 x 15 1/2 x 11 1/4 in\$699/pr

Octave 1.0 Powered Subwoofer

15-in mineral-filled polypropylene-cone driver; amp rated at 240 W rms. Features 24-dB/oct active crossover selectable at 60, 80, or 100 Hz; phase switch; auto turn-on and soft-clipping circuits. Line-level inputs and outputs. speaker-level inputs. Level control. Black laminate finish. 18 x 21 x 20 in\$949
Mahogany finish\$999

PC-60 III 2-Way Bookshelf Speaker

Acoustic-suspension phase-coherent design with 6-in solid-piston woofer and 1-in soft-dome tweeter. Features ferrofluid tweeter cooling; Unicell foam technology. FR 53-22,000 Hz; sens 87 dB; imp 8 ohms. Dark-oak, walnut, or black-oak wood-veneer finish. 8 1/2 x 13 x 8 in\$499/pr
PC-60 III AV. Above, magnetic shielding\$575/pr

PC-40 III 2-Way Bookshelf Speaker

Acoustic-suspension phase-coherent design with 5 1/4-in solid-piston woofer and 1-in soft-dome tweeter. Features ferrofluid tweeter cooling; Unicell foam technology. FR 70-22,000 Hz; sens 89 dB; imp 6 ohms. Dark-oak, walnut, or black wood-veneer finish. 6 1/2 x 9 1/4 x 5 1/4 in\$399/pr

PC Center-Channel II 2-Way Speaker

Two 5 1/4-in solid-piston woofers, one soft-dome tweeter. Features ferrofluid tweeter cooling. Magnetic shielding. Power handling 100 W; FR 75-22,000 Hz; sens 90 dB; imp 8 ohms. Black laminate finish. 20 x 6 1/4 x 10 1/2 in\$300

Theater Series

Model 9T 2-Way Speaker

Low-diffraction design with 8-in polypropylene woofer, 1 1/2-in rear-firing soft-dome ambience driver, and 1-in soft-dome tweeter. Features ferrofluid tweeter cooling. Power handling 150 W; FR 35-20,000 Hz; sens 91 dB; imp 8 ohms. Black-cloth covering with black-laminate top and base. 10 x 38 1/2 x 14 1/2 in\$750/pr
Dark-oak or mahogany top and base\$798/pr

Model 7T 2-Way Speaker

Low-diffraction design with 8-in polypropylene woofer and 1-in soft-dome tweeter. Features ferrofluid tweeter cooling. Power handling 120 W; FR 40-20,000 Hz; sens 90 dB; imp 8 ohms. Black-cloth covering with black-laminate top and base\$550/pr
Dark-oak or mahogany top and base\$598/pr

Model 5T 2-Way Speaker

Low-diffraction design with 6 1/2-in polypropylene woofer and 1-in soft-dome tweeter. Features ferrofluid tweeter cooling. Power handling 100 W; FR 45-20,000 Hz; sens 90 dB; imp 8 ohms. Black-laminate top finish. 8 x 33 x 10 1/4 in\$430/pr
Dark-oak or mahogany top\$458/pr

Model 2T/T-Sub Subwoofer/Satellite System

One T-Sub subwoofer, two Model 2T satellites. Power handling 75 W/ch; sens 89 dB; imp 8 ohms. Black-laminate finish\$400

Model 3T 2-Way Bookshelf Speaker

6 1/2-in polypropylene woofer, 1-in soft-dome tweeter. Features ferrofluid tweeter cooling. Power handling 80 W; FR 50-20,000 Hz ±3 dB; sens 90 dB; imp 8 ohms. Black-laminate finish. 8 x 15 1/2 x 8 1/2 in\$260/pr

Model 2T 2-Way Bookshelf Speaker

5 1/4-in polypropylene woofer, 3/4-in dome tweeter. Features ferrofluid tweeter cooling. Power handling 65 W; FR 75-20,000 Hz; sens 90 dB; imp 8 ohms. Black-laminate finish. 9 1/2 x 6 1/2 x 5 1/2 in\$200/pr

T-Sub Subwoofer

Bandpass enclosure with two 6 1/2-in drivers. Stereo operation. Power handling 75 W; FR 45-150 Hz; sens 89 dB; imp 8 ohms. Black-laminate finish. 18 x 15 x 8 in\$200

Model 1C 2-Way Center-Channel Speaker

Two 5 1/2-in polypropylene woofers, one 3/4-in dome tweeter. Features ferrofluid tweeter cooling. Magnet-

ic shielding. Power handling 75 W; FR 80-20,000 Hz; sens 90 dB; imp 8 ohms. Black-laminate finish. 6 1/4 x 20 x 7 1/2 in; 23 lb\$170

CI Series

CI-60-IV 2-Way In-Wall Speaker

6 1/2-in solid-piston woofer, 1-in soft-dome tweeter. Features auto-resetting thermal circuit breakers; ferrofluid tweeter cooling. 5-way binding posts. Power handling 80 W; FR 40-20,000 Hz; imp 8 ohms\$500/pr

CI-40-IVB 2-Way In-Wall Speaker

6 1/2-in polypropylene woofer, 3/4-in soft-dome tweeter. Features auto-resetting thermal circuit breakers; ferrofluid tweeter cooling. 5-way binding posts. Power handling 80 W; FR 45-20,000 Hz; imp 8 ohms\$400/pr

CI-20-IVB 2-Way In-Wall Speaker

6 1/2-in polypropylene woofer, 3/4-in dome tweeter. Features auto-resetting thermal circuit breakers; ferrofluid tweeter cooling. 5-way binding posts. Power handling 60 W; FR 50-20,000 Hz; imp 8 ohms\$300/pr

CI-SUB-IV In-Wall Subwoofer

6 x 9-in damped felt-cone dual-voice-coil driver. Power handling 100 W; FR 28-90 Hz; imp 8 ohms\$250

CI-10-IV 2-Way In-Wall Speaker

5 1/4-in polypropylene woofer, 3/4-in dome tweeter. Features auto-resetting thermal circuit breakers; ferrofluid tweeter cooling. 5-way binding posts. Power handling 50 W; FR 55-20,000 Hz; imp 8 ohms\$215/pr

CI-4-REC Ceiling Speaker

5 1/4-in polypropylene driver enclosed in mounting assembly to simulate standard recessed light housing. Features auto-resetting thermal circuit breaker. Quick-connect wire spring terminals. Power handling 40 W; FR 70-18,000 Hz; imp 8 ohms\$100

CI-2-FL Ceiling Speaker

5 1/4-in polypropylene driver enclosed in mounting assembly to simulate standard ceiling flood light housing. Features auto-resetting thermal circuit breaker. Quick-connect wire spring terminals. Power handling 40 W; FR 70-18,000 Hz; imp 8 ohms\$90

PHILIPS

FB830 3-Way Speaker

8-in woofer, 4-in glass-fiber midrange, 3/4-in supronyl-dome tweeter. Power handling 100 W cont; FR 43-20,000 Hz; sens 87 dB SPL/W/m; imp 6 ohms. 10 1/4 x 24 1/4 x 11 in\$550/pr

FB691 3-Way Speaker

Two 7-in woofers, one ferrofluid-cooled dome tweeter. Features overload protection. Power handling 90 W cont. 5-yr parts-and-labor warranty. 11 1/4 x 25 1/2 x 9 1/2 in\$300/pr

FB671 2-Way Bookshelf Speaker

Two 6-in woofers, one 3/4-in ferrofluid-cooled dome tweeter. Features overload protection. Power handling 70 W cont. 5-yr parts-and-labor warranty. 10 1/4 x 23 1/2 x 9 in\$250/pr

FB651 2-Way Bookshelf Speaker

7-in woofer, 3/4-in ferrofluid-cooled dome tweeter. Features overload protection. Power handling 50 W cont. 5-yr parts-and-labor warranty. 10 1/4 x 16 1/2 x 8 in\$200/pr

PHYSICS

The Ritz Home Theater System

3 front speakers, each with 6-in polypropylene woofer and aluminum-dome tweeter; 2 surround speakers, each with 4-in polypropylene driver; powered subwoofer with two horizontally opposed 8-in polypropylene drivers. Designed for conventional or in-wall mounting. Features dual-tuning enclosure for subwoofer; bass-reflex design for all enclosures. Power handling 100 W front channels; FR 28-22,000 Hz. Custom finishes available\$2,600

S P E A K E R S

Illusion FS 3-Way Speaker

6-in polypropylene woofer, 6-in polypropylene mid-bass, aluminum-dome tweeter. Features tweeter chamber; cylindrical polymer cabinet with acoustic servo bass loading; first-incident reflection control; hard-wired crossover with air-core inductors and metallized-polypropylene capacitors. Power handling 150 W cont avg; FR 50-20,000 Hz. Black-lacquered or dark-oak finish. 35-in height x 14-in diameter; 46 lb\$2,000/pr
Illusion M. As above, two 4-in polypropylene mid-basses. Includes stand. 38-in height x 7-in diameter on stand. 32 lb\$1,100/pr
Illusion WM. As Illusion M, except without stand. Designed for wall mounting. 22-in height x 8-in width. 20 lb\$1,100/pr

PINE BOX AUDIO

The following are constructed from select-grade 3/4-inch solid white pine bonded to 1/2-inch acoustic damping tile and feature a 2-year warranty.

Epitaph 3-Way Speaker

8-in poly woofer, 4-in poly midrange, 1-in textile-dome tweeter. Features 11-element impedance-correcting crossover. 12- or 18-in stand optional. Power handling 120 W rms; FR 50-20,000 Hz; imp 8 ohms. 10 x 31 1/2 x 9 1/4 in; 26.5 lb\$649/pr

Elegy 2-Way Bookshelf Speaker

8-in poly woofer, 1-in textile-dome tweeter. Features 10-element impedance-correcting crossover. Power handling 90 W rms; FR 60-19,500 Hz; imp 8 ohms. 10 x 19 1/2 x 9 1/4 in; 16.5 lb\$429/pr

Equinox Subwoofer

8-in poly dual-voice-coil driver. Power handling 150 W; crossover point 100-Hz stereo, 75 Hz mono; imp 8 ohms/coil. 19 1/2 x 9 1/2 x 19 1/2 in; 36.5 lb\$319

PINNACLE

Pyramid 2-Way Speaker

3-in coated paper woofer, 2-in ferrofluid-cooled cone tweeter. Features triangular shape for corner mounting; overload protection. Wall-mount hardware. Power handling 150 W; FR 60-18,000 Hz; imp 8 ohms. Soft white lacquer finish. 14 1/4-in equilateral triangle\$350/pr

Decibel Series

The following feature a patented 4th-order diaduct-port design, a black or cherry finish, and a 10-year warranty.

Model 98 db 2-Way Speaker

Two 8-in coated-paper woofers, 1-in tweeter. Power handling 150 W rms; FR 45-20,000 Hz; imp 4-8 ohms. 16 x 32 x 15 1/2 in; 72 lb\$925/pr

Model 96 db. As above, 6 1/2-in woofers. Power handling 125 W rms; FR 48-20,000 Hz. 13 1/4 x 25 1/2 x 14 1/2 in; 60 lb\$775/pr

Audio Cinema Series

The following feature a patented 4th-order diaduct-port design, a continuous-bevel cabinet, and a 7-year warranty.

AC-850 2-Way Speaker

8-in fiber woofer, 1-in oil-cooled tweeter. Magnetic shielding. Power handling 125 W rms; crossover point 2,200 Hz; FR 30-21,000 Hz; sens 93 dB SPL/W/m; imp 8 ohms. 10 1/2 x 25 1/2 x 9 1/2 in\$500/pr

AC-800 2-Way Bookshelf Speaker

8-in fiber woofer, 1-in oil-cooled soft-dome tweeter. Power handling 100 W rms; crossover point 2,200 Hz; FR 35-21,000 Hz; sens 92 dB SPL/W/m; imp 8 ohms. 11 x 18 1/2 x 10 1/2 in\$425/pr

AC-650 2-Way Bookshelf Speaker

6 1/2-in fiber woofer, 3/4-in oil-cooled soft-dome tweeter. Magnetic shielding. Power handling 85 W rms; crossover point 2,500 Hz; sens 91 dB SPL/W/m; imp 8 ohms. 9 1/2 x 16 1/2 x 8 1/2 in\$320/pr

Widescreen 2-Way Center-Channel Speaker

Four 4-in woofers, one 1-in soft-dome tweeter. Features magnetic shielding. Power handling 300 W max; imp 8 ohms. Black-vinyl finish. 25 1/4 x 6 x 5 1/4 in\$300

AC-SUB Subwoofer

Two 6 1/2-in drivers. Designed to be used with AC-400 speakers. Satellite volume switch and crossover. Power handling 100 W rms; crossover point 120 Hz; FR 36-150 Hz; sens 91 dB SPL/W/m; imp 8 ohms. 21 x 12 x 10 1/4 in\$260

AC-600 2-Way Bookshelf Speaker

6 1/2-in fiber woofer, 3/4-in liquid-cooled dome tweeter. Features magnetic shielding. Power handling 75 W rms; crossover point 4,000 Hz; FR 40-21,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 8 1/2 x 14 1/2 x 8 1/2 in\$249/pr

AC-500 2-Way Bookshelf Speaker

5 1/4-in fiber woofer, 3/4-in liquid-cooled dome tweeter. Features magnetic shielding. Power handling 70 W rms; crossover point 5,000 Hz; FR 50-21,000 Hz; sens 86 dB SPL/W/m; imp 8 ohms. 8 1/2 x 11 1/2 x 6 1/2 in\$229/pr

AC-400 2-Way Bookshelf Speaker

4-in woofer, 3/4-in liquid-cooled dome tweeter. Power handling 50 W rms; crossover point 5,500 Hz; FR 60-21,000 Hz; sens 86 dB SPL/W/m; imp 8 ohms. 6 1/2 x 9 1/4 x 6 in\$199/pr

AC-550 2-Way Bookshelf Speaker

5 1/4-in fiber woofer, 3/4-in oil-cool soft-dome tweeter. Magnetic shielding. Power handling 75 W rms; crossover point 2,500 Hz; FR 45-21,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. 8 1/2 x 13 x 7 1/2 in\$139

Pinnacle PN Series II

The following feature a proprietary diaduct port.

PN8+ 2-Way Bookshelf Speaker

4th-order vented design with 8-in mineral-filled polypropylene woofer and 1-in double-chamber magnetic-oil-cooled polymer-dome tweeter. Power handling 125 W rms; FR 30-21,000 Hz; imp 8 ohms. Black vinyl finish. 10 1/2 x 18 1/2 x 11 in; 17.5 lb\$375/pr

PN5+ 2-Way Bookshelf Speaker

4th-order vented design with 5 1/2-in mineral-filled polypropylene woofer and 3/4-in soft-dome tweeter. Power handling 50 W rms; FR 40-21,000 Hz; imp 8 ohms. Black vinyl finish. 6 1/2 x 11 1/2 x 6 1/2 in; 8 lb\$199/pr

PIONEER

CS-G703 4-Way Speaker

Bass-reflex design with 16-in woofer, 4 1/4-in cone midrange, 2 1/2-in cone tweeter, and 3/4-in dome super-tweeter. Power handling 150 W; FR 30-20,000 Hz\$240

CS-G503. As above, 12-in woofer. Power handling 120 W; FR 35-20,000 Hz\$200

CS-G404 3-Way Speaker

Bass-reflex design with 16-in woofer, 4 1/4-in cone midrange, and 2 1/2-in cone tweeter. Power handling 150 W; FR 30-20,000 Hz\$198

CS-G304. As above, 12-in woofer. Power handling 120 W; FR 35-20,000 Hz\$326/pr

CS-G204. As CS-G404, 10-in woofer. Power handling 100 W; FR 40-20,000 Hz\$236/pr

CS-G104 2-Way Bookshelf Speaker

Acoustic-suspension design with 10-in woofer and 2 1/2-in cone tweeter. Power handling 50 W; FR 55-20,000 Hz\$166/pr

CS-G103. As above, sold singly\$80

CS-G53 2-Way Bookshelf Speaker

Bass-reflex design with one 6-in woofer and one 2 1/2-in cone tweeter. Features magnetic shielding. Power handling 70 W; FR 55-20,000 Hz; sens 87.5 dB; imp 8 ohms. Oak or black finish. 8 1/2 x 14 1/2 x 7 1/2 in\$70

Home Theater Speakers

S-V401-K/H Home Theater System

Subwoofer with two 4 1/4-in drivers; 3 satellites, each with 4-in woofer and 2 1/2-in cone tweeter; and 2 surround speakers, each with 4-in woofer and 2-in cone tweeter. Power handling 130 W; FR 40-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Black subwoofer; black or white satellites. Subwoofer 7 1/2 x 21 1/2 x 16 1/2 in. Each satellite or surround 6 1/2 x 10 1/2 x 4 1/4 in\$910

S-V301-K/H. As above, 2 satellites\$800

S-4D-K/H Subwoofer/Satellite System

Subwoofer with two 4 1/4-in drivers; 3 satellites, each with 4-in woofer and 2 1/2-in cone tweeter. Power handling 130 W; FR 40-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Black subwoofer; black or white satellites. Subwoofer 7 1/2 x 21 1/2 x 16 1/2 in. Each satellite 6 1/2 x 10 1/2 x 4 1/4 in\$680

S-3D-K/H. As above, 2 satellites\$570

S-V201 Home Theater System

Subwoofer with 8-in driver; 3 satellites and 2 surround speakers, each with 4-in woofer and 1-in tweeter. Power handling 100 W subwoofer and satellite, 50 W center channel and surround; FR 40-20,000 Hz; sens 85 dB subwoofer and satellites, 88 dB center channel and surrounds. Subwoofer 11 x 16 1/2 x 10 1/4 in. Satellite and surround 5 1/2 x 7 1/2 x 4 1/4 in\$580

S-2D. As above, 2 satellites, no surrounds\$350

S-SR55-K/H 2-Way Surround Speaker

Bass-reflex design with 4-in woofer and 2-in cone tweeter. Power handling 130 W; FR 150-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Black or white. 6 1/2 x 10 1/2 x 4 1/4 in\$230/pr

S-CR400 Center/Surround System

Center-channel speaker with two 4-in drivers; 2 surround speakers, each with 4-in driver. Magnetic center-channel shielding. Power handling 70 W center, 40 W surround\$160

S-X7 Surround Speaker

Bass-reflex design with 3 1/2-in driver. Sens selector switch. Power handling 30 W; FR 100-20,000 Hz; sens 90 dB; imp 16 ohms. 5 1/2 x 7 1/2 x 4 1/4 in\$155/pr

HTSS-1-K/H Satellite Speaker

With stand. Black or white stand\$150/pr

S-C55-K/H 2-Way Center-Channel Speaker

Bass-reflex design with 4-in woofer and 2 1/2-in cone tweeter. Magnetic shielding. Power handling 130 W; FR 150-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Black or white. 6 1/2 x 10 1/2 x 4 1/4 in\$130

CS-C400 Center-Channel Speaker

Two 4-in drivers. Magnetic shielding. Power handling 70 W; FR 50-20,000 Hz; sens 89.5 dB SPL/W/m; imp 8 ohms. 12 1/2 x 5 1/2 x 10 1/4 in\$90

CS-X500-Q/K Surround Speaker

Acoustic-suspension design with 4-in full-range driver. Power handling 40 W; FR 100-20,000 Hz; sens 88 dB; imp 8 ohms. Oak or black finish. 5 1/2 x 7 1/2 x 5 in\$70/pr

CS-C250II-Q/K 2-Way Center-Channel Speaker

Bass-reflex design with 6-in woofer and 2 1/2-in cone tweeter. Magnetic shielding. Power handling 70 W; FR 50-20,000 Hz; sens 88 dB; imp 8 ohms. Oak or black finish. 11 1/2 x 6 1/2 x 6 1/2 in\$65

PIONEER ELECTRONICS TECHNOLOGY

CSL-100 2-Way Outdoor Speaker

Omnidirectional design with 6 1/2-in graphite reinforced-polypropylene woofer, 3 1/2-in tweeter. Mountable onto wood deck, concrete, or brick surface. Features DuPont Corian cabinet; overload protection circuitry; operation within temperature extremes of -13° to 150° F; resistance to weather and ultraviolet radiation; stainless-steel hardware; 12-V lighting system with 18-W lamp and 180° light-

S P E A K E R S

ing pattern. 12-V transformer and sound-chamber mounting optional. Power handling 100 W max; FR 70-20,000 Hz; imp 8 ohms. Gray or beige. 13 1/2 x 13 1/2 x 8 1/4 in; 32.6 lb\$599
CSL-1000. Tower version of above with two 3/4-in tweeters. Features 360° lighting with layered lens system. Corian base for ground mounting optional. Power handling 150 W max; FR 35-25,000 Hz. 9 1/2 x 35 1/2 x 9 1/2 in; 60.6 lb\$999

CSL-250 Outdoor Speaker

Omnidirectional design with 6 1/2-in graphite-reinforced polypropylene driver. Mountable onto wood deck, concrete, or brick surface; may be lowered up to 6 inches into ground. Features polyethylene cabinet; operation within temperature extremes of -13° to 140° F; stainless-steel hardware; top cavity ports. Includes stakes for ground mounting. Power handling 150 W max; FR 50-20,000 Hz; imp 8 ohms. Gray or beige. 13 x 15 1/2 x 9 1/2 in; 12 lb\$299
CSL-300. As above, featuring 12-V lighting system with 12-W lamp and 360° lighting pattern. 12-V transformer optional. 13 x 17 1/4 x 9 1/2 in; 14 lb\$369

CSL-50E Outdoor Speaker

4 1/2-in graphite-reinforced polypropylene driver. Mountable onto wood deck, concrete, or brick surface. Features non-resonant cabinet; gaskets for transducer and connection terminals; rubber O ring to seal cabinet front; operation within temperature extremes of -13° to 140° F; resistance to moisture and ultraviolet fading; stainless-steel hardware. 5-way gold-plated binding posts. Submersible cabinet; 12-V lighting system with 18-W lamp and 180° lighting pattern. 12-V transformer or sound-chamber mounting optional. Power handling 150 W max; FR 75-20,000 Hz; imp 8 ohms. Black or white. 5-yr parts-and-labor warranty. 10 1/4 x 5 1/2 x 8 1/2 in; 5 lb\$299/pr
CSL-70E. 2-way version of the above with 3/4-in tweeter. FR 75-22,000 Hz. 5.5 lb\$369/pr

POINTSOURCE

SUB100 Powered Subwoofer

Sealed enclosure with 12-in forward-firing driver. Features variable crossover. Level control; phase-reverse switch. Power handling 100 W; FR 20-85 Hz. Black-oak finish; other finishes available. 16 x 16 x 16 in\$1,000

POLK

Signature Reference Home Theater System

Two powered subwoofers, each with two 10-in composite-polymer woofers and amp rated at 300 W; two LS fix rear surround speakers; two satellite speakers, each with eight 5/4-in composite-polymer woofers and one 1-in trilaminar-dome tweeter; center-channel speaker with four 5/4-in composite-polymer woofers and one 1-in trilaminar-dome tweeter; control center. Features SDA image-enhancement circuitry. Magnetic shielding for satellite speakers, powered subwoofers, and center-channel speaker; phase and level adjustments for powered subwoofers; subwoofer level switchable between music and video; remote control. Power handling 300 W max satellite, center channel; FR 70-26,000 Hz satellite, 15-280 Hz subwoofer, 70-26,000 Hz center channel; sens 87 dB SPL/W/m satellite, center channel; imp 4 ohms satellite, 8 ohms center channel. Black lacquered ash wood center-channel, subwoofer, and satellite finishes. Each subwoofer 14 x 31 1/2 x 22 1/4 in. Each satellite 12 x 28 x 18 in. Control center 16 1/2 x 2 1/2 x 9 1/4 in. Center-channel speaker 26 1/2 x 17 1/2 x 6 in\$8,990

PSW300 Powered Subwoofer

10-in driver; amp rated at 150 W. Line- and speaker-level inputs and outputs. Switchable phase control. Crossover point variable from 50-150 Hz; FR 19-200 Hz. Black grain finish. 18 x 12 1/4 x 20 in; 45 lb\$799

PSW100 Powered Subwoofer

8-in driver; amp rated at 125 W. Line- and speaker-level inputs. Switchable phase control. Crossover point variable from 50-150 Hz; FR 22-200 Hz. Black grain finish. 14 1/2 x 10 1/2 x 19 1/2 in; 36 lb\$549

Mini Monitor 2-Way Bookshelf Speaker

5 1/4-in polymer-laminate woofer and 1/2-in dome tweeter. Power handling 100 W; FR 42-25,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 10 1/2 x 6 1/2 x 7 in; 7.5 lb\$79

RM Series

RM7000 Home Theater System

Powered subwoofer with 8-in driver and 65-W amp; two satellites, each with 3 1/2-in midrange and 1/2-in dome tweeter; center-channel speaker with two 3 1/2-in midranges and one 1/2-in dome tweeter. Power handling 125 W center, satellite; FR 22-22,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black or white matrix satellites. Subwoofer 14 1/2 x 10 1/2 x 19 1/2 in. Each satellite 7 x 4 1/2 x 5 1/2 in\$1,349

RM5000-II Home Theater System

Subwoofer with two 6 1/2-in drivers and 10-in radiator; two satellites, each with 3 1/2-in woofer and 1/2-in dome tweeter; center-channel speaker with two 3 1/2-in woofers and one 1/2-in dome tweeter. Power handling 250 W; FR 25-22,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black or white. Subwoofer 13 x 17 1/2 x 12 1/4 in. Each satellite 7 x 4 1/2 x 5 1/2 in\$1,099

RM4000-II Home Theater System

Subwoofer with two 6 1/2-in drivers and 10-in radiator; three satellites, each with 3 1/2-in midrange and 1/2-in dome tweeter. Power handling 125 W; FR 25-22,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black or white matrix finish. Subwoofer 13 x 17 1/2 x 12 1/4 in. Each satellite 7 x 4 1/2 x 5 1/2 in\$999

RM3000-II Subwoofer/Satellite System

Subwoofer with two 6 1/2-in drivers and 10-in radiator; two satellites, each with 3 1/2-in woofer and 1/2-in dome tweeter. Power handling 125 W; FR 25-22,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black or white matrix finish. Subwoofer 13 x 17 1/2 x 12 1/4 in. Each satellite 7 x 4 1/2 x 5 1/2 in\$849

RM2000-II 2-Way Satellite Speaker

3 1/2-in woofer, 1/2-in tweeter. Power handling 125 W; FR 150-22,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black or white matrix finish. 4 1/2 x 11 1/2 x 5 1/2 in\$499/pr

RM2500C-II 2-Way Center-Channel Speaker

Two 3 1/2-in drivers, and one 1/2-in tweeter. Power handling 125 W; FR 125-22,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black matrix finish. 4 1/2 x 11 1/2 x 5 1/2 in; 11 lb\$299

LS Series

LS90 2-Way Speaker

Ported design with four 6 1/2-in composite-polymer woofers and one 1-in trilaminar-dome tweeter. Power handling 250 W max; crossover point 2,500 Hz; FR 20-26,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Gloss rosewood laminate, real-wood black, or real-wood oak finish. 12 1/4 x 40 x 14 1/2 in; 73 lb\$849

LS70 2-Way Speaker

Ported design with two 7 1/2-in composite-polymer woofers and one 1-in trilaminar-dome tweeter. Power handling 250 W max; FR 25-26,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Gloss rosewood-laminate, black, or oak finish. 37 x 12 1/4 x 14 1/2 in; 62 lb\$649
 Black or oak grain finish\$599

LSf/x 2-Way Surround Speaker

Two 4 1/2-in composite-polymer woofers, two 1-in trilaminar-dome tweeters. Features switchable dipole/bipolar configuration. Power handling 100 W; FR 60-26,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black grain or white finish. 11 x 6 1/2 x 9 in; 18 lb\$549

LS50 2-Way Speaker

Ported design with two 6 1/2-in composite-polymer woofers and one 1-in trilaminar-dome tweeter. Power handling 250 W; FR 30-26,000 Hz; sens 89.5 dB SPL/W/m; imp 8 ohms. Gloss rosewood-laminate finish. 32 1/2 x 10 1/2 x 11 1/2 in; 48 lb\$499
 Black or oak grain finish\$449

AB Series

AB805 2-Way In-Wall Speaker

Two 6 1/2-in composite-polymer woofers, one 1-in dome tweeter. Power handling 150 W; FR 30-25,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Paintable white finish. 15 1/2 x 6 1/4 in\$549/pr

AB705 2-Way In-Wall Speaker

6 1/2-in composite-polymer woofer, 1-in dome tweeter. Power handling 125 W; FR 32-25,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Paintable white finish. 9 1/2 x 6 1/4 in\$399/pr

AB705C. Above with magnetic shielding\$249

AB610 2-Way In-Wall Speaker

6 1/2-in polymer woofer, 3/4-in polymer-dome tweeter. Power handling 100 W; FR 40-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 7 1/4-in round\$249/pr

AB505 2-Way In-Wall Speaker

5 1/4-in composite-polymer woofer, 3/4-in polymer-dome tweeter. Power handling 100 W; FR 67-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Paintable white finish. 8 1/2 x 5 1/2 in\$249/pr

AB410 In-Wall Speaker

Polymer-laminate driver. Power handling 75 W; FR 60-17,500 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Paintable white finish. 7 1/4-in round\$149/pr

RT Series

RT16 2-Way Speaker

Ported design with two 7 1/2-in composite woofers and one 1-in trilaminar-dome tweeter. Magnetic shielding. Power handling 250 W max; FR 25-26,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black or oak grain finish. 8 1/2 x 40 x 15 1/2 in; 56.5 lb\$499

RT12 2-Way Speaker

Ported design with two 6 1/2-in composite woofers and one 1-in dome tweeter. Magnetic shielding. Power handling 200 W max; FR 28-25,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black or oak grain finish. 7 1/2 x 36 1/2 x 12 1/2 in; 45 lb\$399

RT10 2-Way Speaker

Ported design with one 7 1/2-in composite woofer and one 1-in dome tweeter. Magnetic shielding. Power handling 150 W max; FR 30-25,000 Hz; sens 89.5 dB SPL/W/m; imp 8 ohms. Black or oak grain finish. 8 1/2 x 34 x 10 in; 39 lb\$299

RT8 2-Way Speaker

Ported design with one 6 1/2-in composite woofer and one 1-in dome tweeter. Magnetic shielding. Power handling 125 W max; FR 33-25,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black or oak grain finish. 7 1/2 x 31 1/2 x 10 in; 35.5 lb\$249

RT7 2-Way Bookshelf Speaker

Ported design with one 7 1/2-in composite woofer and one 1-in trilaminar-dome tweeter. Magnetic shielding. Power handling 150 W max; FR 35-26,000 Hz; sens 89.5 dB SPL/W/m; imp 8 ohms. Black or oak grain finish. 27 lb\$199

RT5 2-Way Bookshelf Speaker

Ported design with 6 1/2-in composite woofer and 1-in dome tweeter. Features magnetic shielding. Power handling 125 W max; FR 39-25,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black or oak grain finish. 20 lb\$149

RT3 2-Way Bookshelf Speaker

Ported design with 5 1/2-in composite woofer and 1-in dome tweeter. Features magnetic shielding. Power handling 100 W max; FR 50-25,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black or oak grain finish. 15 lb\$109

CS Series

CS350LS 2-Way Center-Channel Speaker

Four 4 1/2-in composite-polymer woofers, one 1-in trilaminar-dome tweeter. Power handling 250 W; FR 60-26,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. 26 x 6 1/2 x 11 in; 17 lb\$449

CS250S 2-Way Center-Channel Speaker

Two 4½-in composite-polymer woofers, one 1-in dome tweeter. Power handling 100 W; FR 80-25,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 18 x 6 x 8 in; 10 lb . \$299

CS200 2-Way Center-Channel Speaker

Two 4½-in composite-polymer woofers, one ½-in dome tweeter. Power handling 100 W; FR 90-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 18 x 6 x 6 in; 7 lb . \$219

CS150 2-Way Center-Channel Speaker

One 4½-in woofer, one 4½-in radiator, one ½-in dome tweeter. Power handling 100 W; FR 100-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 18 x 6 x 6 in; 7 lb . \$179

Multi-Application Series

M5 2-Way Bookshelf Speaker

6½-in composite-polymer woofer, 1-in dome tweeter. Includes mounting bracket. Power handling 125 W; FR 32-25,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Black or white. 13¼ x 8¼ x 9 in; 10 lb . \$179
AW-M5. All-weather version of the above, with white finish . \$224

M3-II 2-Way Bookshelf Speaker

5½-in composite-polymer woofer, ½-in dome tweeter. Power handling 100 W; FR 60-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 11¼ x 6½ x 8¼ in; 7 lb . \$119
AW-M3-II. All-weather version of the above. Black or white . \$149
M3-II Video. M3-II with magnetic shielding . \$149

POSH

The following feature Posh's patented injection-molded polystyrene baffle plate and an acoustic-chamber design with a customizable trim-ring/grille assembly in an 11-inch round or square frame.

Model 928 2-Way Ceiling Speaker

Acoustic-suspension design with 8-in mica-injected polypropylene woofer and 1-in coaxially mounted soft-dome tweeter. Designed for ceiling installation. Power handling 150 W max; FR 35-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms . \$1,050/pr

In-Wall 9 2-Way In-Wall/Ceiling Speaker

Infinite-baffle design with 8-in mica-injected polypropylene woofer and coaxially mounted 1-in soft-dome tweeter. Designed for new-construction applications; can be installed in 2 x 4-in stud wall or ceiling. Power handling 150 W max; FR 45-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 18 x 18 x 1 in . \$899/pr
Retro 9. As above, baffle plate modified for retrofit. 9¼ x 13¾ x 1 in; 4.8 lb . \$899/pr
In-Wall 5. As In-Wall 9, 8-in doped-paper woofer, ¾-in ferrofluid-cooled polymer-dome tweeter. Power handling 100 W max; FR 60-20,000 Hz ±3 dB. 18 x 10 x 1 in . \$550/pr
Retro 5. As In-Wall 5, baffle plate modified for retrofit. 9¼ x 13¾ x 1 in . \$550/pr

Model 528 2-Way Ceiling Speaker

8-in felted-paper woofer with coaxially mounted ¾-in ferrofluid-cooled horn-loaded polymer-dome tweeter. Designed to nail directly to ceiling framing. Features loudness compensation with 4-dB boost at 100 Hz and 10,000 Hz. Power handling 100 W max; FR 47-22,000 Hz ±3 dB; imp 8 ohms. 18 x 18 x 1¼ in . \$725/pr

Model 835-SX Ceiling Subwoofer

Vented design with 8-in polypropylene dual-voice-coil driver. Designed for ceiling installations. Features passive crossover network combination of 2nd-order Linkwitz-Riley low-pass filter with 1st-order impedance-compensated high-pass filter for satellite speakers; 2 identical crossovers for dual-mono design. Crossover installable at speaker or amp. Power handling 150 W max; FR 35-120 Hz ±3 dB; sens 90 dB SPL/W/m; imp 4 ohms. 18 x 18 x 1¼ in . \$640
Model 835-S. As above, without crossover . \$480

Model 835-MX Ceiling Subwoofer

Vented design with 8-in long-throw polypropylene

driver. Features passive crossover network combining 2nd-order Linkwitz-Riley low-pass filter with 1st-order impedance-compensated high-pass filter. Power handling 150 W max; FR 35-120 Hz ±3 dB; sens 90 dB SPL/W/m; imp 4 ohms. 18 x 18 x 1¼ in . \$520
Model 835-M. As above, without crossover . \$440

PROAC

The following are available in a teak, walnut, or black-ash finish.

Studio 200 2-Way Speaker

Two 7-in magnesium-frame woofers and one 1-in fabric soft-dome tweeter. FR 28-25,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 9 x 46 x 11 in; 80 lb . \$3,200/pr

Studio 100 2-Way Bookshelf Speaker

6½-in woofer, 1-in fabric soft-dome tweeter. FR 40-30,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 8 x 16 x 10 in; 27 lb . \$1,400/pr

Tablette 50 2-Way Bookshelf Speaker

5-in woofer, ¾-in soft-dome tweeter. FR 40-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 6½ x 11 x 9 in; 13 lb . \$975/pr

PROFESSIONAL TECHNOLOGIES

The following feature an oak-veneer finish.

PT-652D 2-Way Speaker

Ported design with two 6½-in woofers and one 1¼-in tweeter. Power handling 500 W; crossover point 2,500 Hz; FR 40-20,000 Hz; sens 93 dB SPL/W/m; imp 4 ohms. 9 x 24 x 13¼ in . \$980/pr

PT-8341 3-Way Speaker

Ported design with 8-in woofer, 4-in cone midrange, and 1-in dome tweeter. Power handling 200 W; FR 37-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 13½ x 27¼ x 12 in . \$899/pr

PT-821 2-Way Speaker

Ported design with 8-in woofer and 1¼-in dome tweeter. Power handling 500 W; FR 31-20,000 Hz ±3 dB; sens 91 dB SPL/W/m; imp 8 ohms. 10¼ x 35¼ x 13¼ in . \$849/pr

PT-6521 2-Way Bookshelf Speaker

Ported design with 6½-in woofer and 1-in dome tweeter. Power handling 120 W; FR 45-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 13½ x 17¼ x 12 in . \$579/pr

Modular Series

Modula 12 Subwoofer

Ported design with 12-in driver. Power handling 150 W rms; FR 37-1,800 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 9 x 30 x 13¼ in . \$399

Modula 10. As above, 10-in driver. FR 43-2,500 Hz. 9 x 23 x 13¼ in . \$379

Modula 8. As above, 8-in driver. FR 32-3,500 Hz. 9 x 18 x 13¼ in . \$369

Modula 6.5. As above, 6½-in driver. Power handling 75 W rms; FR 47-3,500 Hz. 9 x 11 x 13¼ in . \$359

PSB

Stratus Gold 3-Way Speaker

10-in long-throw woofer, 6½-in midrange, 1-in aluminum-dome tweeter. Power handling 250 W max; crossover points 250 and 2,200 Hz; FR 36-20,000 Hz ±1 dB; sens 88 dB; imp 4 ohms. High-gloss black finish . \$2,350/pr
 Black, oak, or dark-oak finish . \$2,100/pr

Stratus Silver 2-Way Speaker

Two 6½-in polymer woofers, one 1-in aluminum-dome tweeter. Power handling 200 W max; crossover points 500 and 2,100 Hz; FR 40-20,000 Hz ±1.5 dB; sens 91 dB; imp 4 ohms. High-gloss black finish. 13½ x 38¼ x 9½ in; 60 lb . \$1,650/pr
 Black, oak, or dark-oak finish . \$1,500/pr

Stratus Mini 2-Way Speaker

6½-in woofer, ¾-in aluminum-alloy dome tweeter. Power handling 150 W max; crossover point 2,200 Hz; FR 55-20,000 Hz ±1.5 dB; sens 86 dB; imp 4 ohms. Gloss black finish . \$1,050/pr
 As model above, except with black-oak or dark-oak finish . \$950/pr

Subsonic III Powered Subwoofer

Tuned-port design with 12-in poly-coated compressed-felt driver; built-in amp rated at 180 W x 1. Adjustable level and roll-off controls; phase switch. FR 24-150 Hz; sens 92 dB. High-gloss black finish . \$899

PSB-800 2-Way Speaker

Two 8-in carbon-filled polypropylene woofers, one 1-in ferrofluid-cooled cloth-dome tweeter. Features cabinet bracing; bipolar capacitors. Includes steel floor spikes. Power handling 150 W; crossover point 2,000 Hz; FR 48-20,000 Hz ±1.5 dB; sens 92 dB; imp 8 ohms. Black or medium oak finish. 10 x 35¼ x 13¼ in; 45 lb . \$799/pr

Subsonic II Powered Subwoofer

Vented design with 12-in poly-coated compressed-felt cone driver; built-in amp rated at 90 W x 1. Adjustable level and roll-off controls; phase switch. FR 27-150 Hz; sens 92 dB. Black-oak finish. 16 x 16 x 16 in . \$699

PSB-600 2-Way Speaker

Two 6½-in polypropylene woofers, one ¾-in ferrofluid-cooled treated-textile dome tweeter. Features bipolar capacitors. Power handling 125 W; crossover point 2,200 Hz; FR 50-20,000 Hz ±1.5 dB; sens 91 dB; imp 8 ohms. Black or brown oak-grain finish. 8½ x 31 x 12½ in; 32 lb . \$599/pr

Stratus C5 2-Way Center-Channel Speaker

Two 5½-in woofers, two ½-in dome tweeters. Power handling 150 W max; crossover point 2,800 Hz; FR 58-21,000 Hz ±2 dB; sens 91 dB; imp 8 ohms. High-gloss black finish. 19 x 6¼ x 9¼ in . \$550
 Dark-oak or black-oak finish . \$500

PSB-500 2-Way Speaker

8-in carbon-filled polypropylene woofer, ¾-in ferrofluid-cooled cloth-dome tweeter. Features bipolar capacitors. Power handling 100 W; crossover point 2,200 Hz; FR 50-20,000 Hz ±1.5 dB; sens 92 dB; imp 6 ohms. Black or medium oak finish. 10 x 23 x 12 in; 29 lb . \$499/pr

Ambient II 2-Way Surround Speaker

Dipole design with two 5¼-in polypropylene woofers and two ½-in ferrofluid-cooled poly-flare dome tweeter. Includes wall mount. Power handling 80 W; crossover point 3,000 Hz; FR 75-20,000 Hz; sens 90 dB; imp 8 ohms. Black oak grained or white finish. 11 x 11 x 8 in; 10 lb . \$450/pr

PSB-400 2-Way Bookshelf Speaker

6½-in carbon-filled polypropylene woofer, ¾-in ferrofluid-cooled cloth-dome tweeter. Features cabinet bracing; bipolar capacitors. Power handling 80 W; crossover point 2,500 Hz; FR 60-20,000 Hz ±1.5 dB; sens 89 dB; imp 6 ohms. Black or medium oak finish. 8½ x 16 x 11¾ in; 18 lb . \$399/pr

PSB-200C 2-Way Center-Channel Speaker

Two 5¼-in woofers, one ½-in dome tweeter. Power handling 120 W max; crossover point 2,800 Hz; FR 72-21,000 Hz ±1.5 dB; sens 92 dB; imp 8 ohms. Black oak finish. 19¼ x 6¼ x 9¼ in . \$299

Alpha Subsonic Subwoofer

Tuned-port design with two 6½-in drivers. FR 40-100 Hz; sens 92 dB. Black oak finish. 20 x 15½ x 17 in . \$299

PSB-300 2-Way Bookshelf Speaker

6-in polypropylene woofer, ¾-in ferrofluid-cooled polyimide-dome tweeter. Features bipolar capacitors. Power handling 80 W; crossover point 3,000 Hz; FR 75-20,000 Hz ±2 dB; sens 91 dB; imp 6

ohms. Black or medium oak finish. 8½ x 14¼ x 9½ in; 13 lb \$299/pr

Alpha-SE 2-Way Bookshelf Speaker

6½-in woofer, ½-in ferrofluid-cooled poly-dome tweeter. Magnetic shielding. Stand optional. Power handling 80 W; crossover point 3,000 Hz; FR 90-20,000 Hz ±2 dB; sens 90 dB; imp 6 ohms. Black oak grain or white finish. 7¼ x 12½ x 9½ in; 9.5 lb \$249/pr

Alpha 2-Way Bookshelf Speaker

6½-in woofer, ½-in ferrofluid-cooled poly-dome tweeter. Stand optional. Power handling 80 W; crossover point 3,000 Hz; FR 90-20,000 Hz ±2 dB; sens 90 dB; imp 6 ohms. Simulated black-oak finish. 7¼ x 12½ x 9½ in; 9.5 lb \$199/pr

Model 100C 2-Way Center-Channel Speaker

Two 4-in woofers, ½-in poly-flare dome tweeter. Power handling 100 W max; crossover point 3,000 Hz; FR 95-21,000 Hz ±2 dB; sens 93 dB; imp 6 ohms. Black oak finish. 17 x 6 x 7½ in; 13 lb \$179

QUADRATURE

The following models feature an external digital signal processor that provides correction algorithms through proprietary software.

DSP-1a Grand 3-Way Speaker System

2 low-frequency arrays and 1 high-frequency array per channel with twenty-four 6½-in woofers, twenty-four 6½-in coupled radiators, twelve 5½-in poly-cone midranges, and twenty 1-in poly-dome tweeters per channel. FR 20-22,000 Hz ±2 dB; sens 93 dB; imp 6 ohms. Choice of wood finish. Low-frequency array 12¼ x 92¾ x 21 in. High-frequency array 11½ x 92¾ x 8 in \$42,000

DSP-1a 3-Way Speaker System

1 low-frequency array and 1 high-frequency array per channel with twelve 6½-in woofers, twelve 6½-in coupled radiators, twelve 5½-in poly-cone midranges, and twenty 1-in poly-dome tweeters per channel. FR 23-22,000 Hz ±2 dB; sens 91 dB; imp 6 ohms. Low-frequency array 12¼ x 92¾ x 21 in. High-frequency array 11½ x 92¾ x 8 in \$35,000

DSP-2a 3-Way Speaker System

1 low-frequency array and 1 high-frequency array per channel with six 6½-in woofers, six 6½-in coupled radiators, six 5½-in poly-cone midranges, and ten 1-in poly-dome tweeters per channel. FR 23-22,000 Hz ±2 dB; sens 89 dB; imp 8 ohms. Low-frequency array 12¼ x 47¼ x 21 in. High-frequency array 11½ x 67¼ x 8 on stand \$23,000

DSP-3 3-Way Speaker System

1 low-frequency array and 1 high-frequency array per channel with four 6½-in woofers, four 6½-in coupled radiators, three 5½-in poly-cone midranges, and six 1-in poly-dome tweeters per channel. FR 25-22,000 Hz ±2 dB; sens 90 dB; imp 8 ohms. 13 x 72 x 17 in assembled \$14,500

DSP-4 3-Way Speaker

Two 8-in woofers, two 5½-in poly-cone midranges, four 1-in poly-dome tweeters. Features dual ports for woofers. FR 26-21,000 Hz ±2 dB; sens 89 dB; imp 6 ohms. Oak finish. 13 x 57½ x 16 in; 181 lb. \$9,500/pr
DSP-5. As above, single 10-in woofer, single 5½-in midrange, single 1-in ferrofluid-cooled silk-dome tweeter. FR 27-20,000 Hz ±2 dB; sens 88 dB; imp 8 ohms. 13 x 48 x 15½ in; 155 lb \$4,950/pr

QUANTA

Some of the following are available in kit form. Contact the manufacturer for information.

Baby Pyramid MkIII 2-Way Bookshelf Speaker

4th-order vented design with 5¼-in poly-laminated Kevlar woofer and 1½-in ferrofluid-cooled textile-dome tweeter. Features 6-dB/oct crossover. Crossover point 2,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 10½ x 15½ x 11½ in \$5,500/pr

Model VII Series II 2-Way Speaker

4th-order vented hybrid-line design with 8¼-in laminated-polypropylene woofer and 1½-in ferrofluid-cooled textile-dome tweeter. Features 6-dB/oct crossover. Crossover point 2,000 Hz; sens 92 dB SPL/W/m; imp 8 ohms. 11½ x 34¾ x 12½ in \$3,500/pr

B Subwoofer

4th-order vented design with 10¼-in poly-laminated driver. Sens 92 dB SPL/W/m; imp 8 ohms. 14¼ x 34¾ x 24¼ in \$3,250

Model III Series II 2-Way Speaker

4th-order vented hybrid-line design with 6½-in laminated-polypropylene woofer and 1-in ferrofluid-cooled aluminum-dome tweeter. Features 6-dB/oct crossover. Rounded corners. Crossover point 2,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 8¾ x 20¾ x 12¼ in \$2,250/pr
 Above with square corners \$1,490/pr

Amazing Mini-Monitor 2-Way Bookshelf Speaker

4th-order vented design with 5¼-in poly-laminated woofer and 1-in polyimide-dome tweeter. Features 6-dB/oct crossover. Rounded corners. Crossover point 2,500 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 7¾ x 16¾ x 10½ in \$1,699/pr
 Above with square corners \$997/pr

A Subwoofer

4th-order vented design with 8¼-in poly-laminated driver. Sens 89 dB SPL/W/m; imp 8 ohms. 11½ x 25¾ x 17½ in \$1,290

QUANTUM SOUND

BT7001 Subwoofer

Two 15-in horn drivers. FR 28-125 Hz. 45 x 22½ x 45 in \$3,995

SS1840 Subwoofer

Two 18-in passive drivers, two 15-in proprietary ServoDrive transducers. Features dual 9-in ports. Sens 98 dB SPL/W/m. 37¾ x 22½ x 18 in \$2,495

CB1001 Subwoofer

Two 18-in proprietary ServoDrive transducers. 45 x 22 x 28 in \$2,295

FF2810A Speaker

28 x 14-in proprietary TorqueDriver transducer. Features 60° trapezoid design. 30 x 25 x 25 in \$1,295

FL2210A In-Wall Speaker

21 x 13-in surface-mount line-source TorqueDriver transducer. Features 110° horizontal and 20° vertical dispersion patterns. Picture-frame grille with choice of colored cloth optional. Power handling 100 W rms; sens 92 dB SPL/W/m. 22 x 14 x 3½ in \$995

QUARZ

The E120, Q35, Q25, Q15, and C205 are shallow panel speakers designed for stand or wall mounting.

Top Gun I Home Theater System

Includes two Q35 speakers, two E120 surround speakers, one PSW12 powered subwoofer, one SW12 passive subwoofer, and one C205 center-channel speaker \$1,499

Top Gun IV Home Theater System

Includes four Q15 bookshelf speakers, one PSW12 powered subwoofer, and one C205 center-channel speaker \$999

PSW12 Powered Subwoofer

12-in rear-firing driver; amp rated at 60 W x 1 rms into 8 ohms. Features Class A/B amplifier; 12-dB/oct crossover at 80 Hz; ¾-in-MDF sealed enclosure. Line-level RCA inputs; gold-plated 5-way binding posts. ±12-dB gain control; auto turn-on/off. FR 18-80 Hz -3 dB. Walnut, white, or black-lacquer hardwood end caps. 1-yr parts-and-labor warranty. 14 x 23 x 8 in; 40 lb \$699
SW12. As above, passive. May be connected to above via 5-way binding posts \$349

E120 2-Way Surround Speaker

Dipole design with two 5-in doped fibrous woofers and two 1-in composite-cone tweeter. Features ½-in-MDF enclosure. Gold-plated 5-way binding posts. Includes wall bracket. Power handling 100 W; FR 100-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Hardwood end caps. 5-yr warranty. 10 x 10 x 5½ in; 21 lb \$399/pr

Q35 2-Way Speaker

Bass-reflex design with 5-in doped fibrous woofer and 1-in composite-cone tweeter. Features ½-in-MDF enclosure; acoustic/mechanical crossover. Gold-plated solid-brass 5-way binding posts. Adjustable locking floor spikes. Includes stand and wall bracket. Power handling 100 W; crossover point 6,000 Hz; FR 45-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Hardwood end caps. 5-yr warranty. 10 x 33½ x 2½ in \$399/pr

Q25 2-Way Bookshelf Speaker

Sealed design with 5-in doped fibrous woofer and 1-in composite-cone tweeter. Features ½-in-MDF construction; acoustic/mechanical crossover. Gold-plated solid-brass 5-way binding posts. Includes stand and wall bracket. Power handling 100 W; crossover point 6,000 Hz; FR 55-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Hardwood end caps. 5-yr warranty. 10 x 22 x 2½ in \$299/pr
Q15. As above, without 5-way binding posts. FR 100-20,000 Hz. 10 x 10 x 2½ in \$199/pr

C205 2-Way Center-Channel Speaker

Two 5-in doped fibrous woofers, one 1-in composite-cone tweeter. Features ½-in-MDF enclosure. Gold-plated 5-way binding posts. Magnetic shielding. Includes swiveling stand. Power handling 100 W; FR 190-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Hardwood end caps. 5-yr warranty. 17 x 7 x 4¼ in; 11 lb \$249/pr

QUINTESSANCE ACOUSTICS

The following are available in various finishes.

Stealth 4-Way Speaker System

4-piece bass-reflex design with two 18-in woofers, four 12-in woofers, four 7-in cone midranges, four 1-in dome tweeters, and one ½-in horn tweeter. Features separate crossover. Crossover points 50, 150, 3,000 and 10,000 Hz; FR 18-39,000 Hz ±2 dB; sens 96 dB SPL/W/m; imp 4 ohms \$40,000

Studio 3-Way Speaker System

Bass-reflex design with two 12-in woofers, two 7-in cone midranges, and two 1-in dome tweeters. Features separate crossover. Crossover points 200 and 3,000 Hz; FR 27-32,000 ±3 dB; sens 91 dB SPL/W/m; imp 6 ohms. 14 x 46 x 21 in \$10,000

Black Hole Subwoofer

Bass-reflex design with 18-in driver. Features separate crossover. Crossover point variable from 50-150 Hz; FR 18-200,000 Hz ±1 dB; sens 98 dB SPL/W/m; imp 8 ohms. 28 x 32 x 21 in; 400 lb \$7,000

RADIO SHACK

AMX-16 Powered Mini Speaker System

2 speakers, each with 4-in driver; amp rated at 5 W x 2. Headphone jack. Magnetic shielding; balance control. Includes AC adaptor. FR 120-20,000 Hz. Gray. Each speaker 5 x 9½ x 5½ in \$120
AMX-15. Above in black \$120

AMX-11 Powered Mini Speaker System

2 tuned-port speakers, each with 3-in driver; amp rated at 5 W x 2. Mini plug input. FR 100-10,000 Hz. Each speaker 4¾ x 9¾ x 4¾ in \$70

AMX-12 Powered 2-Way Mini Speaker System

2 speakers, each with 4-in woofer and 2-in tweeter; amp rated at 3.5 W x 2. Magnetic shielding; bass-boost and surround-effect controls. Operates on 8 c batteries or AC adaptor. FR 150-20,000 Hz. Each speaker 4¾ x 7¾ x 4¾ in \$60

AMX-8 Powered Mini Speaker System

2 speakers, each with 2 x 4-in driver; amp rated at 2 W x 2. Bass boost; auto turn-off; amplifier bypass. Operates on 8 c batteries. Each speaker 2 1/4 x 6 3/4 x 5 1/2 in\$50

AMX-9 Powered Mini Speaker System

2 speakers, each with 2 1/2-in driver; amp rated at 2 W x 2. Auto turn-off. Includes carrying case with shoulder strap. Operates on 8 c batteries. Each speaker 3 1/4 x 5 1/2 x 3 1/4 in\$40

AMX-2 Powered Mini Speaker System

Amplifier rated at 2 W x 2. Magnetic shielding. Includes mounting brackets. Operates on 4 AA batteries or AC adaptor. Each speaker 3 3/4 x 5 1/2 x 3 3/4 in\$30

AMX-4 Powered Mini Speaker System

2 speakers, each with 4-in driver. Design to lock together for carrying; bass and treble controls. Operates on 4 c batteries or AC adaptor. Each speaker 4 3/4 x 5 x 2 1/2 in\$30

RBH SOUND

Model 8000 3-Way Speaker

Two 8-in woofers, two 6 1/2-in mdranges, and one 1-in titanium-dome tweeter. Features phased vertical alignment. FR 25-23,000 Hz\$1,300

Model 816 3-Way Speaker

Vented design with 8-in woofer, 6-in mdrange, and 1-in dome tweeter. Power handling 200 W; FR 35-22,000 Hz\$700/pr

Model 800-MX 3-Way Speaker

8-in woofer, 6-in mdrange, 1-in dome tweeter. Power handling 200 W; FR 40-22,000 Hz\$400

Model 960-DX 2-Way Surround Speaker

Dipole design with two 6-in woofers and two 1-in dome tweeters. Phase switch. Power handling 200 W; FR 50-22,000 Hz\$390

Model 700-CX 2-Way Center-Channel Speaker

Two 6-in woofers and one 1-in dome tweeter. Magnetic shielding. Power handling 200 W; FR 50-22,000 Hz\$349

Model 63 2-Way Satellite Speaker

6-in woofer, 1-in dome tweeter. Magnetic shielding. Power handling 100 W; FR 55-22,000 Hz\$300/pr

Model 500 3-Way Center-Channel Speaker

Two 5 1/2-in woofers, one 1-in dome tweeter. Magnetic shielding. FR 70-20,000 Hz\$185

In-Wall Speakers

C-860 3-Way In-Wall Speaker

8-in woofer, 6-in mdrange, 1-in dome tweeter. Power handling 200 W; FR 35-22,000 Hz\$500

TK-8 2-Way In-Wall Speaker

8-in Kevlar fiberglass woofer, 1-in titanium-dome tweeter. Features 18-dB/oct crossover. Power handling 120 W; FR 50-20,000 Hz\$495/pr

A-810 2-Way In-Wall Speaker

8-in graphite woofer, acoustic lens tweeter. Features 12-dB/oct crossover. Power handling 100 W; FR 45-20,000 Hz\$459/pr

A-610 2-Way In-Wall Speaker

6-in graphite woofer, acoustic lens tweeter. Features 12-dB/oct crossover. Power handling 80 W; FR 50-20,000 Hz\$359/pr

C-820 2-Way In-Wall Speaker

8-in woofer, 1-in dome tweeter. Power handling 175 W; FR 45-22,000 Hz\$350

A-609 2-Way In-Wall Speaker

6-in graphite woofer, acoustic lens tweeter. Features 6-dB/oct crossover. Power handling 80 W; FR 50-20,000 Hz\$279/pr

A-509 2-Way In-Wall Speaker

5 1/4-in graphite woofer, acoustic lens tweeter. Features 6-dB/oct crossover. Power handling 60 W; FR 60-20,000 Hz\$199/pr

A-506 2-Way In-Wall Speaker

5 1/4-in graphite woofer, 3/4-in coaxial tweeter with acoustic lens. Features 6-dB/oct crossover. Recessed light appearance. Power handling 70 W; FR 60-22,000 Hz\$179/pr

A-505 2-Way In-Wall Speaker

5 1/4-in graphite woofer, 3/4-in coaxial tweeter with acoustic lens. Features 6-dB/oct crossover. Power handling 70 W; FR 60-22,000 Hz\$129/pr

Subwoofers

TS-12 Powered Subwoofer

12-in driver; 220-W internal amp. Features discrete transistors. Line- and speaker-level inputs; adjustable low-pass filter. Auto turn-on. FR 28-200 Hz. Oak cabinet\$699

TS-10. As above, 10-in driver, 180-W amp. FR 31-200 Hz\$549

TS-8. As above, 8-in driver, 150-W amp. FR 33-200 Hz\$479

FS-12 In-Floor Subwoofer

12-in driver. Separate power module optional. Power handling 200 W; FR 30-100 Hz\$400

SAM-1 Subwoofer Amplifier Module

Amp rated at 150 W. Designed to power AS-10 or FS-12 subwoofer\$299

AS-10 In-Wall Subwoofer

10-in driver. Separate power module optional. Power handling 100 W; FR 35-80 Hz\$249

RCA

Video Acoustics Series

VA-2200 3-Way In-Wall Speaker

Bass-reflex design with 5 1/2-in woofer, 3 1/2-in mdrange, and 1-in dome tweeter. Mounts directly to two 16-inch-spaced studs. Features high-frequency defuser array; angled deflector to direct mdrange output towards side walls using controlled-phase interference effects with the woofer output. Power handling 12 W max; crossover points 600 and 4,500 Hz; FR 90-15,000 Hz ± 6.5 dB; sens 90 dB SPL/W/m; imp 8 ohms. Paintable neutral finish. 15 1/4 x 14 3/4 x 4 in; 10.5 lb\$549

VA-2400 2-Way In-Wall Speaker

Capacitive-coupled acoustic-suspension design with 6 1/2-in woofer and 3/4-in ferrofluid-cooled soft-dome tweeter. Can be mounted to left or right stud. Features woofer shielding; capacitive coupling to extend bass response; 9-element crossover; sealed enclosure. Power handling 200 W max; crossover point 2,200 Hz; FR 50-20,000 Hz ± 4 dB; sens 86 dB SPL/W/m; imp 8 ohms. Paintable neutral finish. 10 1/2 x 20 3/4 x 4 in; 10.1 lb\$329

Home Theater Audio Series

SP3350SW Powered Subwoofer

Tuned-port design with 8-in long-throw driver; integral amp rated at 50 W with 3% THD. Switchable filter. Includes 10-ft cable. Power handling 50 W max; FR 30-200 Hz; imp 8 ohms. Black. 12 x 17 1/2 x 14 in\$449

SP3300BS2 2-Way Bookshelf Speaker

Tuned-port design. Magnetic shielding. Power handling 100 W max; FR 70-20,000 Hz. Black. 8 x 14 x 12 1/2 in\$399

SP1420T 3-Way Speaker

Tuned-port design. Magnetic shielding. Power handling 160 W max; FR 50-20,000 Hz. Black. 8 x 45 x 13 1/4 in\$299

SP2900T 3-Way Speaker

8-in woofer, 5-in mdrange, 1-in tweeter. Magnetic shielding; rotating base. Power handling 120 W; FR 55-20,000 Hz. 13 x 45 1/4 x 11 in\$299

SP1320C 2-Way Center-Channel Speaker

Two 3 1/2-in mdranges, one 1-in tweeter. Magnetic shielding. Power handling 100 W max; FR 100-20,000 Hz. Black. 17 x 5 1/2 x 8 in\$199

SP3700S3 Center/Surround System

One center-channel and two surround speakers, each with 3 1/2-in driver. Plastic cabinets; bass-reflex speaker designs. Magnetic shielding; integrated wall-mount bracket. Power handling 70 W max; FR 100-10,000 Hz. Each speaker 6 x 7 1/2 x 4 in\$149

RDL ACOUSTICS

The following are available factory-direct with a 30-day money-back guarantee. Call the manufacturer for information.

RDL Home Theater System

Five AV-1 bookshelf speakers, one SW-1 subwoofer. Crossover points 150 and 2,000 Hz; FR 50-20,000 Hz; sens 87 dB; imp 8 ohms\$695

FS-1 2-Way Speaker

8-in woofer, 1-in pulsating-dome tweeter. Designed specifically for placement on floor away from walls. Power handling 100 W; crossover point 2,000 Hz; sens 87 dB SPL; imp 8 ohms. Cherry lacquered finish. 11 x 25 1/4 x 11 1/4 in; 32 lb\$580/pr

F-1. As above, design specifically for placement on floor near wall. 30 lb\$580/pr

B-1. As F-1, designed specifically for placement on shelf or on stand away from walls. 11 x 20 1/4 x 11 1/4 in; 27 lb\$480/pr

S-1. As F-1, designed specifically for placement on stand, shelf, or table close to wall with 12-in clearance above. 11 1/2 x 11 1/2 x 12 in; 19 lb\$480/pr

RDL Subwoofer/Satellite System

Two AV-1 bookshelf speakers, one SW-1 subwoofer. Crossover points 150 and 2,000 Hz; FR 50-20,000 Hz; sens 87 dB; imp 8 ohms\$390

SW-1 Subwoofer

8-in driver. Power handling 100 W; crossover point 150 Hz; sens 87 dB SPL; imp 8 ohms. Satin-black lacquer finish. 11 1/4 x 11 1/2 x 11 1/4 in; 16.5 lb\$199

AV-1 2-Way Bookshelf Speaker

4-in woofer, 1-in pulsating-dome tweeter. Designed for on-wall or shelf placement. Magnetic shielding. Crossover point 2,000 Hz; Sens 87 dB SPL; imp 8 ohms. Satin-black lacquer finish. 7 1/4 x 11 1/2 x 4 1/4 in; 8 lb\$115

RA Labs Series

The following feature a black vinyl finish.

Reference 2a 3-Way Speaker

10-in woofer, 5 1/2-in mdrange, 1-in dome tweeter. Power handling 200 W; crossover points 600 and 3,000 Hz; FR 35-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 4 ohms. 13 x 32 x 14 3/4 in; 46 lb\$552/pr

Reference 3a. As above, 12-in woofer. FR 33-20,000 Hz ± 3 dB. 14 x 38 x 15 1/2 in; 58 lb\$712/pr

Reference Subwoofer

Two 8-in drivers. Designed for use with Micro-Monitor or Mini-Reference. Crossover point variable from 80-100 Hz; sens 90 dB/driver; imp 6 ohms. 16 x 11 x 26 in; 38 lb\$301

Reference 4a 2-Way Bookshelf Speaker

8-in woofer, 1-in dome tweeter. Power handling 150 W; crossover point 3,000 Hz; FR 46-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 6 ohms. 10 x 19 x 10 in; 15 lb\$286/pr

Mini-Reference 2-Way Bookshelf Speaker

6 1/2-in woofer, 1-in copolymer-cone tweeter. Power handling 100 W; crossover point 3,000 Hz; FR 55-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 6 ohms. 14 x 8 1/2 x 8 1/4 in; 9 lb\$208/pr

Model 2-Way Center-Channel Speaker

Two 5 1/4-in woofers, one 1-in copolymer tweeter.

SPEAKERS

Power handling 100 W; crossover point 3,000 Hz; FR 55-20,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 6 ohms. 20 $\frac{1}{2}$ x 7 $\frac{1}{4}$ x 6 $\frac{1}{2}$ in; 10 lb\$149

Micro-Monitor 2-Way Bookshelf Speaker

5 $\frac{1}{4}$ -in woofer, 1-in copolymer tweeter. Wall mountable. Power handling 75 W; crossover point 3,000 Hz; FR 70-20,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 6 ohms. 10 $\frac{1}{2}$ x 7 x 7 $\frac{1}{4}$ in; 6 lb\$136/pr

RECOTON

WHT-461 Home Theater System

Rear-firing subwoofer, center-channel speaker, two wireless surround speakers. Power handling 50 W subwoofer, 100 W center, 25 W surround\$800
WHT-460. Above without center channel\$700

W-450 2-Way Wireless Powered Speaker System

Two bass-reflex speakers, each with 5-in woofer and 2 $\frac{1}{2}$ -in tweeter; amp rated at 25 W x 2 rms. Features 150-ft range\$450

WHT-462 Surround Speaker

5-in speaker driver. Power handling 25 W; FR 200-8,000 Hz\$420/pr

W-440 2-Way Wireless Powered Speaker System

Two bass-reflex speakers, each with 4-in woofer, 2-in tweeter, and amp rated at 20-W rms. Features 150-ft range; ABS enclosure. Bass boost; L/R mono/stereo switches; volume and power switches for each speaker. Includes transmitter, 3 AC adaptors, and phone-plug to mini-plug adaptor. FR 50-15,000 Hz\$300
W-441. Add-on speaker for the above. Includes AC adaptor\$240/pr

WHT-421 Powered Subwoofer

10-in driver; 50-W amp. FR 20-125 Hz\$300

W-410 Wireless Powered Outdoor Speaker

10-W amp. Dome-shaped weatherproof cabinet. Power, volume, and tuning controls. Operates on 12-V rechargeable battery\$280

WC-430 Wireless Computer Speaker System

2 speakers. Power handling 5 W rms. Operates on 6 C batteries or with AC adaptor. FR 50-15,000 Hz\$250

W-400 2-Way Wireless Powered Speaker System

Two bass-reflex speakers, each with 4-in woofer and 2-in tweeter; amp rated at 10 W rms in one speaker. Features 150-ft range; ABS enclosures. Bass boost; L/R mono/stereo switches. Includes transmitter, 2 AC adaptors, and phone-plug to mini-plug adaptor. FR 50-15,000 Hz\$250
W-401. Add-on speaker for the above. Includes AC adaptor\$190/pr

HT-422 2-Way Bookshelf Speaker

6 $\frac{1}{2}$ -in woofer, $\frac{3}{4}$ -in tweeter. Magnetic shielding. Power handling 150 W; FR 47-20,000 Hz\$219/pr

HT-423 2-Way Center-Channel Speaker

Two 5-in woofers, one $\frac{1}{2}$ -in tweeter. Magnetic shielding. Power handling 100 W; FR 90-22,000 Hz\$110

Model 64559 2-Way Powered Computer Speaker System

2 speakers, each with 4-in woofer and 1 $\frac{1}{2}$ -in tweeter; amp rated at 7 W x 2 rms. Features 8-ft speaker cable. Mic and headphones jacks. Bass, treble, and volume controls. Includes AC adaptor. FR 20-20,000 Hz\$90

Model 64558 2-Way Powered Computer Speaker System

Two speakers, each with 3-in woofer and 1 $\frac{1}{2}$ -in tweeter; amp rated at 5 W x 2 rms. Features 6-ft speaker cable. Mic and headphones jacks. Bass, treble, and volume controls. Includes AC adaptor. FR 20-20,000 Hz\$60

Model 64556 Powered Computer Speaker System

2 speakers, each with 3-in cone driver; amp rated at

2 W x 2. Features 4-ft speaker cable. Bass, treble, and volume controls. Operates on 4 C batteries. AC adaptor optional. FR 50-20,000 Hz\$30

HG-545 Powered Mini Speaker

Two 2-in drivers; 3-W amp. Operates on 4 AA batteries. FR 100-12,000 Hz; imp 8 ohms\$30

HG-535 Powered Mini Speaker

Two 2 $\frac{1}{2}$ -in drivers; 4-W amp. Mini-plug input. Operates on 4 AA batteries. FR 50-15,000 Hz; imp 4-8 ohms\$20

HG-525 Mini Speaker

Two 3-in drivers. Mini-plug input. FR 100-12,000 Hz; imp 4-8 ohms\$14

REL

ABC is REL's proprietary Active Bass Controller, designed to tune the speaker's output to match the characteristics of any audio system in any room.

Studio Powered Subwoofer

Linkwitz-Riley extended-response design with two 10 $\frac{1}{2}$ -in drivers; amp rated at 300 W x 1. Features ABC. Gain control. Power handling 300 W rms; FR 12-100 Hz. Black oak, rose-nut, walnut, or light-oak finish. 27 $\frac{1}{2}$ x 24 $\frac{1}{4}$ x 20 $\frac{1}{2}$ in; 179.3 lb\$7,500

Stentor Powered Subwoofer

Linkwitz-Riley extended-response design with 10 $\frac{1}{2}$ -in driver; amp rated at 200 W x 1. Features ABC. Gain control. Power handling 200 W rms; FR 15-120 Hz. Black oak, rose-nut, walnut, or light-oak finish. 23 $\frac{3}{4}$ x 22 $\frac{3}{4}$ x 14 $\frac{1}{2}$ in; 101.3 lb\$4,000

Stadium Powered Subwoofer

Linkwitz-Riley extended-response system with 10 $\frac{1}{2}$ -in driver; amp rated at 100 W x 1. Gain control. Power handling 100 W rms; FR 18-120 Hz. Black-ash or rose-nut finish. 23 x 20 $\frac{1}{2}$ x 14 in; 63.8 lb\$2,500

Storm Powered Subwoofer

Linkwitz-Riley loaded design with 10-in polypropylene driver; amp rated at 100 W x 1. Features DC-coupled complementary MOSFET amp; electronic self-resetting. Three 3-pin XLR connectors. Phase switch; spare-fuse drawer. Includes mains lead, 10-m XLR interconnect, and 8 spikes. Power handling 200 W max; FR 18-100 Hz. 22 $\frac{1}{2}$ x 20 $\frac{1}{2}$ x 14 in; 66 lb\$1,800

Strata Powered Subwoofer

Linkwitz-Riley extended design with 9 $\frac{1}{4}$ -in driver; amp rated at 60 W x 1. Features MOSFET; ABC. Line- and speaker-level inputs. Gain control. Power handling 100 W rms; FR 18-120 Hz. Grittex black finish\$1,200

RENAISSANCE

Enigma 3-Way Speaker

10-in woofer, 3-in dome midrange, soft-dome tweeter. Includes spikes. Power handling 200 W rms; FR 33-25,000 Hz ± 3 dB; sens 91.5 dB SPL/W/m; imp 8 ohms. Black and red wood cabinet. 12 x 12 x 40 in\$1,800/pr

Prelude 2-Way Speaker

6 $\frac{1}{2}$ -in woofer and 1 $\frac{1}{2}$ -in dome tweeter in transmission-line enclosure. Power handling 180 W rms; crossover point 3,800 Hz; FR 34-25,000 Hz ± 2 dB; sens 89 SPL/W/m; imp 8 ohms\$1,495

Piccolo 2-Way Bookshelf Speaker

5-in neodymium woofer, 1 $\frac{1}{2}$ -in neodymium tweeter. 6 $\frac{3}{4}$ x 10 x 8 in\$695/pr

REUBEN GUSS ENTERPRISES

The following feature main speaker controls for front/rear balance.

Custom Monitor 4-Way Speaker System

Twenty-four 15-in woofers, forty-eight 6-in mid-

ranges, thirty-two 1-in dome tweeters, and 100 custom piezo supertweeters among 4 front enclosures; 4 rear satellites. Power handling 900 W max; FR 18-35,000 Hz ± 3 dB. Each front speaker 30 x 72 x 20 in. Each rear speaker 22 x 72 x 16 in\$100,000

System I - Monitor 4-Way Speaker System

Twelve 15-in woofers, twenty-four 5-in midranges, sixteen 1-in dome tweeters, and fifty custom piezo supertweeters among 2 front enclosures; 2 rear satellites. Power handling 450 W max; FR 18-45,000 Hz ± 3 dB. Each front speaker 36 x 72 x 22 in. Each rear speaker 24 x 24 x 14 in\$50,000

System IIC - Symphony 4-Way Speaker System

Four 15-in woofers, six 5-in midranges, four 1-in dome tweeters, and twelve custom piezo supertweeters among 2 front enclosures; 2 rear satellites. Power handling 450 W max; FR 18-35,000 Hz ± 3 dB. Each front speaker 22 x 54 x 20 in. Each rear speaker 24 x 24 x 14 in\$16,000

System III - Concerto 4-Way Speaker System

Four 12-in woofers, six 5-in midranges, four 1-in dome tweeters, and eight custom piezo supertweeters among 2 front enclosures; 2 rear satellites. Power handling 150 W max; FR 30-30,000 Hz ± 3 dB. Each front speaker 22 x 54 x 20 in. Each rear speaker 8 x 25 x 8 in\$10,000

System V - Sonata 4-Way Speaker System

Two 15-in woofers, two 5-in midranges, two 1-in dome tweeters, and eight custom piezo supertweeters among 2 front enclosures; two rear satellites. Power handling 150 W max; FR 22-30,000 Hz ± 3 dB. Each front speaker 19 x 32 x 15 in. Each rear speaker 8 x 14 x 8 in\$6,000

System IV - Concerto 4-Way Speaker System

Two 12-in woofers, two 5-in midranges, two 1-in dome tweeters, and six custom piezo supertweeters among 2 front enclosures; 2 rear satellites. FR 30-30,000 Hz ± 3 dB. Each front speaker 16 $\frac{1}{2}$ x 27 x 15 in. Each rear speaker 6 x 12 x 6 in\$5,000

ROBERTS ARCHITECTURAL

RA85G 2-Way In-Wall Speaker

8-in poly woofer, $\frac{3}{4}$ -in ferrofluid-cooled dome tweeter. FR 28-30,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms\$675/pr

RA820 2-Way In-Wall Speaker

8-in poly-coated woofer, $\frac{3}{4}$ -in ferrofluid-cooled soft-dome tweeter. FR 35-30,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms\$495/pr

RA8SW In-Wall Subwoofer

8-in dual-voice-coil driver. Features 6-dB/oct high-pass and 12-dB/oct low-pass filters. Crossover point 150 Hz; FR 30-150 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms/coil\$425

RA800 2-Way In-Wall Speaker

8-in poly-coated woofer, $\frac{3}{4}$ -in soft-dome tweeter. FR 35-22,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms\$399/pr

RA620 2-Way In-Wall Speaker

6 $\frac{1}{2}$ -in poly-coated woofer, $\frac{3}{4}$ -in soft-dome tweeter. FR 50-30,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms\$325/pr

RA600 2-Way In-Wall Speaker

6 $\frac{1}{2}$ -in woofer, $\frac{3}{4}$ -in dome tweeter. FR 50-22,000 Hz ± 3 dB; sens 89 dB SPL/W/m; imp 8 ohms\$275/pr

MP260 2-Way In-Wall Speaker

6 $\frac{1}{2}$ -in poly-cone woofer, $\frac{3}{4}$ -in dome tweeter. FR 55-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms\$220/pr

MP160 2-Way In-Wall Speaker

6-in paper woofer and $\frac{3}{4}$ -in dome tweeter. FR 75-20,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 8 ohms\$150/pr

ROCK SOLID SOUNDS

Power Bass Powered Subwoofer

Vented design with 8-in forward-firing driver; amp rated at 70 W x 1. Features internal MOSFET design. Line-level outputs; link output for another subwoofer. Magnetic shielding. FR 38-95 Hz ±3 dB. Black. 13 x 15½ x 13½ in; 22 lb\$400

HCM-1 2-Way Bookshelf Speaker

Vented design with 5-in copolymer woofer and 1-in fluid-cooled tweeter. Features overload protection. Magnetic shielding. Power handling 150 W max; FR 70-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Black or white. 6½ x 9½ x 6 in; 5 lb\$400/pr

Solid Monitor 2-Way Bookshelf Speaker

Vented design with 5-in fiber-cone woofer and 1-in polycarbonate tweeter. Features overload protection. Magnetic shielding. Includes integral stand. Power handling 150 W max; FR 75-20,000 Hz ±3 dB; sens 91 dB SPL/W/m; imp 8 ohms. Black or white. 6½ x 9½ x 6 in; 5 lb\$300/pr
Solid Pro. As above, with 70-V line transformer. 0.5-, 1-, 1.9-, 3.8-, 7.5-, and 15-W outputs\$375/pr

HCM-2 2-Way Bookshelf Speaker

Vented design with 4-in woofer and 1-in fluid-cooled tweeter. Features overload protection. Magnetic shielding. Includes wall bracket. Power handling 75 W max; FR 80-20,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Black or white. 8 x 5½ x 5½ in; 3.5 lb\$200/pr

ROCKUSTICS

The following, except Shintone and COM-360A, are camouflaged as rocks. All models are weatherproof and feature field-serviceable drivers, military-spec metal-cadmium plating, and stainless-steel mounting hardware. Custom colors are available.

Hillside 2-Way Outdoor Speaker

Two 8-in long-throw polypropylene woofers, one 1-in ferrofluid-cooled soft-dome tweeter. Power handling 200 W cont; crossover point 3,500 Hz; FR 41-19,000 Hz ±2 dB; sens 92 dB SPL/W/m; imp 8 ohms. 26 x 18 x 26 in; 85 lb\$1,800/pr

COM-360A 2-Way Outdoor Speaker

Omnidirectional design with 8-in long-throw polypropylene woofer and 1-in ferrofluid-cooled tweeter. Features cylindrical enclosure with base that rests on ground; 24-dB/oct crossover. Power handling 100 W cont; crossover point 2,800 Hz; FR 47-16,000 Hz ±3 dB; sens 92 dB SPL/W/m; imp 5 ohms. 20 x 17 x 20 in; 40 lb\$1,300/pr

Sub Rock Outdoor Subwoofer

15-in long-throw dual-voice-coil polypropylene driver. Power handling 150 W/coil; FR 37-125 Hz ±3 dB; imp 8 ohms/coil. 33 x 12 x 37 in; 250 lb\$1,200

Stonewall 2-Way Outdoor Speaker

6½-in long-throw polypropylene woofer and 1-in ferrofluid-cooled soft-dome tweeter. Designed for use in stone wall such as fireplace or rock-retaining wall. Power handling 100 W cont; crossover point 4,500 Hz; FR 69-19,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 8 ohms. 26 x 10½ x 6¼ in; 25 lb\$940/pr

Rocky Jr. 2-Way Outdoor Speaker

6½-in long-throw polypropylene woofer, 1-in ferrofluid-cooled soft-dome tweeter. Power handling 100 W cont; crossover point 4,500 Hz; FR 69-19,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 8 ohms. 20 x 16 x 10½ in; 39 lb\$940/pr

Punk Sub Outdoor Subwoofer

Two 8-in long-throw polypropylene woofers. Can be ordered with 2-way passive crossover at either 100 or 115 Hz. Features ability to operate one or both drivers. Power handling 100 W/driver; FR 39-115 Hz; imp 4 ohms/driver. 21 x 29 x 18 in; 80 lb\$930

Shintone Outdoor Speaker

Pagoda-styled enclosure designed for 360° horizontal and 0° to 45° vertical dispersion. Power handling 75 W; FR 53-20,000 Hz ±5 dB; sens 90 dB SPL/W/m; imp 4 ohms. 15 x 16½ x 15 in; 39 lb\$800/pr

Octorock 2-Way Outdoor Speaker

8-in long-throw polypropylene woofer coaxially mounted with 1-in ferrofluid-cooled tweeter. Power handling 100 W cont; crossover point 4,000 Hz; FR 55-20,000 Hz ±4 dB; sens 92 dB SPL/W/m; imp 8 ohms. 16 x 12½ x 12¼ in; 36 lb\$800/pr

Soundstone 2-Way Outdoor Speaker

6½-in long-throw polypropylene woofer coaxially mounted with 1-in ferrofluid-cooled tweeter. Power handling 100 W cont; crossover point 4,500 Hz; FR 69-19,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 14½ x 11½ x 11½ in\$740/pr

Rocky Too 2-Way Outdoor Speaker

6½-in long-throw polypropylene woofer coaxially mounted with 1-in ferrofluid-cooled tweeter. Power handling 100 W cont; crossover point 4,500 Hz; FR 69-19,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 8 ohms. 21¼ x 11½ x 12 in; 38 lb\$740/pr

Surround Stone Outdoor Speaker

Features design for 360° horizontal and 0°-45° vertical dispersion. Power handling 75 W; FR 53-20,000 Hz ±5 dB; sens 90 dB SPL/W/m; imp 4 ohms. 15 x 12½ x 13 in; 39 lb\$700/pr

EconoRock 2-Way Outdoor Speaker

8-in long-throw polypropylene woofer coaxially mounted with 1-in liquid-cooled tweeter. Power handling 100 W; FR 65-20,000 Hz ±8 dB; sens 92 dB SPL/W/m. 14½ x 16 x 9 in; 9.5 lb\$540/pr
As EconoRock above, except with power handling of 75 W. FR 60-20,000 Hz ±8 dB; imp 4 ohms\$400/pr

PunkRock Outdoor Speaker

5½-in dual-cone. Power handling 50 W; FR 76-18,000 Hz ±7 dB; sens 91 dB SPL/W/m; imp 4 ohms. 10½ x 8¼ x 9½ in; 15 lb\$300/pr
2-way version of above with 1-in liquid-cooled tweeter coaxially mounted over 5¼-in long-throw polypropylene woofer. Power handling 75 W; FR 76-19,500 Hz ±5 dB\$340/pr

ROHRER ACOUSTIC DESIGN

Reference Line Source 3-Way Speaker

Twelve 6-in woofers, sixteen 3-in ribbon tweeters. FR 40-40,000 Hz. 14 x 80 x 12 in\$24,000/pr

Model 21203 3-Way Speaker

Two 12-in woofers, two 5-in midranges, and one ½-in dome tweeter. FR 20-30,000 Hz. 19 x 68 x 19 in\$8,300/pr

Model 2702D 2-Way Speaker

Two 7-in woofers, one 1¼-in dome tweeter. FR 40-35,000 Hz. 10 x 16 x 24 in\$6,800/pr

Model 2602D 2-Way Speaker

Two 6-in woofers, one 1¼-in dome tweeter. FR 40-30,000 Hz. 9 x 24 x 24 in\$2,700/pr

Model 702R 2-Way Speaker

One 7-in woofer, one 3-in ribbon tweeter. FR 40-40,000 Hz. 15 x 40 x 12 in\$2,400/pr

Model 702D 2-Way Speaker

One 7-in woofer, one ½-in dome tweeter. FR 40-30,000 Hz. 15 x 40 x 12 in\$1,800/pr

Model 702CT 2-Way Speaker

One 7-in woofer, one 1½-in tweeter. FR 32-18,000 Hz. 10 x 40 x 16 in\$1,295/pr

Model 702C 2-Way Bookshelf Speaker

One 7-in woofer, one 1½-in tweeter. FR 45-18,000 Hz. 10 x 16 x 16 in\$995/pr

Subwoofers

Model 21501 Subwoofer
 Two 15-in drivers. FR 14-100 Hz. Height 80 in. Diameter 25 in\$5,400

Model 1501 Subwoofer

One 15-in driver. FR 16-100 Hz. Height 80 in. Diameter 25 in\$3,600

Model 21201 Subwoofer

Two 12-in drivers. FR 16-100 Hz. Height 80 in. Diameter 19 in\$2,400

Model 212PR Subwoofer

Passive-radiator design with two 12-in drivers. FR 16-100 Hz. 24 x 24 x 24 in\$1,995

Model 1201 Subwoofer

One 12-in driver. FR 16-100 Hz. Height 80 in. Diameter 19 in\$1,600

Model 210PR Subwoofer

Passive-radiator design with two 10-in drivers. FR 20-100 Hz. 16 x 16 x 16 in\$1,295

ROSSMAN AUDIO

SA1.0 2-Way Powered Speaker

Bass-reflex design with 8-in poly-cone woofer and 1-in dome tweeter; woofer bi-amplification. Bass, treble, and volume controls; tone-defeat switch. Crossover point 2,300 Hz; FR 40-20,000 Hz ±3 dB\$650/pr
SA.5a. As above, 5-in woofer. FR 55-22,000 Hz ±3 dB\$550/pr

RUARK

Accolade 3-Way Speaker

Bass-reflex design with 11½-in magnesium-silicate polymer woofer, 3-in treated-fabric dome midrange, and 1½-in ferrofluid-cooled dual-chamber treated-fabric dome tweeter. Features critically damped particleboard and MDF double-layer construction; 13-element crossover. Power handling 200 W max; crossover points 500 and 3,500 Hz; FR 35-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Dark walnut or black-ash veneer finish. 11½ x 39 x 14½ in; 88 lb\$6,000/pr

Equinox 2-Way Speaker

Bass-reflex design with 6½-in air-dried treated-pulp paper woofer and 1-in ferrofluid-cooled hand-treated dual-chamber fabric/silk-dome tweeter. Features 1-in high-density fiberboard construction with multiple bracing; 7-element crossover. Integrated stand with floor spikes. Power handling 150 W max; crossover point 2,800 Hz; FR 45-20,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 6 ohms. Walnut, oak, or rosewood veneer finish. 9¼ x 34¼ x 13¼ in; 55 lb\$4,000/pr

Crusader II 3-Way Speaker

Bass-reflex design with 6½-in woofer, 3-in treated-fabric dome midrange, and 1-in treated dual-chamber silk-dome tweeter. Features 15-element crossover; critically damped MDF double-layer construction; floor spikes. Power handling 150 W max; crossover points 500 and 4,000 Hz; FR 45-20,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 6 ohms. Dark walnut, oak, or black-ash veneer finish. 9¼ x 35¼ x 12½ in; 66 lb\$3,300/pr

Paladin 2-Way Speaker

Bass-reflex design with 8¼-in treated felted fiber woofer and 1-in ferrofluid-cooled dual-chamber silk-dome tweeter. Features 11-element 12-dB/oct crossover; proprietary polypropylene capacitors; ceramic power resistors with air-cored inductors on low- and high-pass networks; multiple-point bracing including full front to back shelves, thickening panels, and plinth; mass-loadable cabinet base that can hold sand or lead shot. Gold-plated 4-way biwire/biamp terminals. Power handling 150 W cont; crossover point 2,800 Hz; FR 38-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Dark-walnut, natural-oak, or black-ash real-wood balanced veneer finish. 11½ x 35¼ x 15¼ in; 55 lb\$2,500

Broadsword 2-Way Bookshelf Speaker

Infinite-baffle design with 7/8-in silicate polymer woofer and 1-in ferrofluid-cooled treated-fabric dome tweeter. Features 4-element crossover; damped particleboard with MDF front and rear baffles. Power handling 120 W max; crossover point 3,000 Hz; FR 50-20,000 Hz ± 3 dB; sens 85 dB SPL/W/m; imp 8 ohms. Dark-walnut or black-ash veneer finish. 11 1/2 x 16 1/4 x 14 3/4 in; 24 lb\$1,950/pr

Talisman II 2-Way Speaker

Bass-reflex design with 6 1/2-in treated-paper woofer and 1-in ferrofluid-cooled coated dual-chamber textile dome tweeter. Designed as pillar with floor spikes. Features 6-element crossover; critically damped MDF construction. Power handling 100 W max; crossover point 2,800 Hz; FR 48-20,000 Hz ± 3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Dark-walnut, black-ash, oak, or rosewood-effect veneer finish. 9 1/4 x 32 3/4 x 12 1/2 in; 40 lb\$1,700/pr

Templar 2-Way Speaker

Infinite-baffle design with 6 1/2-in treated-paper woofer and 1-in ferrofluid-cooled fabric-dome tweeter. Designed as pillar with floor spikes. Features 8-element crossover; critically damped MDF construction. Power handling 100 W max; crossover point 2,600 Hz; FR 55-20,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Burl walnut-effect, rosewood-effect, or black-ash veneer finish. 7 1/2 x 27 3/4 x 10 1/2 in; 26 lb\$1,100/pr

Sabre 2-Way Bookshelf Speaker

Infinite-baffle design with 6 1/2-in treated paper woofer and 1-in ferrofluid-cooled dual-chamber polyimide-dome tweeter. Features 7-element crossover; damped particleboard with MDF front and rear baffles. Power handling 100 W max; crossover point 2,400 Hz; FR 60-20,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Dark-walnut or black-ash veneer finish. 9 x 14 1/2 x 10 1/2 in; 18 lb\$899/pr

Swordsman Plus II 2-Way Bookshelf Speaker

Infinite-baffle design with 6 1/2-in treated-paper woofer and 1-in ferrofluid-cooled polyimide-dome tweeter. Features 6-element crossover; critically damped MDF construction. Power handling 100 W max; crossover point 2,200 Hz; FR 60-20,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Natural walnut, mahogany, or black-ash veneer finish. 7 1/2 x 14 1/2 x 10 1/2 in; 16 lb\$699/pr

SASAKI

Accessories for wall/ceiling mounting or shelf placement are available. Contact the manufacturer for information.

CB500S 2-Way Spherical Speaker

10-in woofer, 3-in tweeter. Features hand-blown clear borosilicate 3/4-in-thick glass spherical enclosure. Power handling 10 W; FR 60-16,000 Hz; imp 15 ohms. 19 1/2-in diameter\$14,000/pr

CB500R Spherical Speaker

8-in dual-cone. Features hand-blown clear borosilicate 3/4-in-thick glass spherical enclosure. Power handling 30 W; FR 45-15,000 Hz; imp 8 ohms. 19 1/2-in diameter\$5,400/pr

CB300M 2-Way Spherical Speaker

Coaxial design with one 5 1/4-in polypropylene woofer and one 1/2-in polycarbonate-dome tweeter. Features hand-blown clear lead-crystal 1/2-in-thick glass spherical enclosure. Power handling 30 W rms; FR 75-20,000 Hz; imp 4 ohms. 11-in diameter\$1,780/pr
CB300MB. As above, except with stand featuring built-in 6-W black light providing blue speaker illumination\$2,600/pr
CB300MO. As CB300MB, except with orange illumination\$2,600/pr

CB250DX 2-Way Spherical Speaker

Coaxial design with 5 1/2-in woofer and 1-in soft-dome

tweeter. Features hand-blown clear lead-crystal glass spherical enclosure. Power handling 100 W max; crossover point 2,800 Hz; FR 80-20,000 Hz; imp 4 ohms. Available in smoked-glass, blue, or golden amber. 9 1/2-in diameter\$1,099/pr

CB160MX Spherical Speaker

3 1/2-in dual-cone. Features hand-blown clear lead-crystal 1/4-in-thick glass spherical enclosure. Power handling 30 W rms; FR 130-20,000 Hz; imp 4 ohms. Available in orange or blue or with a choice of 2 different engraved designs. 6 1/4-in diameter\$450/pr

CB160AVS. As above, smoked glass. Magnetically shielded\$480/pr

CW160AV. As CB160MX, except with wave or optic-twist sculpted glass design. Magnetically shielded\$480/pr

Bass 1 Subwoofer

Two 6 1/2-in drivers. Features vinyl-coated wood enclosure. Power handling 80 W rms; crossover point 200 Hz; FR 50-20,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms. 19 x 9 x 12 in\$250

SCAN AMERICAN

SD Series

The woofers used in the following have impregnated paper cones and employ a patented system that allows for equal movement and reaction time from both positive and negative impulses. Tweeters are made of impregnated cloth with a double chamber and series-coupled double acoustic damping on the dome back.

SD-Four 2-Way Speaker

Infinite-baffle design with 8-in woofer and 3/4-in soft-dome tweeter. FR 25-20,000 Hz; sens 89 dB SPL/W/m. Black-oak, oak, or walnut wood veneer finish. 12 x 19 x 10 1/2 in\$1,650/pr

SD-Three 2-Way Bookshelf Speaker

Infinite-baffle design with 6-in woofer and 3/4-in soft-dome tweeter. FR 40-20,000 Hz; sens 89 dB SPL/W/m. Black-oak, oak, or walnut wood veneer finish. 10 x 16 x 8 in\$1,250/pr

SD-Two 2-Way Bookshelf Speaker

Infinite-baffle design with 5-in woofer and 3/4-in soft-dome tweeter. FR 50-20,000 Hz; sens 88 dB SPL/W/m. Black-oak, oak, or walnut wood veneer finish. 8 x 12 x 7 in\$950/pr

SD-One 2-Way Bookshelf Speaker

Infinite-baffle design with 4-in woofer and 3/4-in soft-dome tweeter. FR 60-20,000 Hz; sens 90 dB SPL/W/m. Walnut wood veneer finish. 6 x 9 x 7 in\$650/pr

SA Series

The following feature a tuned enclosure, a polymer-treated paper woofer, a hand-assembled individually damped soft-dome tweeter, a custom hand-made crossover with phase correction, 5-way gold-plated binding posts, a hand-crafted wood cabinet with black-lacquer paint, and a 10-year parts warranty on the crossover and drivers.

SA-2.8 2-Way Speaker

Infinite-baffle design with 8-in woofer and soft-dome tweeter. Power handling 100 W max; crossover point 1,200 Hz; FR 30-22,000 Hz; sens 90 dB SPL/W/m. 11 x 19 x 7 1/4 in\$550/pr

SA-2.6 2-Way Bookshelf Speaker

Ported design with 6-in woofer and soft-dome tweeter. Power handling 75 W max; crossover point 2,000 Hz; FR 40-22,000 Hz; sens 87 dB SPL/W/m. 9 1/2 x 16 x 6 1/4 in\$450/pr

SA-2.5 2-Way Bookshelf Speaker

Ported design with 5 1/4-in woofer and soft-dome tweeter. Power handling 50 W max; crossover point 2,000 Hz; FR 55-20,000 Hz; sens 86 dB SPL/W/m. 8 x 13 1/2 x 6 1/4 in\$350/pr

SHAHINIAN

Rosewood, bird's-eye maple, mahogany, and other exotic wood finishes are available.

Diapason Module 4-Way Speaker

Hybrid transmission-line design with four 5/4-in poly cone woofers, two 1 1/2-in titanium-dome midranges, two 3/4-in kambric-dome tweeters with phase-correcting faceplate, and six 1/2-in W-shaped titanium-dome supertweeters. Designed to fit atop the Double Eagle subwoofer. Wall mountable. Features cabinet constructed of 13-ply Finland birch shaped as an asymmetric prism; bypassable 4-stage crossover network with 6- and 18-dB/oct filters; Kimber Kable 4tc internal wiring with low-flux pure solder. Biwire/biamp terminals. 2 optional input filter choices. Power handling 800 W max; FR 125-22,000 Hz +0, -3 dB. 22 x 7 x 15 1/4 in\$5,000/pr

Double Eagle Subwoofer

Twin back-to-back hybrid transmission-line/passive-radiator design with two 8-in polypropylene cone woofers. Features 3/4-in Finland birch cabinet construction; bypassable 18-dB/oct filters selectable at 140 or 280 Hz. 5-way binding posts. Mono/stereo operation. Includes 4 twin-wheel casters. 3-position passive-input filter module optional. FR 23-280 Hz +0, -3 dB; imp 6 ohms. Santos rosewood or bird's-eye maple finish. 23 x 32 x 15 in; 105 lb\$4,600/pr
 Mahogany finish\$3,200/pr
 Oak or walnut finish\$3,000/pr

Hawk Module 2-Way Speaker

Four 4 1/2-in poly cone woofers, four 1-in titanium tweeters. Designed to match Hawk subwoofer. Features asymmetric-prism cabinet shape; 6- and 18-dB/oct filters; bypassable input filter at 250 Hz; Kimber Kable 4tc internal wiring with low-flux pure solder. Power handling 600 W max; FR 250-22,000 Hz +0, -3 dB\$2,600/pr

Obelisk 3-Way Speaker

Rear-mounted passive-radiator design with 8-in polypropylene woofer, two 1 1/2-in titanium exposed-dome midranges, and four W-shaped titanium/polyimide-dome tweeters. Features omnidirectional design; 6-dB/oct woofer filter; 18-dB/oct midrange and tweeter filters; fuse protection. Dual binding posts. 4 twin-wheel casters. FR 28-22,000 Hz -3 dB; imp 6 ohms. Oak or walnut finish. 14 1/2 x 29 x 12 1/2 in; 56 lb\$2,350/pr

Hawk Subwoofer

Hybrid transmission-line/rear-mounted passive-radiator design with 8-in polypropylene driver. Designed for use with Hawk Module. Features 3/4-in Finland birch enclosure; 6-dB/oct filter at 250 or 500 Hz configurable for satellite output. 5-way solid-brass binding posts. Power handling 500 W max; FR 25-500 Hz +0, -3 dB; imp 6 ohms. 14 1/2 x 30 x 11 1/4 in; 60 lb\$1,900/pr

Arc 3-Way Speaker

Rear-mounted passive-radiator design with 8-in polypropylene woofer, 1 1/2-in titanium exposed-dome midrange, and 1-in titanium-deposit poly-dome tweeter. Features fuse protection; 6-dB woofer filter; 18-dB midrange and tweeter filters. Dual binding posts. FR 28-18,000 Hz +0, -3 dB; imp 6 ohms. Special-order black. 14 x 27 1/2 x 9 1/4 in; 43 lb\$1,700/pr
 Light-oak, medium-oak, light-walnut, or medium-walnut finish\$1,550/pr

Super Elf 2-Way Bookshelf Speaker

Damped friction-loaded vented design with 5 1/2-in poly woofer and 1-in ferrofluid-damped titanium-dome tweeter. Features 13-ply Finland-birch cross-braced enclosure; Polyfil and long-haired lamb's-wool damping; 6-dB woofer filter; 18-dB tweeter filter. Dual gold-plated solid-brass 8-way binding posts. Power handling 150 W max; FR 48-19,500 Hz; imp 6 ohms. Oak or walnut finish; Finland-birch or primed-for painting finish available. 8 1/4 x 14 x 9 1/2 in\$750/pr

SHERWOOD

All satellite speakers are magnetically shielded.

SP-950 Subwoofer/Satellite System

Subwoofer with 12-in dual-voice-coil poly laminate driver; two satellites, each with 3/2-in woofer and 3/4-in tweeter. Features overload protection. Power handling 250 W rms; sens 91 dB\$499

SP-750. Above, 10-in sub driver. Sens 90 dB\$399

SP-300B Center/Surround System

Center-channel speaker with two 4-in woofers and one 3/4-in tweeter; two surround speakers, each with 3/2-in woofer and 3/4-in tweeter. Magnetic center-channel shielding; adjustable center-channel base; adjustable surround speaker. Power handling 100 W rms; sens 91 dB\$299

SP-250A Subwoofer/Satellite System

Subwoofer with 8-in dual-voice-coil poly laminate driver; two satellites, each with 3/2-in woofer and 2 1/2-in tweeter. Features overload protection. Power handling 200 W rms; sens 89 dB\$299

SP-200 Center/Surround System

Center-channel speaker with two 4-in woofers and one 2-in tweeter; two surround speakers, each with 3/2-in woofer and 2 1/2-in tweeter. Adjustable center-channel base; magnetic center-channel shielding. Power handling 75 W rms; sens 91 dB\$249

SIGNATURE TECHNOLOGIES

The following feature gold binding posts, #12 OFC wiring, oak hardwood caps, and a 5-year limited warranty. Custom hardwood finishes are available. Magnetic shielding is optional at no extra cost.

SRM-.9 3-Way Speaker

3-subenclosure design with two 10-in long-throw mass-loaded polypropylene woofers in sealed subenclosure, 6 1/2-in mass-loaded woofer in isolated damped subenclosure, and 1-in acoustically treated textile soft-dome tweeter. 3rd-order high-pass Butterworth filter; specialized damping throughout cross-braced enclosures; hand-matched, hand-tuned components. Biwire/biamp terminals. FR 22-24,000 Hz \pm 3 dB. 13 1/2 x 65 x 18 1/4 in; 165 lb\$6,500/pr

SRM-2.1 2-Way Speaker

Dual-chamber ported design with two 6 1/2-in polypropylene woofers housed in separate subenclosures and one 1-in textile soft-dome tweeter. Features 18-dB/oct Butterworth filter with poly-type capacitors and air-core film inductors; bass enhancement. FR 33-25,000 Hz \pm 3 dB; sens 91 dB SPL/W/m. 8 1/2 x 40 x 13 in; 56 lb\$1,899/pr

SRM-3.1 2-Way Speaker

Ported design with two 6 1/2-in polypropylene woofers in separate subenclosures and one 1-in textile soft-dome tweeter. Features hand-matched components; 18-dB/oct Butterworth filter; bass enhancement. FR 33-20,000 Hz \pm 4 dB; sens 90 dB SPL/W/m. 8 1/2 x 46 3/4 x 11 1/4 in; 51 lb\$999/pr

SRM-1.1 Powered Subwoofer

Dual-chamber ported design with two 8-in polypropylene drivers. Passive crossover optional. FR 27-2,000 Hz; sens 91 dB SPL/W/m. 10 3/4 x 40 x 18 1/4 in; 87 lb\$799

Above with active crossover\$1,199

SRM-5.1 2-Way Bookshelf Speaker

Ported design with 6-in polypropylene woofer and 1-in textile-dome tweeter. Features hand-matched components; 18-dB/oct Butterworth filter. FR 33-25,000 Hz \pm 3 dB; sens 90 dB SPL/W/m. 8 1/2 x 21 1/2 x 13 in; 25 lb\$699/pr

SRM-7.1 2-Way Bookshelf Speaker

Air-suspension sealed design with one 6-in polypropylene woofer and one 3/4-in polycarbonate-dome tweeter. Features 6-dB/oct filter. FR 60-20,000 Hz \pm 3 dB; sens 89 dB SPL/W/m. 8 1/2 x 14 3/4 x 9 1/4 in; 18.5 lb\$499/pr

In-Wall Speakers

The following feature a cloth-wrapped soft-edged sculptural design and may be ordered with a custom fabric color. Each includes mounting hardware and templates and is covered by a 5-year limited warranty.

Profile 3 2-Way In-Wall Speaker

8-in polypropylene woofer, 3/4-in polycarbonate-dome tweeter. Features 6-dB/oct high-pass filter. Power handling 100 W max; FR 60-20,000 Hz \pm 3 dB; sens 89 dB SPL/W/m. Cutout 14 x 11 1/4 in. Mounting depth 1 1/2 in. 7 lb\$499/pr

Profile 1/Profile 2 2-Way In-Wall Speaker

6 1/2-in polypropylene woofer and 3/4-in polycarbonate-dome tweeter. Features hand-selected components; 6-dB/oct high-pass filter. Power handling 100 W max; FR 60-20,000 Hz \pm 3 dB; sens 89 dB SPL/W/m. Cutout 11 1/4 x 8 1/2 in. Mounting depth 1 1/2 in. 3.3 lb\$399/pr

Profile LF In-Wall Subwoofer

10-in dual-voice-coil driver. Multiple units may be bi-amplified with the LPF-2 active crossover. FR 32-2,000 Hz; sens 91 dB. 12 x 12 x 3 3/4 in\$299

SNELL

The following are available in a gloss-black veneer finish.

Type A Subwoofer/Satellite System

Two subwoofers, each with 18-in driver; two tower speakers, each with four 6 1/2-in woofers, two 5 1/4-in mineral-filled polypropylene-cone midranges, one 1 1/4-in front-firing textile-dome tweeter, and one 1-in rear-firing metal-dome tweeter. Crossover points 80, 350, and 2,800 Hz; FR 17-80 Hz \pm 2 dB subwoofer, 80-20,000 Hz \pm 1.5 dB tower; sens 88 dB SPL/W/m subwoofer, 87 dB SPL/W/m tower; imp 8 ohms\$18,999

Type B Minor 3-Way Speaker

One 12-in side-firing woofer, two 5 1/4-in mineral-filled polypropylene-cone midranges, one 1-in titanium-dome tweeter, one 3/4-in rear-firing metal-dome tweeter. Crossover points 275 and 2,700 Hz; FR 28-23,000 Hz \pm 3 dB; sens 90 dB SPL/W/m; imp 8 ohms\$3,699/pr

Type C/V 3-Way Speaker

Two 8-in injection-molded woofers, two 5-in injection-molded cone midranges, one 1-in titanium-dome tweeter, one 1-in rear-firing 5-layer laminated-dome tweeter. Crossover points 300 and 2,800 Hz; FR 30-22,000 Hz \pm 3 dB; sens 90 dB SPL/W/m; imp 8 ohms\$2,599/pr

Type SUB1800 Subwoofer

18-in driver. Power handling 600 W; FR 17-80 Hz \pm 3 dB; sens 88 dB SPL/W/m; imp 8 ohms\$2,499

Type D 3-Way Speaker

8-in injection-molded woofer, 5-in injection-molded cone midrange, 1-in titanium-dome tweeter, 1-in rear-firing fabric-dome tweeter. Crossover points 350 and 2,800 Hz; FR 36-20,000 Hz \pm 1.75 dB; sens 89 dB SPL/W/m; imp 8 ohms\$1,799/pr

Type E/IV 2-Way Speaker

Bass-reflex design with 8-in woofer, 1-in rear-firing

multiple-level metal-laminate dome tweeter, and 1-in ferrofluid-cooled textile-dome tweeter. Gold-plated biwire/biamp terminals. Power handling 150 W cont; crossover point 2,700 Hz; FR 36-20,000 Hz \pm 2 dB; sens 90 dB SPL/W/m; imp 8 ohms. 13 x 35 x 11 1/4 in; 50 lb\$1,099/pr

Type Q 2-Way Bookshelf Speaker

6 1/2-in polypropylene woofer, 1-in rear-firing textile-dome tweeter, 3/4-in rear-firing tweeter. Power handling 150 W cont; crossover point 2,700 Hz; FR 75-20,000 Hz \pm 3 dB; sens 86 dB SPL/W/m; imp 8 ohms\$999/pr

Type J/IV 2-Way Bookshelf Speaker

Bass-reflex design with 8-in woofer and 1-in rear-firing multiple-level metal-laminate dome tweeter. Includes gold-plated biwire/biamp terminals. Power handling 150 W cont; crossover point 2,700 Hz; FR 49-20,000 Hz \pm 2 dB; sens 90 dB SPL/W/m; imp 8 ohms\$799/pr

Type SUB-MC800 Subwoofer

12-in driver. Power handling 200 W; FR 20-80 Hz \pm 3 dB; sens 90 dB SPL/W/m; imp 8 ohms\$799

Type SUB-MC550 Subwoofer

12-in driver. Power handling 200 W; FR 20-80 Hz \pm 3 dB; sens 90 dB SPL/W/m; imp 8 ohms\$549

Type M 2-Way Speaker

5-in woofer, 1-in multiple-layer metal-laminate dome tweeter. Power handling 125 W; FR 80-20,000 Hz \pm 3 dB; sens 90 dB SPL/W/m; imp 8 ohms\$479

Type S 2-Way Bookshelf Speaker

4 1/2-in woofer, 1-in ferrofluid-cooled multiple-layer laminate dome tweeter. Power handling 125 W; FR 100-20,000 Hz \pm 3 dB; sens 90 dB SPL/W/m; imp 8 ohms\$429/pr

Type K/III 2-Way Bookshelf Speaker

Acoustic-suspension design with 8-in woofer and 1-in treated-textile dome tweeter. Biwire/biamp terminals. Power handling 150 W cont; crossover point 2,700 Hz; FR 70-20,000 Hz \pm 2 dB; sens 90 dB SPL/W/m; imp 8 ohms\$279

Type AMC450 2-Way In-Wall Speaker

6 1/2-in woofer, 1/2-in ferrofluid-cooled dome tweeter. Power handling 125 W; FR 60-20,000 Hz \pm 3 dB; sens 90 dB SPL/W/m; imp 8 ohms\$279

Home Theater Systems

Music and Cinema Reference THX System

Two MC towers, two passive filter networks, one LCR2800, two SUR2800's, and two SUB1800 subwoofers. THX certified\$29,993

Private Music and Cinema 1800 THX System

Three LCR1800 speakers, two SUR500 surround speakers, and two SUB1800 subwoofers. THX certified\$11,293

Architectural Music and Cinema In-Wall 800 THX System

Three LCR800 in-wall speakers, two SUR850 in-wall surround speakers, and two SUB800 in-wall subwoofers. THX certified\$8,093

Home Music and Cinema 500 THX System

Three LCR500's, two SUR850 in-wall surround speakers, and two SUB800 in-wall subwoofers. THX certified\$5,593

Tower Music and Cinema System

Two Type C/V speakers, one Type MC CC-1 center-channel speaker, and two Type M speakers\$3,577

Value Music and Cinema System

Five Type K/III bookshelf speakers, two SUB550 subwoofers, one EC300 active crossover\$2,792

Dragon Slayer Music and Cinema System

Two Type D speakers, one Type MC CC-1 center-channel speaker, and two Type M speakers\$2,777

**The Directory of
Manufacturers at the
back will tell you where
to write for literature.**

Mini Music and Cinema System

Five Type M speakers, two SUB550 subwoofers, and one EC300 active crossover\$2,595

Music and Cinema Series

Music and Cinema Reference 3-Way THX Speaker

Four 6½-in woofers, two 5¼-in mineral-filled polypropylene-cone midranges, three 1-in fluid-cooled textile-dome tweeters. Features THX certification. Crossover points 80, 350, 2,800, and 8,500 Hz; FR 80-20,000 Hz ±2 dB; sens 87 dB SPL/W/m; imp 8 ohms. 9 x 63 x 12 in; 145 lb\$6,999

LCR2800 3-Way THX Speaker

Two 8-in mineral-filled polypropylene woofers, two 4½-in mineral-filled polypropylene-cone midranges, three 1-in fluid-cooled textile-dome tweeters. Features THX certification. Crossover points 80, 350, 2,800, and 8,500 Hz; FR 80-20,000 Hz ±2 dB; sens 87 dB SPL/W/m; imp 8 ohms\$4,799

SUR2800 3-Way THX Speaker

One 8-in injection-molded woofer, two 6½-in mineral-filled polypropylene-cone midranges, two 1-in aluminum-dome tweeters. Features THX certification. Crossover points 120, 300, and 2,700 Hz; FR 36-20,000 Hz; sens 86 dB SPL/W/m; imp 8 ohms\$3,099

SUB1800 THX Subwoofer

4th-order vented design with 18-in driver. Features THX certification. FR 17-80 Hz; sens 90 dB SPL/W/m; imp 8 ohms. High-gloss black-veneer finish. 21½ x 45 x 17 in; 120 lb\$2,499

SUR850 In-Wall Surround THX Speaker

Dipole design with two 5¼-in woofers, two 4½-in cone midranges, and two 1-in aluminum-dome tweeters. Features THX certification. Crossover points 300 and 2,800 Hz; FR 120-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms\$1,599

LCR1800 2-Way THX Speaker

Two 8-in woofers, two 1-in tweeters. Designed for front channel in home theater system. Features THX certification. Magnetic shielding. Stand optional. Crossover point 2,750 Hz; FR 80-20,000 Hz; sens 93 dB SPL/W/m; imp 4 ohms. High-gloss black-veneer finish. 13 x 25 x 11½ in; 46 lb\$1,499

HCC1800. As above, not THX certified\$1,499

SUR800 3-Way In-Wall Surround Speaker

Dipole design with one 5¼-in woofer, two 4½-in cone midranges, and two 1-in aluminum-dome tweeters. FR 125-20,000 Hz; sens 85 dB SPL/W/m; imp 4 ohms. Black brushed aluminum finish. 22 lb\$1,399

LCR800 In-Wall THX Speaker

Two 6½-in polypropylene woofers, two ¾-in aluminum-dome tweeters. Features THX certification. Magnetic shielding. Crossover point 2,750 Hz; FR 80-20,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 8 ohms\$1,099

HCC800. As above, without THX certification\$1,099

LCR500 THX Bookshelf Speaker

Two 6½-in polypropylene woofers, two ¾-in aluminum-dome tweeters. Designed for front channel in home theater system. Features THX certification. Magnetic shielding. Stand optional. Crossover point 2,700 Hz; FR 80-20,000 Hz; sens 89 dB; imp 8 ohms. High-gloss black-veneer finish. 9½ x 22 x 7½ in; 35 lb\$899

HCC500. As above, without THX certification\$899

SUR500 Surround THX Speaker

Dipole design with two 6½-in polypropylene woofers and two 1-in aluminum-dome tweeters. Features THX certification. Power handling 150 W cont avg; crossover points 300 and 2,700 Hz; FR 125-20,000 Hz; sens 85 dB; imp 8 ohms. High-gloss black-veneer finish. 9½ x 16½ x 7½ in; 35 lb\$899

SUB800 In-Wall THX Subwoofer

Acoustic-suspension design with 12-in driver. Features THX certification. FR 20-80 Hz ±3 dB; sens 90 dB SPL/W/m. 14¼ x 53 x 6½ in; 70 lb\$799

SUB550 THX Subwoofer

12-in driver. Features THX certification. FR 20-80 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. 18¼ x 23¼ x 11½ in; 60 lb\$549

Type MC CC-1 2-Way Center-Channel Speaker

Two 5-in injection-molded woofers, 1-in textile-dome tweeter. Features magnetic shielding. Power handling 150 W; FR 80-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms\$499

SONANCE

DL15 Powered Subwoofer

15-in driver; amp rated at 160 W. DualLevel switching between audio/video signals. Variable crossover point; FR 23-140 Hz\$899

DL10. As above, 10-in driver, amp rated at 90 W. FR 40-150 Hz\$549

MB30 2-Way Outdoor Speaker

6½-in polypropylene woofer, 1-in soft-dome tweeter. Features weather-resistant design. Power handling 110 W max; FR 60-20,000 Hz ±3 dB; sens 91 dB SPL/W/m; imp 8 ohms. 8½ x 13 x 8½ in\$499/pr

PSW2 In-Wall Subwoofer

8-in pulp dual-voice coil driver. 3-position level control. Power handling 75 W; FR 30-125 Hz ±3 dB; sens 87 dB SPL/W/m. 12 x 16 x 3 in\$435

PSW1. As above, except without 3-position level control\$329

MB20 2-Way Outdoor Speaker

6½-in polypropylene woofer, 1-in soft-dome tweeter. Features weather-resistant design. Power handling 75 W max; FR 65-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 8½ x 13 x 8½ in\$399/pr

SB31 2-Way Outdoor Speaker

4-in polypropylene woofer, 1-in soft-dome tweeter. Features weather-resistant design. Power handling 50 W max; FR 70-20,000 Hz ±2 dB; sens 87 dB SPL/W/m; imp 6 ohms. 5½ x 8½ x 5½ in\$325/pr

Director 20 2-Way Bookshelf Speaker

6½-in woofer with 1-in pivoting dome tweeter concentrically mounted over it. Magnetic shielding. Power handling 75 W max; FR 70-20,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 4 ohms. 9 x 15 x 11 in\$279

SB21 2-Way Outdoor Speaker

4-in polypropylene woofer, ¾-in dome tweeter. Features weather-resistant design. Power handling 50 W max; FR 80-20,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 5 ohms. 5½ x 8½ x 5½ in\$259/pr

SB11 Speaker

4-in polypropylene dual-cone. Power handling 45 W max; FR 90-15,000 Hz ±5 dB; sens 85 dB SPL/W/m; imp 8 ohms. 5½ x 8½ x 5½ in\$179

In-Wall Speakers

D6000 3-Way In-Wall Speaker

8-in polypropylene dual-voice-coil woofer, 2½-in polypropylene midrange, ¾-in pivoting metal-dome tweeter. 10 DIP switches provide various EQ settings. Power handling 100 W max; FR 33-21,000 Hz ±2 dB; sens 91 dB SPL/W/m; imp 6 ohms. Rectangular frame. 10 x 16 x 3 in\$959/pr

D5500 3-Way In-Wall Speaker

8-in polypropylene dual-voice-coil woofer, 2½-in treated-paper midrange, ¾-in pivoting metal-dome tweeter. 6 DIP switches provide various EQ settings. Power handling 100 W max; FR 39-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 6 ohms. Rectangular frame. 10 x 16 x 3 in\$759/pr

D5000 3-Way In-Wall Speaker

8-in polypropylene woofer, 2½-in treated-paper midrange, and ¾-in pivoting metal-dome tweeter. DIP-switch equalization adjustment. Power handling 100 W max; FR 45-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Rectangular frame. 10 x 16 x 3 in\$559/pr

S3500 2-Way In-Wall Speaker

6½-in polypropylene dual-voice-coil woofer, 1-in pivoting ferrofluid-cooled soft-dome tweeter. 3-position tweeter and woofer adjustments. Power handling 75 W max; FR 45-20,000 Hz ±2 dB; sens 89 dB SPL/W/m; imp 6 ohms. Rectangular frame. 8 x 12 x 3 in\$489/pr

S3000 2-Way In-Wall Speaker

6½-in polypropylene dual-voice-coil woofer, 1-in soft-dome tweeter. Features 3-position tweeter and woofer adjustments. Power handling 75 W max; FR 45-20,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 6 ohms. Rectangular frame. 8 x 12 x 3 in\$389/pr

S3R 2-Way In-Wall Speaker

Coaxial design with 6½-in dual-voice-coil woofer and 1-in pivoting dome tweeter. Power handling 75 W max; FR 45-20,000 Hz ±3 dB; sens 92 dB SPL/W/m; imp 6 ohms. Round frame. Mounting diameter 10 in. Mounting depth 3 in\$380/pr

M300v 2-Way In-Wall Speaker

4-in woofer, ½-in pivoting dome tweeter. Magnetic shielding. Power handling 60 W max; FR 65-20,000 Hz ±2 dB; sens 88 dB SPL/W/m; imp 8 ohms. Rectangular frame. 6 x 9 x 2 in\$289/pr

S2000 2-Way In-Wall Speaker

6½-in polypropylene woofer, ¾-in polycarbonate tweeter. Features ferrofluid tweeter damping. Power handling 50 W max; FR 50-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Rectangular frame. 8 x 12 x 3 in\$255/pr

S1000. As above, 2-in cone tweeter. FR 70-19,000 Hz ±5 dB; sens 90 dB SPL/W/m\$190/pr

S2R 2-Way In-Wall Speaker

Coaxial design with 6½-in woofer and 1-in polycarbonate tweeter. Power handling 50 W max; FR 50-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 8 ohms. Round frame. Mounting diameter 10 in. Mounting depth 3 in\$245/pr

M20R/RB 2-Way In-Wall Speaker

Coaxial design with 4-in woofer and ¾-in polycarbonate tweeter. Power handling 50 W max; FR 70-20,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Round frame. Mounting diameter 7½ in. Mounting depth 3¾ in\$205/pr

M200 2-Way In-Wall Speaker

4-in woofer, ¾-in dome tweeter. Power handling 50 W max; FR 70-20,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Rectangular frame. 6 x 9 x 2 in\$202/pr

S1R 2-Way In-Wall Speaker

Coaxial design with 6½-in woofer and 2-in cone tweeter. Power handling 35 W max; FR 70-19,000 Hz ±5 dB; sens 90 dB SPL/W/m; imp 8 ohms. Round frame. Mounting diameter 10 in. Mounting depth 3 in\$169/pr

M10R/RB In-Wall Speaker

4-in cone driver. Power handling 35 W max; FR 70-15,000 Hz ±3 dB; sens 87 dB; imp 8 ohms. Round frame. Mounting diameter 7½ in. Mounting depth 3¾ in\$120/pr

M100 2-Way In-Wall Speaker

4-in woofer and 1-in dome tweeter. Power handling 45 W max; FR 70-15,000 Hz ±5 dB; sens 87 dB SPL/W/m; imp 8 ohms. Rectangular frame. 6 x 9 x 2 in\$119/pr

SONIC GEM

The following feature an acoustic-suspension design with a dampened enclosure cavity and a hand-soldered crossover with air-core inductors and Mylar-film capacitors. Custom finishes are available.

Black Diamond 2-Way Speaker

Two 8-in woofers, one 1-in impregnated-fabric soft-dome tweeter. Power handling 150 W; crossover

S P E A K E R S

point 3,000 Hz; FR 37-27,000 Hz; imp 6 ohms. Black-lacquer finish. 15 x 30 x 8 in\$995/pr

Black Ruby 2-Way Speaker

8-in woofer, 1-in impregnated-fabric soft-dome tweeter. Power handling 150 W; crossover point 3,200 Hz; FR 40-27,000 Hz; imp 8 ohms. Black-lacquer finish. 6 x 26 x 11 in\$795/pr

Music Monitor 2-Way Speaker

10-in woofer, 1-in impregnated-fabric soft-dome tweeter. Power handling 150 W; crossover point 2,500 Hz; FR 40-22,000 Hz; imp 8 ohms. Light-oak finish. 15 x 26 x 11 in\$500/pr

Black Pearl 2-Way Bookshelf Speaker

8-in woofer, 1-in impregnated-fabric soft-dome tweeter. Power handling 150 W; crossover point 3,200 Hz; FR 50-22,000 Hz; imp 8 ohms. Black-lacquer finish. 10 x 14 x 8 in\$400/pr

SONUS FABER

Extrema 2-Way Bookshelf Speaker

7½-in carbonium acrylate coated woofer, 1½-in soft-dome tweeter. Features sandwich cabinet construction with combination of solid walnut and black satin lacquer. Stand optional. Power handling 300 W; FR 38-30,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms. 10½ x 18½ x 22 in\$9,890/pr

Guarneri Homage 2-Way Bookshelf Speaker

6-in woofer, 1½-in silk-dome wood-chamber tweeter. Features sandwich cabinet construction with combination of 42 parts of walnut, maple, and limewood; 6-dB/oct crossover. Includes stand. Power handling 200 W; FR 46-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 8½ x 15¼ x 13½ in\$9,000/pr

Electa Amator 2-Way Bookshelf Speaker

7¼-in carbonium acrylate coated woofer, 1½-in soft-dome tweeter. Features solid-walnut individual cabinet struts; 6-dB/oct crossover. Stand optional. Power handling 200 W; FR 45-30,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 8½ x 14½ x 14 in\$5,000/pr

Minima Amator 2-Way Bookshelf Speaker

5½-in treated cone woofer, 1½-in ferrofluid-cooled silk-dome tweeter. Designed for placement close to room center. Features solid-walnut cabinet; 6-dB/oct crossover. Stand optional. Power handling 150 W; FR 55-20,000 Hz; sens 88 dB SPL/W/m; imp 4 ohms. 8 x 13½ x 12½ in\$3,000/pr

Electa 2-Way Bookshelf Speaker

7¼-in treated cone woofer, 1½-in ferrofluid-cooled silk-dome tweeter. Features front port; solid-walnut cabinet struts; 6-dB/oct crossover. Stand optional. Power handling 200 W; FR 50-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 10½ x 15¼ x 10½ in\$2,750/pr

Minima 2-Way Bookshelf Speaker

4½-in cellulose acrylate cone woofer, 1½-in ferrofluid-cooled silk-dome tweeter. Designed for placement close to room center. Features solid-walnut cabinet struts; 6-dB/oct crossover. Stand optional. Power handling 100 W; FR 60-20,000 Hz; sens 84 dB SPL/W/m; imp 8 ohms. 8 x 13¼ x 9½ in; 33 lb\$1,800/pr

Minuetto 2-Way Bookshelf Speaker

6½-in cellulose acrylate cone woofer, 1½-in ferrofluid-cooled silk-dome tweeter. Features solid-walnut cabinet struts; 6-dB/oct crossover. Stand optional. Power handling 120 W; FR 55-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 9¼ x 14 x 10½ in; 44 lb\$1,500/pr

SONY

SS-M9 3-Way Speaker

Ported design with mineral-filled polypropylene woofer, mineral-filled polypropylene-cone midrange, and ferrofluid-cooled polymer-impregnated silk-dome tweeter. Features anhedral baffle; two 3-in ports with computer-designed flares; non-parallel cabinet sur-

faces; 1-in-thick MDF cabinet walls and bracing; slanted 1½-in-thick constrained-layer damped MDF baffle board; 24-dB/oct crossover with separate high- and low-frequency circuit boards; 3%-tolerance crossover parts; separate midrange and tweeter enclosures; sorbothane extensional driver damping; flux demodulation rings in woofer and midrange; tweeter directivity-control plate. Biwire/biamp terminals. Power handling 300 W; FR 29-23,000 Hz ±3 dB; sens 88.5 dB SPL/W/m; imp 4 ohms. Cherry-wood veneer finish. 15½ x 41 x 22½ in; 150 lb\$3,000/pr

SS-M7 3-Way Speaker

Sealed design with 8-in mineral-filled polypropylene woofer, 4½-in mineral-filled polypropylene-cone midrange, and 1-in ferrofluid-cooled fabric-dome tweeter. Features anhedral baffle; slanted baffle board; 1½-in-thick MDF cabinet walls; separate midrange enclosure with lamb's-wool damping; flux-demodulation ring in woofer; computer-optimized 24-dB/oct crossover; separate high- and low-frequency crossover boards; polypropylene capacitors; laminated steel-core inductors; ceramic resistors; 5%-tolerance crossover parts; non-parallel cabinet surfaces. Speaker stands optional. Power handling 200 W; crossover points 400 and 4,000 Hz; FR 47-20,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms. Cherry-wood finish; black available. 15¼ x 29½ x 15½ in; 53.6 lb\$1,400/pr

SA-VA3 Powered Home Theater System

Two combination subwoofer/front-center-channel speakers, each with one 6¼-in cone, one 5½-in cone, and two 2-in cones; two surround speakers, each with 4-in cone; 7-channel amplification rated at 27 W x 1 (subwoofer) + 23 x 2 (front woofers) + 22.5 x 2 (front tweeters) + 26 x 2 (center, rear) built into one front speaker with Dolby Pro Logic decoder. 2 audio inputs; line-level input; 2 line-level outputs; center-channel output. Magnetic shielding; Hall and Simulated Surround modes; test-tone generator; variable delay time; center-, surround-, and subwoofer-level controls; bass and treble controls; switchable bass boost; mute switch; auto turn-on/off with TV; FL display; remote control. Each main speaker 7½ x 41 x 11 in\$950

SA-VA55 Powered Home Theater System

Two combination subwoofer/front-center-channel speakers, each with one 6¼-in cone, one 5½-in cone, one 4-in cone, and one 2-in cone; two infrared-wireless surround speakers, each with one 4-in cone; 8-channel amplification with Dolby Pro Logic decoder. 2 line-level input; 2 line-level outputs; line-level center-channel output. Magnetic shielding; Theater, Hall, Stadium, and Simulated Surround modes; test-tone generator; variable delay time; center-, surround-, and subwoofer-level controls; bass and treble controls; switchable bass boost; mute switch; auto turn-on/off with TV; FL display with dimmer; remote control\$950

SS-M3 2-Way Speaker

Sealed design with 6½-in mineral-filled polypropylene woofer and 1-in ferrofluid-cooled fabric-dome tweeter. Features anhedral baffle; slanted baffle board; 1-in-thick MDF cabinet walls and bracing; flux-demodulation ring in woofer; computer-optimized 24-dB/oct crossover; separate high- and low-frequency crossover boards; polypropylene capacitors; laminated steel-core inductors; ceramic resistors; 5%-tolerance crossover parts; non-parallel cabinet surfaces. Speaker stands optional. Power handling 120 W; crossover point 2,000 Hz; FR 70-20,000 Hz ±3 dB; sens 85 dB SPL/W/m; imp 8 ohms. Cherry-wood veneer finish; black finish available. 11½ x 18½ x 13½ in; 29 lb\$900/pr

SA-VA1 Powered Home Theater System

Two combination subwoofer/front-center-channel speakers, each with one 5½-in cone, one 4-in cone, and one 2-in cone; two surround speakers, each with one 3½-in cone; 5-channel amplifier rated at 22 W x 3 (front, subwoofer) + 17 x 2 (center, rear) with Dolby Pro Logic decoder. 2 audio inputs; line-level input; 2 line-level outputs; line-level center-channel output. Magnetic shielding; Hall and Simulated Surround

modes; test-tone generator; variable delay time; center-, surround-, and subwoofer-level controls; bass and treble controls; switchable bass boost; mute switch; auto turn-on/off with TV; FL display; remote control. Each main speaker 7 x 41 x 11 in\$700

SA-VA15 Powered Home Theater System

Two combination subwoofer/front-center-channel speakers, each with one 5½-in cone, one 4-in cone, and one 2-in cone drivers; two surround speakers, each with 3½-in cone; 5-channel amplifier built into one front speaker with Dolby Pro Logic decoder. 2 line-level inputs; 2 line-level outputs; line-level center-channel output. Magnetic shielding; Hall and Simulated Surround modes; test-tone generator; variable delay time; level controls for center, surround, and subwoofer; bass and treble controls; switchable bass boost; mute switch; auto turn-on/off with connected TV; display dimmer; remote control\$600

SS-AV55 2-Way Speaker

Bass-reflex design with two 6½-in woofers and one 1-in dome tweeter. Magnetic shielding. Power handling 130 W; FR 30-20,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Gray. 8½ x 41 x 11 in; 32 lb\$400/pr

SA-W101 Powered Subwoofer

Sealed design with 6¼-in long-throw driver; amp rated at 40 W x 1 into 5 ohms from 25-150 Hz with 0.8% THD. Features signal correction via motion-feedback detection. L/R line-level inputs. Magnetic shielding; phase-reverse switch; switchable 10-dB boost at 45 Hz. Low-pass filter variable from 50-150 Hz. 8 x 19¼ x 13¼ in; 27.5 lb\$350

SS-FCR33 Home Theater System

Two SS-AV33 front speakers; one acoustic-suspension center-channel speaker with two 3-in drivers; two acoustic-suspension surround speakers, each with 3-in driver. Magnetic center-channel shielding. Power handling 120 W center, 70 W surround; imp 8 ohms center or surround. Gray. Center 11 x 4½ x 5½ in; 3.1 lb. Each surround 4¼ x 6¼ x 5½ in; 1.8 lb\$350

SS-FCR55. As above, except with SS-AV55 front speakers\$480

SS-CR600 Center/Surround System

One SS-CN200AV center-channel speaker; two acoustic-suspension surround speakers, each with 5-in driver. Power handling 40 W surround; FR 90-15,000 Hz surround; imp 8 ohms surround. Gray. Each surround 6½ x 8¾ x 7 in; 5 lb\$330

SS-AV33 2-Way Bookshelf Speaker

Bass-reflex design with two 6½-in woofers and one 1-in dome tweeter. Magnetic shielding. Power handling 120 W; FR 45-20,000 Hz; imp 8 ohms. Gray. 8 x 17 x 11 in; 17 lb\$300/pr

SS-CN32 2-Way Speaker

Two 4-in woofers, 1-in dome tweeter. Magnetic shielding; adjustable tweeter angle. Imp 8 ohms. Gray PVC finish\$280

SS-U610 3-Way Speaker

Acoustic-suspension design with 12-in woofer, 5-in cone midrange, and 1-in dome tweeter. Power handling 200 W; FR 50-20,000 Hz; sens 92 dB SPL/W/m; imp 8 ohms. Oak vinyl veneer finish. 16¼ x 29½ x 10½ in; 29.1 lb\$280/pr

SS-U7030 3-Way Speaker

Bass-reflex design with 15-in woofer, 5-in cone midrange, and 1-in dome tweeter. Includes stripped speaker cable. Power handling 240 W; FR 30-20,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Black-ash grained-vinyl veneer finish. 17½ x 29½ x 13 in; 34 lb\$280/pr

SS-CN200AV 2-Way Center-Channel Speaker

Acoustic-suspension design with two 5-in woofers and one 1-in dome tweeter. Magnetic shielding. Power handling 120 W; FR 65-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Gray. 17 x 6¾ x 7¾ in; 13 lb\$230

SS-EX5 2-Way Bookshelf Speaker

8-in woofer, 1-in tweeter. Power handling 100 W; imp 8 ohms. Black vinyl veneer finish\$225

SS-U6030 3-Way Speaker

Acoustic-suspension design with 12-in woofer, 4-in cone midrange, and 2-in cone tweeter. Includes stripped speaker cable. Power handling 200 W; FR 35-20,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Black-ash grained-vinyl veneer finish. 15 1/4 x 25 x 1 1/2 in; 24 lb\$200/pr

SS-CR400 Center/Surround System

Acoustic-suspension center-channel speaker with two 3-in woofers and one 1-in dome tweeter; two acoustic-suspension surround speakers, each with 3-in cone. Magnetic center-channel shielding. Power handling 120 W center, 70 W surround; imp 8 ohms center or surround. Gray. Center 17 x 4 x 6 1/2 in; 5.3 lb. Each surround 4 1/4 x 6 1/4 x 5 1/2 in; 1.8 lb\$200

SS-EX3AV 2-Way Bookshelf Speaker

Acoustic-suspension design with 5-in long-throw woofer and 1-in dome tweeter. Magnetic shielding. Power handling 70 W; FR 60-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Black oak vinyl veneer finish. 6 1/2 x 9 1/2 x 7 1/2 in; 9 lb\$175/pr

SS-U5030 3-Way Speaker

Acoustic-suspension design with 10-in woofer, 4-in cone midrange, and 2-in cone tweeter. Includes stripped speaker cable. Power handling 150 W; FR 40-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black-ash grained-vinyl veneer finish. 13 x 22 1/2 x 9 1/2 in; 18 lb\$160/pr

SS-CR300 Center/Surround System

Acoustic-suspension center-channel speaker with two 5-in drivers; two acoustic-suspension surround speakers, each with 5-in driver. Magnetic center-channel shielding. Power handling 80 W center, 50 W surround; FR 80-15,000 Hz center, 90-15,000 Hz surround; imp 8 ohms center or surround. Gray. Center-channel speaker 17 x 6 1/2 x 6 1/2 in; 8 lb. Each surround speaker 7 1/2 x 6 1/2 x 6 1/2 in; 5 lb\$160

SS-CR150 Center/Surround System

Acoustic-suspension center-channel speaker with two 3-in drivers; two acoustic-suspension surround speakers, each with 3-in driver. Features magnetic center-channel shielding. Power handling 120 W center, 70 W surround; imp 8 ohms center or surround. Gray. Center-channel speaker 11 x 4 1/2 x 5 1/2; 3.1 lb. Each surround speaker 4 1/4 x 6 1/2 x 5 1/2 in; 1.8 lb\$150

SS-U310 2-Way Bookshelf Speaker

Acoustic-suspension design with 6 1/2-in long-throw woofer and 1-in dome tweeter. Power handling 100 W; FR 60-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Oak vinyl veneer finish. 9 1/2 x 15 1/4 x 9 1/2 in; 11.4 lb\$140/pr

SS-U4030 2-Way Bookshelf Speaker

Acoustic-suspension design with 8-in long-throw woofer and 2-in cone tweeter. Includes stripped speaker cable. Power handling 100 W; FR 50-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black-ash grained-vinyl veneer finish. 10 1/2 x 16 1/2 x 9 1/2 in; 14 lb\$140/pr

SS-U3030 2-Way Bookshelf Speaker

Acoustic-suspension design with 6 1/2-in long-throw woofer and 2-in cone tweeter. Includes stripped speaker cable. Power handling 60 W; FR 60-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black-ash grained-vinyl-veneer finish. 9 1/2 x 14 1/2 x 8 1/2 in; 11 lb\$120/pr

Mini Speakers

SRS-D300 2-Way Powered Mini Speaker System
3-piece system comprised of enclosed woofer with 3 1/2-in driver, enclosed tweeter with 2 1/2-in driver, and amp rated at 25 W total. FR 60-250 Hz woofer, 200-20,000 Hz tweeter; imp 32 ohms woofer, 4 ohms tweeter\$250

SRS-A91 Powered Mini Speaker

Bass-reflex design with 2 1/2-in driver; amp rated at 10 W x 1. Stereo mini-plug input. FR 60-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms\$200

SRS-68 Powered Mini Speaker

Bass-reflex design with 2 1/2-in driver; amp rated at 5 W x 1. Stereo mini-plug input. FR 80-20,000 Hz; sens 85 dB SPL/W/m; imp 4 ohms\$175

SRS-A60 Powered Mini Speaker

Bass-reflex design with 2 1/2-in driver; amp rated at 4 W x 1. Stereo mini-plug input. FR 70-20,000 Hz; sens 85 dB SPL/W/m; imp 4 ohms\$100

SRS-A50. As above, amp rated at 3 W x 1. FR 80-25,000 Hz\$80

SRS-A30 Powered Mini Speaker

Bass-reflex design with 2 1/2-in driver; amp rated at 2 W x 1. Stereo mini-plug input. FR 100-20,000 Hz; sens 85 dB SPL/W/m; imp 4 ohms\$50

SRS-A20 Powered Mini Speaker

Bass-reflex design with 2 1/2-in driver; amp rated at 1 W x 1. Stereo mini-plug input. FR 150-20,000 Hz; sens 85 dB SPL/W/m; imp 8 ohms\$30

SRS-A10 Powered Mini Speaker

Bass-reflex design with 2 1/2-in driver; amp rated at 0.4 W x 1. Stereo mini-plug input. FR 200-16,000 Hz; sens 85 dB SPL/W/m; imp 3.2 ohms\$20

SRS-T10 Powered Mini Speaker

Bass-reflex design with 2-in driver; amp rated at 0.4 W x 1. Stereo mini-plug input. FR 250-16,000 Hz; sens 85 dB SPL/W/m; imp 4 ohms. 4 1/2 x 2 1/4 x 4 1/2 in\$20

SRS-5G Mini Speaker

Sealed design with 2-in driver. Stereo mini-plug input. FR 250-15,000 Hz; sens 84 dB SPL/W/m; imp 8 ohms. 2 1/2 x 7 x 9 1/2 in\$13

SOTA

Time Domain Series

The following feature a damped time-corrected enclosure without diffractive edges or parallel sides, Kevlar drivers, hand-assembled crossovers, separate crossover paths for each driver, and solid-copper Edison-Price binding posts soldered directly to the crossover. Each is available in a light-, dark-, or black-oak finish. Common specs include power handling 200 W, sensitivity 89 dB SPL/W/m, and impedance 8 ohms.

Model 4 3-Way Speaker

8-in woofer, 7-in midrange, 1-in inverted-dome tweeter. Features 1 1/2-in-thick midrange/tweeter enclosure. Biwire/biamp terminals. FR 37-22,000 Hz \pm 3 dB. Subwoofer 12 x 32 x 16 in; 60 lb. Midrange/tweeter enclosure 12 x 16 1/2 x 12 in\$3,995/pr

Model 2 3-Way Speaker

8-in woofer, 7-in midrange, 1-in inverted-dome tweeter. Features subenclosure for woofer. FR 37-22,000 Hz \pm 3 dB. 14 x 40 x 16 in; 75 lb\$2,795/pr

Panorama 2-Way Bookshelf Speaker

7-in dual-voice-coil woofer, 1-in inverted-dome tweeter. Features 1 1/2-in-thick wood midrange/tweeter enclosure. Biwire/biamp terminals. FR 58-22,000 Hz \pm 3 dB. 12 x 16 1/2 x 12 in\$2,095/pr

Model 1 2-Way Speaker

Ported design with 7-in dual-voice-coil woofer and 1-in inverted-dome tweeter. Features crossoverless midrange. FR 50-22,000 Hz \pm 3 dB. 12 x 32 x 16 in; 55 lb\$1,795/pr

SOUND DYNAMICS

THS-15 Powered Subwoofer

15-in ferrofluid-cooled down-firing driver; discrete MOSFET 150-W amp. Features protection circuitry; adjustable low-pass filter. Line- and speaker-level

inputs and outputs. Phase control variable from 0° to 180°. FR 25-150 Hz. Black finish. 21 x 21 x 21 in; 72 lb\$750
THS-12. As above, 12-in driver, 100-W amp. FR 30-150 Hz. 19 x 16 x 16 in; 52 lb\$530
THS-10. As THS-12, 10-in forward-firing driver. FR 35-150 Hz. 17 x 16 x 15 in; 40 lb\$450

Reference Series

R-818 2-Way Speaker

Bass-reflex design with two 8 1/2-in injection-molded woofers and one 1-in trilaminate metal-dome tweeter. Biwire/biamp terminals. Adjustable spiked stand. Power handling 200 W cont avg; crossover point 2,000 Hz; FR 34-20,000 Hz \pm 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black-ash finish. 10 x 43 x 14 in\$700/pr

R-616. As above, 6 1/2-in woofers. FR 39-20,000 Hz \pm 3 dB; sens 89 dB. 9 x 39 x 11 in\$550/pr

R-515. As R-616, except with 5 1/2-in woofers. Power handling 125 W cont avg; FR 45-20,000 Hz. 7 x 32 x 9 in\$450/pr

R-85 2-Way Bookshelf Speaker

Bass-reflex design with 8-in injection-molded woofer and 3/4-in titanium-dome tweeter. Power handling 80 W cont avg; crossover point 2,200 Hz; FR 45-20,000 Hz \pm 3 dB; sens 89 dB SPL/W/m; imp 6 ohms. Black-ash finish. 19 x 10 x 10 in\$310/pr

R-65 2-Way Bookshelf Speaker

Bass-reflex design with 6 1/2-in injection-molded woofer and 1/2-in titanium-dome tweeter. Power handling 100 W cont avg; crossover point 2,500 Hz; FR 48-20,500 Hz \pm 3 dB; sens 87.5 dB SPL/W/m; imp 6 ohms. Black-ash finish. 13 x 7 x 10 in\$200/pr

R-55. As above, 5 1/2-in woofer. Power handling 80 W cont avg; crossover point 3,500 Hz; FR 60-20,000 Hz \pm 3 dB; sens 86 dB SPL/W/m. 10 x 8 x 10 in\$150/pr

Home Theater Series

Sound Dynamics 2-Way Surround Speaker

Sealed design with two 5 1/4-in injection-molded polypropylene woofers and two 1/2-in ferrofluid-cooled polycarbonate flared-dome tweeters. Features bipolar radiation pattern. Magnetic shielding. Power handling 125 W; FR 60-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black or white. 3 lb\$350/pr

SDC-2 2-Way Center-Channel Speaker

Dual-vented QB3 design with two 5 1/4-in injection-molded polypropylene woofers and one 3/4-in titanium-dome tweeter. Features ferrofluid cooling. Magnetic shielding. Power handling 125 W; FR 52-20,000 Hz; sens 88 dB SPL/W/m; imp 6 ohms. Black. 8 x 19 x 12 in; 21 lb\$250

Cinesat 2 2-Way Satellite Speaker

Acoustic-suspension design with 4 1/2-in polypropylene woofer and 1/2-in titanium-polycarbonate tweeter. Stand or wall bracket optional. Power handling 125 W cont avg; crossover point 2,500 Hz; FR 140-22,000 Hz \pm 3 dB; sens 86 dB SPL/W/m; imp 6 ohms. 8 x 5 x 5 in; 5 lb\$249/pr

Cinesub Subwoofer

4th-order vented bandpass design with 6 1/2-in driver. Power handling 125 W rms; crossover point 140 Hz; FR 50-140 Hz \pm 3 dB; sens 86 dB SPL/W/m; imp 4 ohms. Black. 7 x 13 x 17 in\$199

SOUND LAB

The following, except Dynastat, feature a laser-trimmed plastic electrostatic panel and a 3-band EQ.

Ultimate-1 Electrostatic Speaker

Features 90° horizontal dispersion; steel frame; silver interconnect cable. FR 26-22,000 Hz \pm 3 dB; sens 86 dB SPL/W/m; imp 8 ohms. 38 x 82 x 11 in; 210 lb\$20,750/pr

A-1 Electrostatic Speaker

Features 90° horizontal dispersion. FR 28-22,000 Hz \pm 3 dB; sens 86 dB SPL/W/m; imp 8 ohms. 36 x 81 x 10 in; 185 lb\$13,250/pr

Ultimate-2 Electrostatic Speaker

Features 60° horizontal dispersion; steel frame; silver interconnect cable. FR 28-22,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms. 29 x 70 x 7 in; 150 lb\$10,950/pr

A-3 Electrostatic Speaker

Features 75° horizontal dispersion. FR 30-22,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms. 31 x 74 x 9 in; 145 lb\$9,650/pr

Pristine III Electronic Speaker

Features 60° horizontal dispersion. FR 35-22,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 8 ohms. 28 x 60 x 7 in; 100 lb\$5,950/pr

Dynastat Electrostatic Speaker

Hybrid design with 10-in woofer and electrostatic tweeter. Features 90° horizontal dispersion. Continuously adjustable woofer level; brilliance adjustment. Crossover point 250 Hz; FR 27-22,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 8 ohms. 17 x 72 x 3 in; 78 lb\$3,390/pr

Quantum Electrostatic Speaker

Hybrid design with 8-in woofer and electrostatic tweeter. Features 90° horizontal dispersion. Continuously adjustable woofer level; brilliance adjustment. Crossover point 250 Hz; FR 38-22,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 8 ohms. 14 x 53 x 3 in; 53 lb\$2,250/pr

SOUNDOLIER

Sub-40V Subwoofer/Center-Channel/TV Stand

TV stand incorporating integral ported subwoofer with four 8-in down-firing long-throw polypropylene drivers and center-channel speaker with balanced vertical array of two 6½-in polypropylene-cone woofers and 1-in fabric soft-dome tweeter within an acoustic-suspension subenclosure. Supports TV 35 in or larger. Features two 4-in subwoofer ports; center-channel magnetic shielding. Power handling 200 W subwoofer or center; crossover point 3,400 Hz center; FR 24-200 Hz +5, -2 dB subwoofer, 70-20,000 Hz ±3 dB center; sens 103 dB SPL/W/m subwoofer, 89 dB SPL/W/m center; imp 4 ohms center. Cabinetry with straight sides and rounded front with flush black fabric grille; furniture-grade cherry veneer finish. 40 x 23 x 29½ in; 86 lb\$1,335

Sub-36V. As above, supports 27- to 35-in TV. FR 30-200 Hz ±3 dB subwoofer; sens 104 dB SPL/W/m subwoofer. 36 x 23 x 21½ in 78 lb\$1,162

Sub-40B. As Sub-40V, but with satin black laminate finish\$1,140

Sub-36B. As Sub-36V, but with satin black laminate finish\$1,013

AS83 3-Way In-Wall Speaker

8-in polypropylene woofer, 4-in polypropylene mid-range, 1-in soft-dome tweeter. Features 12-dB/oct crossover; moisture-proof components; adjustable tweeter level. Paintable exterior. Power handling 50 W rms; crossover points 2,250 and 5,000 Hz; FR 45-20,000 Hz; sens 88 dB SPL/W/m\$400/pr

THP-1 Subwoofer

Two 8-in drivers. Configurable for 4-ohm mono use. L/R input pairs. Power handling 100 W rms; FR 38-500 Hz; sens 90 dB SPL/W/m; imp 8 ohms. High-gloss piano black or white finish. 10½ x 25 x 14½ in\$375

W150T 2-Way Outdoor Speaker

5½-in carbon-fiber reinforced polypropylene woofer, 1-in ferrofluid-cooled soft-dome tweeter. Features 8-ohm selector switch; die-cast aluminum enclosure. Push-on connectors. Includes U-shaped mounting brackets for multiple-position angling. 70.7-V transformer optional. Power handling 50 W; FR 75-20,000 Hz; sens 86 dB SPL/W/m; imp 8 ohms. Black or cream. 9 x 6½ x 6½ in; 10 lb\$304

THP-2 In-Floor/Ceiling Subwoofer

Two 8-in drivers. Can be installed between standard 16-in center floor/ceiling joists. Power handling 100

W rms; FR 50-170 Hz ±3 dB; sens 96 dB SPL/W/m; imp 8 ohms. 13½ x 11 x 21½ in\$300

AS130 2-Way Outdoor Speaker

4-in carbon-fiber reinforced polypropylene woofer, 1-in ferrofluid-cooled soft-dome tweeter. Features 8-ohm selector switch; die-cast aluminum enclosure. Push-on connectors. Includes U-shaped mounting brackets for multiple-position angling. Power handling 30 W; FR 95-20,000 Hz; sens 85 dB SPL/W/m; imp 8 ohms. Black or white. 7¼ x 4¾ x 4¾ in; 5.5 lb\$279/pr

AS80 2-Way In-Wall Speaker

8-in polypropylene woofer, 1-in soft-dome tweeter. Features 12-dB/oct crossover; moisture-proof components. Adjustable tweeter level. Power handling 30 W rms; crossover point 2,800 Hz; FR 50-20,000 Hz; sens 88 dB SPL/W/m. Paintable\$260/pr

AS62. As above, 6½-in woofer. Power handling 20 W rms; crossover point 2,500 Hz; FR 60-20,000 Hz; sens 86 dB SPL/W/m\$200/pr

AS30C 2-Way Ceiling Speaker

6-in woofer, ½-in tweeter. Features 18-dB/oct crossover. Power handling 35 W rms; crossover point 4,000 Hz; FR 65-20,000 Hz ±5 dB; sens 87.8 dB SPL/W/m; imp 8 ohms. Recessed lighting-style grille with white trim ring\$240/pr

AS20C. As above, except with flush round white grille\$219/pr

AS115 2-Way Outdoor Speaker

4-in treated woofer, 1-in tweeter. Features 8-ohm selector switch; plastic enclosure. Push-on connectors. Includes U-shaped mounting brackets for multiple-position angling. Power handling 15 W; FR 140-14,300 Hz; sens 85 dB SPL/W/m; imp 8 ohms. Black or white. 7¼ x 4¾ x 4¾ in; 4.5 lb\$184/pr

THP-3 In-Wall Subwoofer

8-in dual-voice-coil driver. Power handling 50 W rms; FR 45-500 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Paintable white finish. Cutout 9 x 13¼ in\$165

AS60 2-Way In-Wall Speaker

6½-in polypropylene woofer, 2-in paper-cone tweeter. Features 6-dB/oct crossover; moisture-proof components. Power handling 10 W rms; crossover point 3,400 Hz; FR 60-15,000 Hz; sens 85 dB SPL/W/m. Paintable\$98/pr

SOUNDQUEST

IWB-8 In-Wall Subwoofer

8-in dual-voice coil driver. Features 12-dB/oct low-pass filter. High-pass output for satellite speakers. Power handling 100 W max; crossover point 120 Hz; FR 30-500 Hz\$150/pr

IWB-5.25 2-Way In-Wall Speaker

5¼-in mica poly-cone woofer, 1-in soft-dome tweeter. Power handling 60 W max; FR 50-21,000 Hz; imp 8 ohms\$130/pr

IWB-6.5. As above, but with 6½-in woofer. FR 40-22,000 Hz\$200/pr

SOUNDWAVE

Point Source 1.0 2-Way Speaker

Two 8-in long-throw woofers, one 1-in ferrofluid-cooled soft-dome tweeter. Features hemispherical wavefront technology; 5-sided enclosure with no parallel walls. Gold 5-way biwire/biamp binding posts. Adjustable tweeter-level switch. Stand optional. Power handling 250 W; crossover point 2,200 Hz; FR 45-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 5 ohms. Gloss black acrylic top. 12 x 20½ x 17 in; 37 lb\$1,490/pr

Point Source 2.0. Tower version of the above. FR 37-20,000 Hz ±3 dB. 12 x 40 x 17 in; 55 lb\$1,890/pr

Point Source 3.0. As Point Source 2.0, two tweeters. Power handling 300 W; FR 34-20,000 Hz ±3 dB. 12 x 42 x 17 in; 60 lb\$2,490/pr

Point Source 4.0. As Point Source 3.0, four woofers. Power handling 400 W; crossover points 100 and

2,200 Hz; FR 29-20,000 Hz ±3 dB; imp 4 ohms. 14 x 44 x 19 in; 90 lb\$3,490/pr

VR-2.5 2-Way Speaker

Two 8-in long-throw woofers, one 1-in ferrofluid-cooled soft-dome tweeter. Trapezoid-shaped enclosure. Gold 5-way biwire/biamp binding posts. Adjustable tweeter-level switch. Power handling 200 W; crossover points 125 and 2,500 Hz; FR 39-20,000 Hz ±3 dB; sens 90 dB SPL/W/m; imp 5 ohms. Gloss black acrylic top. 10 x 38 x 11 in; 47 lb\$990/pr

VR-3.5. As above, two tweeters including one top-mounted tweeter. Power handling 250 W; FR 34-20,000 Hz ±3 dB. 10 x 40 x 11 in; 52 lb\$1,490/pr

Dialog II 2-Way Center-Channel Speaker

8-in long-throw woofer with coaxially mounted 1-in ferrofluid-cooled soft-dome tweeter. Features 5-sided enclosure. Gold 5-way biwire/biamp binding posts. Magnetic shielding. Power handling 200 W; crossover point 2,500 Hz; FR 59-20,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 8 ohms. Gloss black acrylic top. 21 x 9 x 11 in; 30 lb\$550

Metronome 2-Way Bookshelf Speaker

6½-in long-throw woofer, 1-in ferrofluid-cooled soft-dome tweeter. Features sloped baffle and trapezoid-shaped enclosure. Gold 5-way biwire/biamp binding posts. Power handling 100 W; crossover point 2,500 Hz; FR 65-20,000 Hz ±3 dB; sens 88 dB SPL/W/m; imp 6 ohms. Gloss black acrylic top. 10 x 13 x 10 in; 16 lb\$550/pr

SPEAKER ART

Pro-Klaim I 2-Way Speaker

8¾-in Kevlar honeycomb cone woofer, 1¾-in fabric tweeter. Features proprietary molded resin cabinet with curved non-resonant non-parallel walls; proprietary 24 dB/oct constant-voltage zero-phase-error crossover using OFC air-core chokes and 1% matched polypropylene capacitors; hand-matched tweeter pairs. FR 30-21,000 Hz ±3 dB; sens 91 dB SPL/W/m. Black or jade finish. 6-yr limited parts-and-labor warranty. 12 x 45 x 12½ in\$8,995/pr

Odyssey 2-Way Speaker

8¾-in low-compression Kevlar woofer, ¾-in ceramic inverted-dome tweeter. Features proprietary 24-dB/oct constant-voltage zero-phase-error Kaminsky-type crossover using matched OFC coils and 1% polypropylene capacitors; matched tweeter pairs; birch friction-damped cabinet. FR 45-21,000 Hz ±3 dB; sens 89 dB SPL/W/m. Rosewood or black-lacquer finish available. 6-yr limited parts-and-labor warranty. 10½ x 23½ x 15 in\$4,995/pr

Taurus 2-Way Speaker

Two 6½-in polypropylene woofers, one ¾-in fabric-dome tweeter. Features proprietary 24-dB/oct zero-phase-error crossover with optimum phase Q transfer function; friction damping; bracing. FR 35-22,000 Hz ±3 dB; sens 88 dB SPL/W/m. Rosewood, ebony, or oak wood finish. 6-yr limited warranty. 8 x 48 x 11 in; 85 lb\$4,000/pr

Acappella 2-Way Speaker

6½-in polypropylene woofer, ¾-in fabric-dome tweeter. Features 24-dB/oct zero-phase-error crossover with optimum phase Q transfer function; friction damping; bracing. FR 35-22,000 Hz ±3 dB; sens 88 dB SPL/W/m. Rosewood, ebony, or oak wood finish. 6-yr limited warranty. 8 x 38 x 11 in; 65 lb\$2,200/pr

Mojo 2-Way Bookshelf Speaker

6½-in polypropylene woofer, ¾-in dome tweeter. Features 24-dB/oct linear-phase crossover; bracing. FR 35-22,000 Hz ±3 dB; sens 88 dB SPL/W/m. Rosewood, ebony, or oak wood finish. 6-yr limited warranty. 8 x 15½ x 11 in; 30 lb\$1,495/pr

Clef 2-Way Speaker

8¾-in woofer, 1-in soft-dome tweeter. Features 6-dB/oct crossover with proprietary series and parallel filtering, 14-gauge OFC coils, 1% polypropylene capacitors, and Lynx non-inductive resistors; OFC-

ribbon Teflon-dielectric zero-core-effect wire used throughout; core ladder bracing; foam damping. Power handling 200 W max; FR 33-20,000 Hz \pm 3 dB; sens 93 dB SPL/W/m; imp 8 ohms. Furniture-grade oak with stained finish. 6-yr limited warranty. 9 $\frac{1}{2}$ x 21 x 13 in\$1,200/pr

SPEAKERLAB

The following feature a red-oak veneer finish.

SL-7 4-Way Speaker

Bass-reflex design with 12-in subwoofer, 10-in woofer, 6 $\frac{1}{2}$ -in midrange, and 1-in poly-dome tweeter. Crossover points 180, 350, and 5,000 Hz; FR 25-21,000 Hz; sens 94 dB SPL/W/m; imp 4 ohms. 14 x 38 $\frac{1}{2}$ x 16 in; 82 lb\$999/pr
Kit version\$799/pr

SL-5 3-Way Speaker

Bass-reflex design with 8-in woofer, 6 $\frac{1}{2}$ -in midrange, and 1-in poly-dome tweeter. Crossover points 180 and 2,500 Hz; FR 34-21,000 Hz; sens 92 dB SPL/W/m; imp 4 ohms. 11 $\frac{1}{4}$ x 37 x 13 in; 56 lb\$659/pr
Kit version\$569/pr

SL-4 2-Way Speaker

Two 6 $\frac{1}{2}$ -in woofers, one 1-in aluminum-dome tweeter. Crossover point 2,500 Hz; FR 35-21,000 Hz; sens 91 dB SPL/W/m; imp 4 ohms. 10 x 32 x 11 $\frac{1}{2}$ in; 42 lb\$539/pr
Kit version\$449/pr

SL-3 2-Way Bookshelf Speaker

6 $\frac{1}{2}$ -in woofer and $\frac{3}{4}$ -in aluminum-dome tweeter. Crossover point 2,500 Hz; FR 42-21,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 9 x 18 x 10 in; 22 lb\$389/pr
Kit version\$289/pr

SL-SW Subwoofer

10-in dual voice-coil driver. Crossover point 150 Hz; FR 35-160 Hz; sens 91 dB SPL/W/m; imp 8 ohms. 14 x 23 x 15 $\frac{1}{2}$ in; 43 lb\$329
Kit version\$230

SL-C 2-Way Center-Channel Speaker

Two 6-in woofers, one $\frac{3}{4}$ -in fluid-cooled polycarbonate tweeter. Magnetic shielding. Crossover point 2,500 Hz; FR 42-21,000 Hz; sens 90 dB SPL/W/m; imp 4 ohms. 8 $\frac{1}{4}$ x 23 $\frac{1}{4}$ x 10 $\frac{1}{4}$ in; 25 lb\$239
Kit version\$219

SL-2 2-Way Bookshelf Speaker

5 $\frac{1}{4}$ -in woofer and $\frac{3}{4}$ -in poly-dome tweeter. Crossover point 2,500 Hz; FR 50-21,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 13 x 7 x 8 $\frac{1}{2}$ in; 12 lb\$239/pr
Kit version\$195/pr

SPECO

DMS-6 3-Way Bookshelf Speaker

Bass-reflex design with 5-in long-throw woofer, 2-in cone tweeter, and 1-in soft-dome tweeter. Includes brackets. Power handling 60 W max; FR 55-22,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black. 6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ x 5 $\frac{1}{4}$ in\$140/pr

BAS-100 2-Way Powered Bookshelf Speaker

Ported bass-reflex design with 3-in poly woofer and $\frac{3}{4}$ -in tweeter; 15-W amp. Magnetic shielding. Includes speaker stand. Power handling 15 W rms; FR 20-20,000 Hz; imp 8 ohms. Black. 4 $\frac{1}{2}$ x 6 $\frac{1}{4}$ x 4 $\frac{1}{2}$ in\$135/pr
WAS 100. As above, white\$135/pr

DMS-3PW 3-Way Outdoor Speaker

Bass-reflex design with 4-in polypropylene woofer, 2-in midrange, and 1-in dome tweeter. Includes mounting bracket. Power handling 100 W max; FR 55-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. White aluminum finish. 7 $\frac{1}{4}$ x 4 $\frac{1}{2}$ x 4 $\frac{1}{2}$ in\$120/pr
DMS-3P. As above, except with black aluminum finish\$120/pr

SPECTRUM AUDIO

Ultra Monitor 3-Way Speaker

Bass-reflex design with 8-in woofer, 3-in dome midrange, and 1-in dome tweeter. Features 1-in cabinet material created through bilamination of tempered high-density PVC and ultra-damped expanded Sintra PVC. Crossover points 850 and 4,500 Hz; FR 29-24,000 Hz \pm 2, -0 dB; sens 88 dB SPL/W/m; imp 8 ohms. Oak and black finish. 15 x 46 x 14 $\frac{1}{2}$ in; 120 lb\$3,995/pr

Model 1000 3-Way Speaker

Thiele-tuned acoustic-suspension design with two 8-in long-throw woofers, 3-in dome midrange, and 1-in aluminum-dome tweeter. Features hexagonal-shaped MDF enclosure with internal bracing and 3 damping materials; 12-dB/oct impedance-compensated crossover; Teflon-coated copper wiring. 5-way biwire/biamp binding posts. Includes permanent pedestal stand. Power handling 500 W max; crossover points 200, 500, and 5,000 Hz; FR 25-23,500 Hz \pm 3 dB; sens 91 dB SPL/W/m; imp 4 ohms. Light or dark finish with hand-rubbed solid-oak top and bottom with black knit cloth on all sides. 16 x 47 x 12 in; 95 lb\$2,495/pr

MiniMonitor 2-Way Bookshelf Speaker

Bass-reflex design with 5 $\frac{1}{4}$ -in neoprene-edged woofer and 1-in chambered aluminum-dome tweeter. Features 1-in cabinet material created through bilamination of tempered high-density PVC and ultra-damped expanded Sintra PVC. Power handling 150 W max; crossover point 1,900 Hz; FR 45-23,500 Hz \pm 3 dB; sens 87 dB SPL/W/m; imp 8 ohms. Marble finish. 12 x 16 $\frac{1}{2}$ x 8 in; 18 lb\$1,995/pr

Model 208cd 2-Way Speaker

Coaxial bass-reflex design with 8-in long-throw woofer and $\frac{3}{4}$ -in polycarbonate-dome tweeter. Features coaxial mounting system with tweeter mounted asymmetrically on compliant suspension via neoprene O-rings which decouple tweeter from enclosure; critically aligned phase-coherent directional crossover; $\frac{3}{4}$ -in MDF enclosure with asymmetrical bracing. Power handling 350 W max; crossover point 2,800 Hz; FR 29-21,000 \pm 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black or desert ash finish. 11 x 36 x 12 in; 55 lb\$599/pr

Model 108cd. As above, bookshelf version with different woofer former. Features $\frac{3}{4}$ -in MDF baffles with $\frac{1}{2}$ -in MDF slides. Power handling 200 W max; crossover point 3,500 Hz; FR 49-21,000 Hz \pm 3 dB; sens 91 dB SPL/W/m. 10 $\frac{1}{2}$ x 15 $\frac{1}{2}$ x 9 $\frac{3}{4}$ in; 19 lb\$399/pr

Model 106cd 2-Way Bookshelf Speaker

Bass-reflex design with 6 $\frac{1}{2}$ -in woofer and $\frac{3}{4}$ -in polycarbonate-dome tweeter. Power handling 125 W max; crossover point 3,500 Hz; FR 55-21,000 Hz \pm 3 dB; sens 90 dB SPL/W/m; imp 8 ohms. Black-vinyl finish. 7 $\frac{3}{4}$ x 8 $\frac{1}{2}$ x 12 $\frac{1}{2}$ in; 10 lb\$249/pr

SPICA

TC-60 Time Coherent 2-Way Speaker

6 $\frac{1}{2}$ -in polypropylene woofer, 1-in impregnated cloth-dome tweeter. Sloped baffle; Bessel-based crossover network; acoustic absorption bracket. Mirror imaged and matched pairs. Power handling 120 W; FR 48-20,000 Hz. 5-yr warranty. Satin black finish\$795
Lacquered oak finish\$839
Oiled finish\$895

SRD SPEAKERWORKS

The following feature a 5-year limited warranty, gold binding posts that accept banana plugs, and construction with $\frac{3}{4}$ -in MDF, and they are available in a black-lacquer or stained-oak-veneer finish. Walnut and mahogany finishes are available on special order. Wall-mount brackets are optional.

DPL System 1 Home Theater System

Three VM-1 speakers, two SS-1 surround speakers, and one SUB-12P powered subwoofer. Timbre matched\$1,950

Model 10.3 3-Way Speaker

Bass-reflex design with 10-in treated-paper woofer, 5 $\frac{1}{2}$ -in chambered poly-cone midrange, and 1-in soft-dome tweeter. Features 12-dB/oct crossover. Power handling 200 W max; FR 33-27,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 14 $\frac{1}{2}$ x 25 x 12 in\$1,195/pr

Sat 1 Subwoofer/Satellite System

Bass-reflex subwoofer with 10-in poly driver; 2 acoustic suspension satellites, each with 5-in poly woofer and 1-in dome tweeter. Features 12-dB/oct crossover. Power handling 125 W max; FR 45-20,000 Hz; sens 89 dB SPL/W/m; imp 6 ohms. Subwoofer 14 x 14 x 14 in. Each satellite 8 x 12 x 7 in\$750

SUB-12P Powered Subwoofer

12-in driver; amp rated at 120 W cont. Features high-pass filter. Line- and speaker-level inputs and outputs. Auto turn-on/off; phase-reverse switch; variable gain. Crossover point variable from 40-180 Hz; FR 25-180 Hz. 18 $\frac{1}{4}$ x 18 $\frac{1}{4}$ x 18 in\$750

SUB-12S. Slave subwoofer for the above with 12-in driver. FR 25-180 Hz. 18 $\frac{1}{4}$ x 18 $\frac{1}{4}$ x 18 in\$375

VM-1 2-Way Center-Channel Speaker

Bass-reflex design with two 5-in poly woofers and one 1-in titanium-dome tweeter. Features 12-dB/oct crossover. Magnetic shielding. Power handling 150 W max; FR 45-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 8 x 18 x 10 $\frac{1}{2}$ in\$699/pr

Model 6.2 2-Way Speaker

Bass-reflex design with 8-in poly woofer and 1-in fabric-dome tweeter. Features 12-dB/oct crossover. Power handling 150 W max; FR 40-20,000 Hz; sens 92 dB; imp 8 ohms. 12 x 19 x 10 $\frac{1}{2}$ in\$595/pr

Model 6.2 2-Way Bookshelf Speaker

Bass-reflex design with 6 $\frac{1}{2}$ -in poly woofer and 1-in fluid-cooled textile-dome tweeter. Features 12-dB/oct crossover. Power handling 150 W max; FR 49-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. 10 x 16 x 8 in\$495/pr

SS-1 2-Way Surround Speaker

Acoustic-suspension design with 5 $\frac{1}{4}$ -in poly woofer and 1-in dome tweeter. Timbre matched to VM-1 and VM-2. Power handling 75 W max; crossover point 3,500 Hz; FR 70-20,000 Hz; sens 90 dB SPL/W/m; imp 6 ohms. 10 lb\$429/pr

SUB-10 Subwoofer

Bass-reflex design with 10-in dual-voice-coil poly driver. Features 4- or 8-ohm high-pass filters; 6- and 12-dB/oct filter slopes. Power handling 150 W max; FR 45-125 Hz; sens 89 dB SPL/W/m; imp 8 ohms. 14 x 14 x 14 in\$375

STEREOSTONE

The following are camouflaged as rocks and feature a 5-year enclosure warranty and a 2-year driver warranty. Each is available with an optional 25-V or 70-V line transformer.

Stereo Stone Fountain 2-Way Outdoor Speaker

Two 8 in poly woofers, two $\frac{3}{4}$ -in dome tweeters. Includes 110-V water pump. Power handling 100 W; FR 38-20,000 Hz \pm 3 dB; sens 91 dB; imp 8 ohms. 22 x 19 x 20 in; 60 lb\$650

Stereo Rock 2-Way Outdoor Speaker

Two 8 in poly woofers, two $\frac{3}{4}$ -in dome tweeters. Power handling 100 W; FR 38-20,000 Hz \pm 3 dB; sens 91 dB; imp 8 ohms. 11 x 19 x 20 in; 55 lb\$650

Stereo Stone 2-Way Outdoor Speaker

Two 8-in poly woofers, two $\frac{3}{4}$ -in dome tweeters. Power handling 100 W; FR 38-20,000 Hz \pm 3 dB; sens 91 dB; imp 8 ohms. 22 x 19 x 20 in; 55 lb\$650

Stereo Sub-Rock Outdoor Subwoofer

Two 10-in drivers. Dual inputs with dual low-pass filters. Power handling 250 W rms. 22 x 20 x 22 in; 55 lb\$595

S P E A K E R S

Corner Stone 2-Way Outdoor Speaker

8-in poly woofer, 3/4-in dome tweeter. Power handling 100 W; FR 38-20,000 Hz ± 3 dB; sens 91 dB; imp 8 ohms. 19 x 11 x 15 in; 39 lb\$430

Omni Stone 2-Way Outdoor Speaker

8-in poly woofer, 3/4-in dome tweeter. Power handling 100 W; FR 38-20,000 Hz ± 3 dB; sens 91 dB; imp 8 ohms. 19 x 17 x 12 in; 35 lb\$400

Sierra Stone 2-Way Outdoor Speaker

6 1/2-in poly woofer, 1/2-in dome tweeter. Power handling 100 W; FR 55-20,000 Hz ± 3 dB; sens 89 dB; imp 8 ohms. 15 x 11 x 11 in; 22 lb\$300

Classic Stone 2-Way Outdoor Speaker

6 1/2-in poly woofer, 1/2-in dome tweeter. Power handling 100 W; FR 55-20,000 Hz ± 3 dB; sens 89 dB; imp 8 ohms. 19 x 10 x 12 in; 30 lb\$300

Sierra Jr. 2-Way Outdoor Speaker

6 1/2-in poly woofer, 1/2-in tweeter. Power handling 75 W; FR 70-20,000 Hz ± 3 dB; sens 89 dB; imp 8 ohms. 1-yr speaker warranty. 15 x 11 x 11 in; 22 lb\$150

Yosemite Stone 2-Way Outdoor Speaker

8-in poly woofer, 3/4-in dome tweeter. Power handling 100 W; FR 38-20,000 Hz ± 3 dB; sens 91 dB; imp 8 ohms. 19 x 15 x 12 in; 39 lb\$130

TADDEO

Milestone 2-Way Speaker

6 1/2-in woofer, 3/4-in soft-dome tweeter. Features patented transmission-line enclosure. Crossover point 3,700 Hz; FR 40-25,000 Hz; sens 87 dB. 6 3/4 x 5 8 x 17 1/2 in; 60 lb\$1,995/pr

TANNOY

Prestige Series

The following feature dual-concentric drivers with integral tweeters, 6-dB-per-octave adjustable biwireable crossovers, and real wood veneer finishes.

Westminster Royal 2-Way Speaker

Compound horn enclosure. Features birch ply construction. Power handling 500 W max; FR 18-22,000 Hz; sens 99 dB; imp 8 ohms. 55 x 39 x 22 in; 339 lb\$30,000/pr

Westminster TW 2-Way Speaker

Compound horn enclosure with 15-in woofer and 1 1/4-in tweeter. Power handling 520 W max; FR 18-25,000 Hz; sens 99 dB; imp 8 ohms. 55 x 39 x 22 in; 255 lb\$12,500/pr

GRF Memory TW 2-Way Speaker

15-in woofer, 1 1/4-in tweeter. Features quadruple-ducted port system. Power handling 520 W max; FR 29-25,000 Hz; sens 95 dB; imp 8 ohms. 43 x 32 x 19 in; 255 lb\$7,500/pr

Edinburgh TW 2-Way Speaker

12-in woofer, 1 1/4-in tweeter. Features distributed port-reflex enclosure. Power handling 380 W max; FR 30-25,000 Hz; sens 95 dB; imp 8 ohms. 40 x 26 x 17 in; 97 lb\$6,500/pr

Sterling TW 2-Way Speaker

10-in woofer, 1-in tweeter. Features dual variable-distributed port system. Power handling 250 W max; FR 35-25,000 Hz; sens 93 dB; imp 8 ohms. 27 1/2 x 19 x 12 in; 48 lb\$5,000/pr

High Definition Series

The following feature heavily braced Medite cabinets with real wood veneers and dual-concentric drivers.

D-700 3-Way Speaker

10-in woofer and 10-in dual-concentric driver. Features twin-ducted port reflex enclosure. Power handling 300 W max; FR 35-30,000 Hz; sens 93 dB; imp 6 ohms. Rosewood finish. 39 x 15 x 14 in; 90 lb\$5,500/pr
Black or walnut finish\$5,000/pr

D-500 3-Way Speaker

Resistively-ported double-chamber coupled-reflex enclosure with 8-in woofer and 1-in tweeter mounted in second 8-in woofer. Power handling 265 W max; FR 40-30,000 Hz; sens 89 dB; imp 6 ohms. Rosewood finish. 37 x 12 x 13 1/2 in; 62 lb\$4,400/pr
Black or walnut finish\$4,000/pr

D-100 2-Way Bookshelf Speaker

Resistively-damped reflex enclosure with 6-in woofer and 1-in tweeter. Power handling 200 W max; FR 45-30,000 Hz; sens 89 dB; imp 8 ohms. 14 x 10 x 9 in; 15 lb\$1,800/pr

Definition Series

The following feature injection-molded driver cones and hard-wired crossovers with biwired terminals. Models D60, D70, and D80 feature dual-concentric drivers. Models D20 and D30 feature discrete aluminum tweeters.

D80 3-Way Speaker

Resistively-ported double-chamber coupled-reflex enclosure. Power handling 300 W max; FR 40-30,000 Hz; sens 92 dB; imp 6 ohms. 36 x 11 x 10 in; 41 lb\$1,800/pr

D70 3-Way Speaker

Sealed design with 8-in woofer and 8-in dual-concentric driver. Power handling 300 W max; FR 45-30,000 Hz; sens 91 dB; imp 6 ohms. 11 x 32 x 10 in; 37 lb\$1,400/pr

D60 3-Way Speaker

6 1/2-in woofer, 6 1/2-in woofer with 1-in aluminum tweeter mounted in dual-concentric configuration. Power handling 250 W max; FR 50-30,000 Hz; sens 90 dB; imp 6 ohms. 28 x 11 x 9 in; 24 lb\$1,100/pr

D30 3-Way Speaker

6 1/2-in woofer, 6 1/2" midrange, 1-in tweeter. Features sealed enclosure. Power handling 200 W max; FR 50-30,000 Hz; sens 89 dB; imp 8 ohms. 28 x 11 x 9 in; 24 lb\$900/pr

D5R Surround Speaker

5-in ICT driver. Includes mounting bracket. Power handling 100 W max; FR 100-20,000 Hz; sens 89 dB; imp 6 ohms. 7 1/2 x 12 1/2 x 4 in; 6.5 lb\$460/pr

D20 2-Way Bookshelf Speaker

6 1/2-in woofer, 1-in tweeter. Features ducted-port enclosure. Power handling 150 W max; FR 55-30,000 Hz; sens 87 dB; imp 8 ohms. 16 x 11 x 9 in; 15 lb\$450/pr

D6C 2-Way Center-Channel Speaker

Dual-concentric design with 6 1/2-in driver and 1-in tweeter. Magnetic shielding to 2 gauss. Power handling 200 W max; FR 62-30,000 Hz; sens 89 dB; imp 8 ohms. 11 x 9 1/2 x 8 3/4 in; 20 lb\$450

D-10 2-Way Bookshelf Speaker

Ducted-port design with 5-in woofer and 1-in tweeter. Power handling 120 W max; FR 60-30,000 Hz; sens 87 dB; imp 6 ohms. 7 1/2 x 13 1/2 x 6 1/4 in; 6.5 lb\$350/pr

D5C-ICT 2-Way Center-Channel Speaker

5-in woofer, 1-in tweeter. Features point-source shielding for each driver. Power handling 100 W max; FR 75-20,000 Hz; sens 89 dB; imp 6 ohms. 12 3/4 x 7 1/2 x 6 1/4 in; 7 lb\$230

C Series

The following feature polypropylene woofers and liquid-cooled fabric-dome tweeters. All, except C-5, feature a rear-firing port.

C-88 2-Way Speaker

Two 8-in woofers, one 1-in tweeter. Power handling 175 W max; FR 35-20,000 Hz; sens 93 dB; imp 6 ohms. 35 x 11 x 14 in; 45 lb\$799/pr

C-10 2-Way Speaker

10-in woofer, 1-in tweeter. Power handling 175 W

max; FR 38-20,000 Hz; sens 91 dB; imp 6 ohms. 24 x 12 x 10 in; 27 lb\$499/pr

C-8 2-Way Speaker

8-in woofer, 1-in tweeter. Power handling 120 W max; FR 45-20,000 Hz; sens 90 dB; imp 6 ohms. 19 x 10 x 8 in; 18 lb\$399/pr

Arena SW Powered Subwoofer

Two 6 1/2-in drivers; amp rated at 100 W. FR 30-120,000 Hz; sens 92 dB; imp 6 ohms. 19 1/4 x 11 x 10 in; 26.5 lb\$359

C-6 2-Way Bookshelf Speaker

6 1/2-in woofer, 3/4-in tweeter. Power handling 100 W max; FR 50-20,000 Hz; sens 88 dB; imp 6 ohms. 14 x 8 x 8 in; 10 lb\$299/pr

C-5 2-Way Bookshelf Speaker

5-in woofer, 3/4-in tweeter. Power handling 75 W max; FR 58-20,000 Hz; sens 87 dB; imp 6 ohms. 12 x 7 x 7 in; 9 lb\$249/pr

Arena HF 2-Way Bookshelf Speaker

5-in ICT driver. Magnetic shielding. Power handling 70 W max; FR 70-20,000 Hz; sens 86 dB; imp 6 ohms. 9 x 7 x 5 1/2 in\$249/pr

CMS Series

The following are baffle-mounted ceiling speakers designed for permanent installation. Square or round grilles are optional.

CMS-6-TDC8 2-Way Ceiling Speaker

6 1/2-in dual-concentric driver. Power handling 175 W max; FR 50-20,000 Hz; sens 91 dB; imp 8 ohms. Mounting diameter 13 1/2 in. Mounting depth 9 1/2 in\$334

CMS-65-ICT4 Ceiling Speaker

6 1/2-in ICT driver. Power handling 100 W max; FR 60-20,000 Hz; sens 89 dB; imp 4 ohms. Mounting diameter 3 1/2 in. Mounting depth 9 1/2 in\$174

TC AUDIO

The following, except ASUB-10, are available in an oak-veneer, black, or custom finish.

TC-255.2 2-Way Speaker

Thiele-Small-aligned hexagonal-shaped column design with two 5 1/4-in carbon fiber-filled polypropylene woofers and one 1-in ferrofluid-cooled back-chambered soft-dome tweeter. Features tweeter with specially fabricated low-Q back chamber and antidiaphragm felt; polypropylene capacitors; JENA 127-strand pure-copper wiring; glass-fiber internal sound-absorption material; Medite cabinet. Gold 5-way binding posts. Choice of stand optional. Power handling 225 W max; crossover point 2,600 Hz; FR 38-21,500 Hz; imp 4 ohms. Natural oak with walnut trim, black, or custom finish. 8 3/4 x 23 3/4 x 19 1/2 in; 23 lb\$1,000/pr
C-255.2. Center-channel version of above with magnetic shielding. Stands not available. Includes horizontal mounting cradle\$500

TC-288.2 2-Way Speaker

Thiele-Small-aligned hexagonal-shaped column design with two 8-in carbon fiber-filled polypropylene woofers and one 1-in ferrofluid-cooled back-chambered soft-dome tweeter. Features JENA 127-strand pure-copper wiring; polypropylene capacitors. Gold 5-way binding posts. 48-in height\$850

TC-25.2 2-Way Bookshelf Speaker

Thiele-Small-alignment design with 5 1/4-in carbon fiber-filled polypropylene woofer and 1-in ferrofluid-cooled back-chambered soft-dome tweeter. Features Medite cabinet; tweeter with antidiaphragm felt; JENA 127-strand pure-copper wiring; glass-fiber internal sound-absorption material. Gold 5-way binding posts. Choice of stand optional. Power handling 180 W max; crossover point 2,600 Hz; FR 49-21,500 Hz; imp 4 ohms. 7 x 13 x 8 in; 16 lb\$600/pr
TC-25.1. As above, 1/2-in liquid-cooled polymer hard-dome tweeter. Wiring not JENA 127-strand pure cop-

S P E A K E R S

per. Push terminals. Crossover point 2,800 Hz; imp 4 or 8 ohms switchable. 15.5 lb\$370/pr

TC-28.0 2-Way Speaker

Thiele-Small-alignment design with one 8-in carbon fiber-filled polypropylene woofer and one 1-in soft-dome tweeter. Features tweeter with anti-diffraction felt ring; Medite cabinet; Mylar capacitors. Gold 5-way binding posts. Stand optional. Power handling 200 W max; crossover point 2,600 Hz; FR 38-21,500 Hz; imp 8 ohms. 9 1/2 x 19 x 10 1/2 in; 23 lb\$600/pr

SUB-10.0 Subwoofer

Thiele-Small-aligned quasi-slot-loaded design with 10-in down-firing fiber-filled polypropylene dual-voice-coil driver. Features Mylar and electrolytic capacitors; Medite cabinet; glass-fiber internal sound-absorption material. Gold terminals. 4 casters. Power handling 250 W max; crossover point 90 Hz; FR 32-90 Hz; imp 6 ohms. 16 x 18 x 16 in; 40 lb\$450

ASUB-10 In-Wall Subwoofer

Dual-chamber asymmetrically tuned bandpass design with 10-in fiber-filled polypropylene dual-voice-coil driver. Designed to deliver bass through rectangular duct into listening area from attic, stairwell, closet, or sub-floor location. Features low-pass filter; wiring harness that meets CL3 wiring codes. Aluminum angle-mounting bar system; vent trim bezel. Power handling 250 W max; crossover point 90 Hz; FR 33-90 Hz; imp 6 ohms. 11 1/4 x 19 1/2 x 27 1/2 in; 55 lb\$400

CSAT-1.2 2-Way Center-Channel Speaker

Acoustic-suspension design with two 5/4-in carbon fiber-filled polypropylene woofers and one 1-in ferrofluid-cooled soft-dome back-chambered tweeter. Features Medite cabinet; tweeter with antidiaphragm felt; poly and Mylar capacitors. Gold 5-way binding posts. Magnetic shielding. Power handling 225 W max; crossover point 2,600 Hz; FR 90-21,500 Hz; imp 4 or 8 ohms switchable. 6 x 15 1/2 x 7 1/2 in; 13 lb\$380

CSAT-2.1. As above, 1/2-in liquid-cooled polymer hard-dome tweeter. Push terminals. Power handling 180 W max; crossover point 2,800 Hz. 6 1/4 x 9 1/2 x 6 in; 8.5 lb\$200

SAT-2.1 2-Way Bookshelf Speaker

Acoustic-suspension design with 5/4-in carbon fiber-filled polypropylene woofer and 1/2-in liquid-cooled polymer hard-dome tweeter. Features tweeter anti-diffraction felt; Medite cabinet; polypropylene and Mylar capacitors. Push terminals. Stand optional. Power handling 180 W max; crossover point 2,800 Hz; FR 90-21,500 Hz; imp 4 or 8 ohms switchable. 6 1/4 x 9 1/2 x 6 in; 8.5 lb\$350/pr

TDL

Reference Standard M 4-Way Speaker

Dual-transmission-line design with two 1 1/4 x 8 1/4-in biradial long-throw polystyrene glass-fiber woofers, two 5/4-in metal-cone midranges, two 1-in ferrofluid-cooled magnesium-alloy naked metal-dome tweeters, and one 1/2-in ferrofluid-cooled metal-dome supertweeter. Features separate transmission lines for woofers and midranges; separate rear tweeter chambers; coaxial tweeter arrangement; 4-way crossover. Biwire/biamp terminals. Power handling 300 W; crossover points 300, 2,000 and 13,000 Hz; FR 16-35,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Walnut or black-ash finish\$13,000/pr

Monitor 3-Way Speaker

Transmission-line design with 1 1/4 x 8 1/4-in biradial long-throw polystyrene glass-fiber woofer, 5/4-in metal-cone midrange, 1-in ferrofluid-cooled magnesium-alloy naked metal-dome tweeter, and 1/2-in ferrofluid-cooled metal-dome supertweeter. Features rear tweeter chamber; 3-way crossover. Biwire/biamp terminals optional. Power handling 150 W; crossover points 300 and 2,000 Hz; FR 18-20,000

Hz; sens 87 dB SPL/W/m; imp 8 ohms. Walnut or black\$6,500/pr

Studio 1 M 2-Way Speaker

Transmission line design with one 6 1/2-in black anodized-aluminum woofer and one 1-in anodized-aluminum dome tweeter. 2-way, 4th order crossover. Power handling 120 W; crossover point 2,000 Hz; FR 28-20,000 Hz; sens 86 dB SPL/W/m; imp 8 ohms. Black or walnut finish. 9 x 30 x 13 in\$2,000/pr

RTL-4 2-Way Speaker

Reflex transmission-line design with two 8-in polypropylene woofers and one 1-in ferrofluid-cooled soft-dome tweeter in D'Appolito configuration. Features 12-dB/oct crossover. Biwire/biamp terminals. Includes spikes. Power handling 150 W; FR 30-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black-ash or rosewood finish. 37 1/4 x 10 7/8 x 15 in; 50.6 lb\$1,450/pr

RTL-3. As above, 6 1/2-in woofers, 3/4-in tweeter. Power handling 120 W; FR 35-20,000 Hz. 36 x 8 x 15 in; 46.2 lb\$950/pr

RTL-2. As RTL-3, single 9-in woofer. Power handling 80 W; FR 40-20,000 Hz; sens 87 dB SPL/W/m. 29 1/4 x 8 x 8 1/2 in; 26.4 lb\$650/pr

Near Field Monitor 2 2-Way Bookshelf Speaker

Twin reflex-ported design with two 5 1/4-in doped-paper woofers and one 3/4-in ferrofluid-cooled soft-dome tweeter. Features 6-dB/oct crossover with Zobel network. Biwire/biamp terminals. Power handling 100 W; FR 50-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black-ash or rosewood finish. 18 x 7 1/4 x 6 1/2 in; 12.1 lb\$450/pr

As Near Field Monitor 2, except features magnetic shielding\$250

Near Field Monitor. As Near Field Monitor 2, single reflex-ported design with single 5 1/4-in woofer and 1/2-in ferrofluid-cooled cone/dome tweeter. Power handling 60 W; sens 88 dB SPL/W/m. 10 1/4 x 7 1/4 x 6 1/2 in; 6.6 lb\$250/pr

TEAC

SS-250 Center/Surround System

Center-channel speaker with two 3 1/4-in woofers and one 2-in tweeter; two surround speakers, each with one 4-in driver. Features magnetic center-channel shielding. Power handling 100 W center, 60 W surround; FR 80-20,000 Hz center, 80-18,000 Hz surround; sens 88 dB center, 80 dB surround; imp 8 ohms center or surround. Ebony center-channel and surround finishes. Center-channel speaker 15 1/4 x 4 1/4 x 5 1/2 in. Each surround speaker 6 1/2 x 7 1/2 x 4 1/2 in\$149

LSC-400 2-Way Center-Channel Speaker

Four 3-in woofers and one 2-in tweeter. Magnetic shielding. Power handling 80 W; FR 80-20,000 Hz; sens 90 dB; imp 8 ohms. Ebony finish. 19 1/4 x 4 1/4 x 7 1/2 in\$129

TECHNICS

SB-FW50 Subwoofer/Satellite System

Subwoofer with four 6 1/2-in drivers; 2 satellites, each with four 3-in cone drivers. Features Helmholtz subwoofer design with 2 ports. Magnetic satellite shielding. Subwoofer 16 1/2 x 9 1/2 x 14 1/2 in. Each satellite 16 1/2 x 5 1/2 x 4 1/2 in\$400

SB-AS60 Powered Subwoofer

Kelton-type design with 6 1/4-in driver; integral amp rated at 100 W into 8 ohms from 20-200 Hz with 1% THD. Features outer cavity housing passive radiator; inner cavity for driver; crossover with selectable 50/200-Hz crossover point. Speaker- and line-level inputs. Phase-reverse switch; overload indicator; volume control\$350

SB-CSS70 Center/Surround System

Center-channel speaker with four 3-in cone drivers; 2 surround speakers, each with two 3-in cone drivers in dipole configuration. Magnetic shielding. Power handling 260 W center channel, 160 W surround. Center

channel 16 1/2 x 5 1/2 x 4 1/2 in. Each surround 9 1/2 x 5 1/2 x 4 1/2 in\$200

RP-SP120 Powered Mini Speaker System

2 speakers, each with 3 1/2-in driver; amp rated at 5 W x 2. Dynamic tone boost circuitry. Operates on 6 c batteries or included AC adaptor\$196

SB-LX70 3-Way Speaker

Bass-reflex design with 12-in woofer, 4-in cone midrange, and 2 1/2-in cone tweeter. Features rounded baffle edges. Power handling 200 W. 15 x 27 1/2 x 10 1/2 in\$170/pr

SB-LX50 3-Way Speaker

Bass-reflex design with 10-in woofer, 4-in cone midrange, and 2 1/2-in cone tweeter. Features rounded baffle edges. Power handling 140 W. 13 1/2 x 24 1/2 x 10 1/2 in\$140/pr

SB-LV305 2-Way Speaker

Bass-reflex design with 10-in woofer and 2 1/2-in cone tweeter. Features rounded baffle edges. Magnetic shielding. Power handling 140 W. 12 1/2 x 23 1/2 x 10 1/2 in\$130/pr

SB-CSS40 Center/Surround System

Center-channel speaker with two 3-inch cone drivers in dipole configuration; 2 surround speakers, each with one 3-in cone driver. Magnetic center-channel shielding. Power handling 160 W center channel. Center channel 9 1/2 x 5 1/2 x 4 1/2 in. Each surround 4 1/2 x 4 1/2 x 4 1/2 in\$120

SB-LX90 3-Way Speaker

Bass-reflex design with 15-in woofer, 4-in cone midrange, and 2 1/2-in cone tweeter. Features rounded baffle edges. Power handling 200 W. 18 1/2 x 32 1/2 x 12 1/2 in\$120

SB-LX30 2-Way Speaker

Bass-reflex design with 10-in woofer and 2 1/2-in cone tweeter. Features rounded baffle edges. Power handling 140 W. 12 1/2 x 23 1/2 x 10 1/2 in\$120/pr

SB-LX10 2-Way Bookshelf Speaker

Bass-reflex design with 6 1/4-in woofer and 2 1/2-in cone tweeter. Features rounded baffle edges. Power handling 120 W. 9 1/2 x 15 x 8 1/2 in\$100/pr

TERPSICHORE

Van Arsdale 3-Way Speaker

8-in Eton honeycomb Nomex/Kevlar woofer, 4-in Eton midrange, 1-in titanium tweeter. Features laser-matched drivers; concrete-lined transmission-line midrange enclosure. Triwire/triamp terminals. Power handling 250 W; FR 32-20,000 Hz ±2 dB. Various finishes. 17 x 42 x 16 in; 180 lb\$3,500/pr

Big Boy Powered Subwoofer

Transmission-line design with 15-in driver; 240-W mono amp. Features 24-dB/oct active crossover. Gain controls. Available in custom finish\$2,700

Landes Monitor 2-Way Bookshelf Speaker

7 1/2-in Focal dual-voice-coil Kevlar woofer, Pioneer ribbon tweeter. Features 6-dB/oct woofer crossover; phase-corrected 12-dB/oct tweeter crossover; polypropylene capacitors; Tara Labs wiring. Gold binding posts. Power handling 100 W; FR 45-24,000 Hz. Available in custom wood finish. 8 x 10 x 16 in; 19 lb\$800/pr
Floor-standing version of the above model with sand filling\$900/pr

Model 1 Subwoofer

10-in dual-voice-coil driver. Features folded-horn enclosure. Power handling 150 W; FR 28-1000 Hz. Available in wood finish. 14 x 25 x 16 in\$600

SSS Monitor 2-Way Bookshelf Speaker

5 1/2-in poly woofer, 1-in titanium-dome tweeter. Magnetic shielding. Power handling 70 W; FR 55-20,000 Hz; imp 6 ohms. Available in custom stained-wood finish. 7 x 10 x 12 in; 12 lb\$400/pr

THIEL

The following feature synthesized 6-dB-per-octave crossover networks using polystyrene and polypropylene capacitors and copper air-core inductors. Standard finishes are walnut and black wood. Other finishes are available on special order. All models have a 10-year warranty.

CS5i 5-Way Speaker

Three 8-in Kevlar woofers, one 4½-in midrange, one 2-in metal-dome midrange, one 1-in metal-dome tweeter. Features cast marble/polymer front baffle. FR 25-20,000 Hz ±1 dB; sens 87 dB SPL/W/m; imp 3 ohms. 64 x 13 x 17 in; 180 lb\$12,300/pr

CS7 4-Way Speaker

12-in woofer, 6½-in woofer, coaxially-mounted 3-in midrange, 1-in metal-dome tweeter. Features cast-concrete front baffle. FR 25-20,000 Hz ±1.5 dB; sens 86 SPL/W/m; imp 4 ohms. 55 x 14 x 19 in; 201 lb\$8,900/pr

CS3.6 3-Way Speaker

10-in woofer, 4½-in midrange, 1-in metal-dome tweeter. FR 29-20,000 Hz ±1.5 dB; sens 86 SPL/W/m; imp 4 ohms. 48½ x 12½ x 17 in; 107 lb\$3,900/pr

CS2.2 3-Way Speaker

8-in double-surface air-core diaphragm woofer, 4-in midrange, 1-in metal-dome tweeter. FR 35-20,000 Hz ±2 dB; sens 86 dB SPL/W/m; imp 4 ohms. 42 x 12 x 13 in; 70 lb\$2,750/pr

CS1.5 2-Way Speaker

6½-in woofer and 1-in metal-dome tweeter. Features magnetic shielding. FR 42-22,000 Hz ±3 dB; sens 86 dB SPL/W/m; imp 4 ohms. 33 x 8½ x 11 in; 42 lb\$1,990/pr

CS.5 2-Way Speaker

6½-in treated-paper woofer, 1-in metal-dome tweeter. FR 55-20,000 Hz ±3 dB; sens 87 dB SPL/W/m; imp 4 ohms. 31 x 8 x 11 in; 35 lb\$1,350/pr

SCS2 2-Way Bookshelf Speaker

Coaxial design with 6½-in woofer and 1-in metal-dome tweeter. Magnetic shielding. FR 47-17,000 Hz ±2 dB; sens 85 dB SPL/W/m; imp 4 ohms. 19 x 7½ x 10½ in; 31 lb\$925

TRIAD

InRoom Gold Powered Subwoofer

Push-pull design with two horizontally-opposed 10-in drivers; amp rated 250 W. Features 12-dB/oct low-pass filter variable from 50-180 Hz; servo control. Independent left, center, and right inputs. Center-channel recovery circuit; input-level control; phase control variable from 0° to 180°; auto turn-on. FR 19-180 Hz -3 dB. 19½ x 17¼ x 17½ in\$1,350

InRoom Silver. As above, 8-in drivers. 17¼ x 15½ x 16 in\$1,150

InRoom Gold LCR 2-Way THX Bookshelf Speaker

Sealed design with two 6½-in polypropylene woofers and one 1-in silk-dome tweeter. Features THX certification; tweeter mounted in a dispersion-control lens. Magnetic shielding. Power handling 150 W; FR 80-20,000 Hz; sens 89 dB SPL/W/m; imp 4 ohms. 8½ x 17½ x 8 in\$1,000

InRoom Gold LCR Horizontal. As above, adjustable dispersion control lens with lighted aiming device. 22½ x 7½ x 9 in\$1,000

OnWall Silver On-Wall THX Surround Speaker

Sealed dipole design with two 5½-in polypropylene woofers and two 1-in fabric-dome tweeters. Features THX certification. Mounts on wall. In-wall version available. Power handling 100 W; FR 100-20,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 4 ohms. 13¼ x 13¼ x 5½ in\$1,000

InRoom Bronze Powered Subwoofer

Single 10-in driver; amplifier rated at 150 W. Features 12-dB/oct low-pass filter variable from 50 to

180 Hz; servo control. Independent left, center, and right inputs. Center-channel recovery circuit; Input-level control; phase control variable from 0° to 180°; auto turn-on. FR 19-180 Hz -3 dB. 13¼ x 14¼ x 14 in\$850

InRoom Silver LCR 2-Way Bookshelf Speaker

Sealed design with two 5½-in polypropylene woofers and one 1-in silk-dome tweeter. Features tweeter mounted in a dispersion-control lens. Magnetic shielding. Power handling 125 W; FR 100-20,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 4 ohms. 8½ x 15½ x 7 in\$800

InRoom Gold 2-Way Satellite Speaker

Sealed design with one 6½-in polypropylene woofer and one 1-in silk-dome tweeter. Magnetic shielding optional. Power handling 125 W; FR 72-20,000 Hz; sens 87 dB SPL/W/m; imp 4 ohms. 7¼ x 12¼ x 6¼ in\$425

InRoom Silver 2-Way Satellite Speaker

Sealed design with 5½-in polypropylene woofer and 1-in fabric-dome tweeter. Magnetic shielding optional. Power handling 100 W; FR 100-20,000 Hz ±2 dB; sens 90 dB SPL/W/m; imp 8 ohms. 6½ x 10¼ x 6 in\$350

InRoom Bronze 2-Way Satellite Speaker

Sealed design with 4½-in coated-paper woofer and ¾-in fabric-dome tweeter. Magnetic shielding optional. Power handling 75 W; FR 110-20,000 Hz ±3 dB; sens 89 dB SPL/W/m; imp 4 ohms. 5¼ x 9 x 4½ in\$250

T-TECH

Prestant-I Subwoofer

Two 15-in drivers. Features active crossover. Power handling 200 W; FR 18-125 Hz ±2 dB; sens 92 SPL/W/m. 2-yr warranty. 38½ x 26 x 23½ in; 180 lb\$5,700/pr

Prestant-I 4 ohm. As model above, except with two separately accessible 4-ohm drivers and no crossover\$3,500

EQSUBW-I. Active EQ for use with Prestant-I subwoofer. Designed to provide flat response down to 16 Hz\$250

Positiv-I 3-Way Satellite Speaker

8-in Kevlar-composite woofer, 5-in poly midrange, and 1-in ferrofluid-cooled titanium-composite dome tweeter. Multiple binding posts. Power handling 200 W; FR 60-21,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. 14¼ x 24 x 11¼ in; 50 lb\$1,800/pr

VANDERSTEEN

Model 5 4-Way Powered Speaker

Powered subwoofer section with 12-in dual-motor push-pull long-throw aluminum-cone driver and built-in 400-W amplifier; passive 4-way section with 7-in poly woofer, 4½-in poly-cone midrange, 1-in dual-chamber metal-alloy dome tweeter, and ¾-in metal-alloy dome tweeter. Features 6-dB/oct crossovers. User-adjustable subwoofer Q and room-response compensation. Power handling 200 W; crossover points 100, 600, and 5,000 Hz; FR 22-30,000 Hz; sens 86 dB SPL/W/m; imp 6 ohms. 14 x 42 x 20 in; 140 lb\$8,900/pr

Model 3A 3-Way Speaker

10-in active aluminum-cone acoustic coupler, 8-in poly woofer, 4½-in poly-cone midrange, 1-in ferrofluid-cooled metal-alloy dome tweeter. Power handling 200 W; crossover points 600 and 5,000 Hz; FR 26-30,000 Hz; sens 88 dB SPL/W/m; imp 6 ohms. 16 x 48 x 10¼ in; 102 lb\$2,795/pr

Model 2Ce 3-Way Speaker

10-in active long-fiber acoustic coupler, 8-in poly woofer, 4½-in ferrofluid-cooled midrange, 1-in ferrofluid-cooled metal-alloy tweeter. Power handling 160 W; crossover points 600 and 5,000 Hz; FR 28-29,000 Hz; sens 88 dB SPL/W/m; imp 7 ohms. 16 x 39¼ x 10¼ in; 63 lb\$1,295/pr

Model 2W Powered Subwoofer

Slot-loaded design with three 8-in long-fiber drivers; 300-W amp. Features feed-forward error correction; 6-dB/oct crossover. Adjustable sens to match main speakers with efficiency ratings of 82-94 dB. Crossover point 80 Hz; FR 24-80 Hz. 18½ x 18 x 17 in; 91 lb\$1,250

VSM-1 2-Way On-Wall Speaker

Coaxial design with 6½-in poly woofer and 1-in fabric-dome tweeter. Features MDF enclosure. Magnetic shielding. Crossover point 3,500 Hz; FR 60-21,000 ±3 dB; imp 8 ohms. 1-yr warranty. 12¼ x 23¾ x 5 in\$795/pr

Model 1B 2-Way Speaker

Rear slot-loaded design with 8-in poly woofer and 1-in metal-alloy polymer-dome tweeter. Power handling 100 W; crossover point 2,800 Hz; FR 38-20,000 Hz; sens 90 dB SPL/W/m; imp 6.8 ohms. 12 x 36 x 10 in; 50 lb\$650/pr

VCC-1 2-Way Center-Channel Speaker

Coaxial design with 6½-in poly woofer and 1-in critically-damped fabric-dome tweeter. Features 6-dB/oct crossover. Proximity switch to compensate for boundary effects. Power handling 200 W; crossover point 3,500 Hz; FR 150-21,000 Hz proximity switch on, 300-21,000 Hz proximity switch off; sens 86 dB SPL/W/m; imp 5 ohms. 12¼ x 9¼ x 10¼ in; 29 lb\$495

VECTOR RESEARCH

VRP-375 Proline Subwoofer/Satellite System

Subwoofer with 8-in down-firing driver; two satellites, each with 3½-in woofer and 2½-in cone tweeter. Swiveling enclosures. Includes wall-mount brackets. FR 28-20 Hz ±3 subwoofer; imp 6 ohms\$900

VRP-575. As above, 10-in subwoofer driver. imp 8 ohms\$1,100

VRP-400 Center/Surround System

Center-channel speaker with two 4-in woofers and one 1½-in dome tweeter; two surround speakers, each with 3½-in woofer and 2½-in cone tweeter. Swiveling enclosures. Includes wall-mount brackets. FR 55-20 Hz ±2 center; imp 4 ohms\$800

VELODYNE

ULD-18 THX Powered Subwoofer

Servo design with 18-in down-firing driver; outboard 400-W amp. Features THX certification. FR 16-85 Hz ±3 dB\$2,999

ULD-18 Series II Powered Subwoofer

Servo design with 18-in down-firing driver; outboard 400-W amp. Features adjustable active crossover at 85 Hz. FR 16-85 Hz ±3 dB\$2,750

ULD-15 Series II Powered Subwoofer

Servo design with 15-in down-firing driver; outboard 400-W amp. Features 12-dB/oct adjustable active crossover at 85 Hz. FR 18-85 Hz ±3 dB\$1,895

DF-661 3-Way Speaker

Ported design with 6-in woofer, 6-in midrange, and 1-in tweeter. Power handling 300 W; FR 60-20,000 Hz ±2 dB\$1,799

F-1500R Powered Subwoofer

Servo design with 15-in woofer; 250-W amplifier. Features low-pass filter adjustable from 40 to 100 Hz; high-pass filter at 85 Hz. Line- and speaker-level input and output. Remote control. FR 18-85 Hz ±3 dB\$1,599

ULD-12 Powered Subwoofer

Servo design with 12-in down-firing driver; 100-W amp with outboard controller. Features 12-dB/oct crossover. Line-level input. FR 20-85 Hz ±3 dB\$1,299

F-1200R Powered Subwoofer

Servo design with one 12-in driver; 100-W ampli-

SPEAKERS

er. Features line- and speaker-level input and output. Adjustable low-pass filter from 40-100 Hz; high-pass filter at 85 Hz. Remote control. FR 20-85 Hz ± 3 dB\$1,199
F-1200X. As above, without remote control\$1,099

VA-1215X Powered Subwoofer

Passive-radiator design with 12-in driver and 15-in passive radiator; 200-W amp. Features low-pass filter adjustable from 40-120 Hz. Line- and speaker-level inputs and outputs. Crossover bypass; auto turn-on/off. FR 22-120 Hz ± 3 dB\$999

F-1000X Powered Subwoofer

Servo design with 10-in driver; 80-W amp. Features adjustable low-pass filter from 40-100 Hz; high-pass filter at 85 Hz. Line- and speaker-level input and output. FR 20-85 Hz ± 3 dB\$899

VA-1012X Powered Subwoofer

Passive-radiator design with 10-in driver and 12-in passive radiator; 60-W amp. Features gain-compressor circuit; 6-dB/oct passive crossover at 85 Hz. Line- and speaker-level input and output. FR 28-85 Hz ± 3 dB\$749

LD-3C 2-Way Center-Channel Speaker

Sealed design with two 6-in aluminum woofers and one 1-in aluminum tweeter. FR 80-20,000 Hz ± 3 dB\$649

VA-810X Powered Subwoofer

Passive-radiator design with 8-in driver and 10-in passive radiator; 50-W amp. Features gain-compressor circuit; 6-dB/oct passive crossover at 85 Hz. Line- and speaker-level input and output. FR 35-85 Hz ± 3 dB\$599

LD-2 2-Way Speaker

Sealed design with one 6-in aluminum woofer and one 1-in aluminum tweeter. FR 80-20,000 Hz ± 3 dB\$399

VMPS

FF-1 3-Way Speaker

Three 12-in Focused Field Array woven-carbon fiber woofers, two 5-in midranges, two 1-in dome tweeters, and one 1-in ribbon supertweeter. 68 x 15 x 18 in; 35 lb\$6,800/pr

Super Tower/R Special Edition 3-Way Speaker

Two 15-in and one 10-in woven-carbon woofers, two 5-in woven-carbon cone midranges, two 1-in Focal dome tweeters, and one 2-in ribbon supertweeter. Bi-wire/biamp terminals. 100 lb\$3,400/pr
 Kit version\$2,800/pr

Tower II Special Edition 3-Way Speaker

Three 12-in woven carbon-fiber woofers, one 5-in cone midrange, one 1-in Focal dome tweeter, and one 2-in ribbon supertweeter. 15 x 45 x 16 in; 105 lb\$1,876/pr
 Kit version\$1,476/pr

Tower II 3-Way Speaker

Three 12-in poly woofers, one 5-in poly-cone midrange, one 1-in dome tweeter, and one 1-in piezo or ribbon supertweeter. Biwire/biamp terminals. Light oak, dark oak, or satin black finish. 15 x 43 x 16 in; 105 lb\$649
 Kit version\$499

Larger Subwoofer

Dual 12- and 15-in drivers. Crossovers optional. FR 17-250 Hz ± 3 dB. Oak or walnut veneer finish. 39 x 21 x 17 in; 150 lb\$649
 Kit version\$529
 Crossover\$45

MiniTower IIa 3-Way Speaker

Two 10-in woven carbon-fiber woofers, one 5-in poly-cone midrange, two 1-in dome tweeters, and one piezo or ribbon supertweeter. Light oak, dark oak, or satin black finish. 12 x 35 x 16 in; 80 lb\$479
 Kit version\$379

Original Subwoofer

Dual 12- and 15- in drivers. Features single or dual voice coils. Crossovers optional. FR 19-600 Hz ± 3 dB. Oak or walnut veneer finish. 27 x 21 x 17 in; 100 lb\$459
 Kit version\$379
 Crossover\$45

QSO-808 3-Way Speaker

12-in woofer, 5-in poly-cone midrange, 1-in dome tweeter. Light or dark oak finish. 26 x 15 x 11 in; 55 lb\$379
 Kit version\$299

QSO-626 Speaker

Dual 6½-in drivers. Magnetic shielding. FR 42-18,000 Hz +0, -3 dB. Oak veneer finish. 22 x 9 x 13 in; 35 lb\$349
 Kit version\$289

WATERWORKS ACOUSTICS

Soundpipe Two 2-Way Outdoor Speaker

Two 5-in poly-cone woofers, one ¾-in tweeter. Looks like a water pipe. Mounting pipes and flanges for deck mounting available. Power handling 100 W rms; FR 80-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 4 ohms. Black or white. 6 x 21½ x 8½ in\$699/pr

Soundpipe One. As above, single woofer, ½-in tweeter. Power handling 50 W rms; sens 88 dB SPL/W/m; imp 8 ohms. 6 x 13 x 8½ in\$399/pr
Stand. PVC plastic column; steel base\$199/pr
Score Mount. Provides finished look for wall-mounted Soundpipe\$89/pr
Animal Grille. To protect Soundpipe speaker from environment\$89/pr
Bracket. To place Soundpipe One speaker on flat surface\$49/pr

Soundrock 2-Way Outdoor Speaker

One 8-in dual-voice-coil woofer, two ½-in tweeters. Looks like a rock. Features fiberglass housing. Mono or stereo configuration. Includes 50-ft cable for underground wiring. Power handling 100 W rms; FR 40-20,000 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 8 ohms/channel. Brown or gray variegated finish. 3-yr limited warranty. 21 x 16 x 26 in; 25 lb\$599

Soundpipe Sub Outdoor Subwoofer

10-in dual-voice-coil poly-cone driver. Black or white. Power handling 100 W rms; FR 30-100 Hz ± 3 dB; sens 90 dB SPL/W/m; imp 4 ohms. 16-in diameter x 18-in height\$599

Soundscaper 2-Way Outdoor Speaker

Omnidirectional design with one 4-in poly-cone woofer and four ½-in tweeters. Designed for placement in garden. Features plastic housing. Removable base for wiring and installation. Power handling 100 W; FR 80-20,000 Hz ± 3 dB. sens 84 dB SPL/W/m; imp 8 ohms. Black or green; custom finish available. 3-yr limited warranty. 9-in diameter x 15½-in height; 7 lb\$299
 6 x 36-in bollard mounting pipe for above\$59

WAVEFORM

Mach 13 Subwoofer/Satellite System

Subwoofer with 15-in driver; Monolith speaker system with two linear 6½-in cone midranges and one 1½-in silk-dome tweeter. Features Bryston active crossover, balanced or unbalanced; high-frequency contour. Power handling 500 W max; sens 94 dB SPL/W/m; imp 8 ohms\$10,500

WESTLAKE AUDIO

SM-1VF 5-Way Speaker

Two 18-in woofers, one 12-in midbass, one 4-in horn-loaded compression midrange, one 2-in horn-loaded compression tweeter, and one ½-in compression supertweeter. Power handling 400 W woofer, 20 W supertweeter; FR 20-20,000 Hz ± 3 dB; sens 101 dB; imp 4 ohms. 56¼ x 41¼ x 28 in; 875 lb. Biamp configuration with MRX-2 active crossover\$73,830/pr
 Quadamp configuration with SM-1X active

crossover\$79,180/pr
 Pentamp configuration with MRX-2 and SM-1X active crossover\$84,530/pr

HR-1VF 4-Way Speaker

Two 15-in woofers, one 10-in midbass, one 4-in horn-loaded compression midrange, and one 2-in horn-loaded compression tweeter. Power handling 300 W woofer. 35 W supertweeter; FR 34-16,000 Hz ± 3 dB; sens 99 dB; imp 4 ohms. 48 x 34 x 21 in; 375 lb. Biamp configuration with MRX-2 active crossover\$34,320/pr
 Quadamp configuration with HR-7X active crossover\$38,520/pr

HR-7VF 4-Way Speaker

Two 12-in woofers, one 10-in midbass, one 2-in horn-loaded compression midrange, and one ½-in compression tweeter. Power handling 200 W woofer, 20 W supertweeter; FR 48-20,000 Hz ± 3 dB; sens 97 dB; imp 4 ohms. 48 x 34 x 21 in; 375 lb. Biamp configuration with MRX-2 active crossover\$28,355/pr
 Quadamp configuration with HR-7X active crossover\$31,030/pr

TM-3VF 3-Way Speaker

Two 15-in woofers, one 4-in horn-loaded compression midrange, and one 2-in horn-loaded compression tweeter. Power handling 300 W woofer, 35 W tweeter; FR 34-16,000 Hz ± 3 dB; sens 99 dB; imp 4 ohms. 44 x 34 x 21 in; 370 lb. Single amp configuration\$27,820/pr
 Biamp configuration with MRX-2 active crossover\$31,030/pr

Lc6.75 2-Way Bookshelf Speaker

6½-in polypropylene woofer and ¾-in coated cloth-dome tweeter. Power handling 80 W max; FR 60-18,000 Hz ± 3 dB; sens 87.5 dB; imp 7 ohms. Satin walnut or satin black finish. 16 x 8 x 10½ in; 21 lb\$1,390/pr

Tower Series

Tower SM-1 5-Way Speaker

Two 18-in woofers, one 12-in midbass, one 4-in horn-loaded compression midrange, one 2-in horn-loaded compression tweeter, and one ½-in compression supertweeter. Power handling 400 W woofer, 20 W supertweeter; FR 20-20,000 Hz ± 3 dB; sens 101 dB; imp 4 ohms. Standard satin walnut, oak, or black finish. 75 x 40 x 29½ in; 975 lb. Biamp configuration with MRX-2 active crossover\$84,530/pr
 Quadamp configuration with SM-1X active crossover\$95,230/pr
 Pentamp configuration with MRX-2 and SM-1X active crossover\$101,222/pr

Tower-12 2-Way Speaker

Two 12-in woofers, one 2-in horn-loaded compression tweeter. Biwire/biamp terminals. Power handling 180 W woofer, 30 W supertweeter; FR 38-19,000 Hz ± 3 dB; sens 92 dB; imp 4 ohms. Walnut, oak, or black satin finish standard; other finishes available. 45 x 16 x 13 in; 95 lb\$21,400/pr
 Biamp configuration with MRX-2 active crossover\$27,392/pr

BBSM-F Series

The following feature cone midranges and impregnated textile soft-dome tweeters in a horizontal array and biwire/biamp terminals. Each is available in a walnut satin or black satin finish. Other finishes are also available.

BBSM-15F 3-Way Speaker

Two 15-in woofers, one 10-in midrange, and one 2-in horn-loaded compression tweeter. Power handling 300 W woofer, 30 W tweeter; FR 50-15,000 Hz ± 3 dB; sens 99 dB; imp 4 ohms. 27¼ x 41 x 25 in; 465 lb\$18,190/pr

BBSM-12F 3-Way Speaker

Two 12-in woofers, one 6½-in midrange, and one 1¼-in tweeter. Power handling 180 W woofer, 50 W tweeter; FR 50-16,000 Hz ± 3 dB; sens 97 dB; imp 4 ohms. 19 x 34 x 23 in; 220 lb\$9,630/pr

BBSM-10F 3-Way Speaker

Two 10-in woofers, one 6½-in midrange, and one 1¼-in tweeter. Power handling 120 W woofer, 50 W tweeter; FR 50-16,000 Hz ±3 dB; sens 95 dB; imp 4 ohms. 16 x 30 x 21½ in; 150 lb\$6,420/pr

BBSM-8F 3-Way Speaker

Two 8-in woofers, one 3½-in midrange, one 1-in tweeter. Power handling 100 W woofer, 30 W tweeter; FR 65-18,000 Hz ±3 dB; sens 93 dB; imp 4 ohms. 13 x 26 x 16½ in; 105 lb\$5,350/pr

BBSM-6F 3-Way Speaker

Two 6½-in woofers, one 3½-in midrange, one 1-in tweeter. Power handling 60 W woofer, 50 W tweeter; FR 60-20,000 Hz ±3 dB; sens 91 dB; imp 4 ohms. 10½ x 22 x 13 in; 67 lb\$4,280/pr

BBSM-4F 2-Way Bookshelf Speaker

Two 4-in woofers and one ¾-in tweeter. Power handling 50 W woofer, 25 W tweeter; FR 65-20,000 Hz ±3 dB; sens 89 dB; imp 4 ohms. 8 x 15 x 10 in; 31 lb\$2,675/pr

BBSM-VNF Series

The following feature cone midranges and impregnated textile soft-dome tweeters in a vertical array and biwire/biamp terminals. Each is available in a walnut satin or black satin finish. Other finishes are also available.

BBSM-12VNF 3-Way Speaker

Two 12-in woofers, one 6½-in midrange, one 1-in dome tweeter. Power handling 180 W woofer, 50 W tweeter; FR 38-16,000 Hz ±3 dB; sensitivity 96 dB; impedance 4 ohms. 47½ x 17 x 21½ in; 230 lb\$10,165/pr

BBSM-10VNF 3-Way Speaker

Two 10-in woofers, one 6½-in midrange, one 1¼-in dome tweeter. Power handling 120 W woofer, 50 W tweeter; FR 40-16,000 Hz ±3 dB; sens 95 dB; imp 4 ohms. 46 x 14½ x 19½ in; 165 lb\$6,955/pr

BBSM-8VNF 3-Way Speaker

Two 8-in woofers, one 3½-in midrange, one 1-in dome tweeter. Power handling 100 W woofer, 30 W tweeter; FR 42-18,000 Hz ±3 dB; sens 93 dB; imp 4 ohms. 12 x 42¼ x 16½ in; 120 lb\$5,885/pr

BBSM-6VNF 3-Way Speaker

Two 6½-in woofers, one 3½-in midrange, one 1-in dome tweeter. Power handling 80 W woofer, 30 W tweeter; FR 44-18,000 Hz ±3 dB; sens 91 dB; imp 4 ohms. 9¼ x 41¼ x 14 in; 85 lb\$4,815/pr

BBSM-5VNF 2-Way Speaker

Two 5-in woofers, one 1¼-in dome tweeter. Includes pedestal. Power handling 60 W woofer, 30 W tweeter; FR 58-18,000 Hz ±3 dB; sens 90 dB; imp 4 ohms. 7½ x 41¼ x 12 in; 70 lb\$3,745/pr

BBSM-4VNF 2-Way Speaker

Two 4-in woofers, one ¾-in dome tweeter. Includes pedestal. Power handling 50 W woofer, 25 W tweeter; FR 60-20,000 Hz ±3 dB; sens 89 dB; imp 4 ohms. 6¼ x 39¼ x 11 in; 65 lb\$3,531/pr

Concert Series

The following feature cone midranges and impregnated textile soft-dome tweeters in a vertical array and biwire/biamp terminals. Each is available in walnut satin or black satin finish. Other finishes are also available.

C-12 3-Way Speaker

12-in woofer, 6½-in midrange, ¾-in dome tweeter. Power handling 90 W woofer, 30 W tweeter; FR 38-19,000 Hz; sens 92 dB; imp 4 ohms. 16 x 45 x 13 in; 95 lb\$5,350/pr

C-10 3-Way Speaker

10-in woofer, 3½-in midrange, ¾-in dome tweeter. Power handling 60 W woofer, 30 W tweeter; FR 40-19,000 Hz; sens 90 dB; imp 4 ohms. 13½ x 43 x 12 in; 70 lb\$4,013/pr

C-8 3-Way Speaker

8-in woofer, 3½-in midrange, ¾-in dome tweeter. Power handling 50 W woofer, 30 W tweeter; FR 42-19,000 Hz; sens 88 dB; imp 4 ohms. 11 x 41½ x 10 in; 50 lb\$3,478/pr

C-6 2-Way Speaker

6-in woofer, ¾-in dome tweeter. Power handling 30 W; FR 44-20,000 Hz; sens 86 dB; imp 6 ohms. 9 x 39½ x 11 in; 45 lb\$2,354/pr

WHARFEDALE**Model Seven 3-Way Speaker**

Ported-reflex design with 7-in long-throw woofer, 7-in long-throw midrange, and ¾-in ferrofluid-cooled soft-dome tweeter. Features 2-pole high-frequency network; asymmetric low-frequency network; molded mineral-loaded polypropylene baffle; damping with fire-retardant acrylic wadding. 3-way biwire/biamp binding posts. Power handling 125 W; FR 35-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Black-ash finish. 8½ x 32½ x 11¼ in; 25.3 lb\$849/pr

Modus One-Three. As above, except with power handling 150 W, FR 30-20,000 Hz. 8½ x 43½ x 11¼ in; 33 lb\$1,099/pr

Valdus 400 3-Way Speaker

Ported-reflex design with 8-in long-throw woofer, 8-in pulp-cone midrange, and 1-in ferrofluid-cooled dome tweeter. Features damping with fire retardant acrylic wadding; ½-in-thick particleboard construction; tweeter fuse; 6-dB/oct networks. 3-way binding posts. Power handling 150 W; FR 40-20,000 Hz; sens 91 dB SPL/W/m; imp 8 ohms. Black-ash finish. 10 x 32 x 10½ in lb\$549/pr

Valdus 500. As above, two woofers. 12-dB/oct networks; gold-plated 3-way binding posts. Power handling 200 W; FR 38-20,000 Hz; imp 4 ohms. 10 x 43¼ x 11½ in; 33 lb\$749/pr

Modus Mini 2-Way Bookshelf Speaker

Passive-radiator bass-aligned design with 4-in woofer and ½-in hard-dome tweeter. Features bass radiator; crossover with air-core chokes; molding in damped mineral-loaded polypropylene; damping with fire-retardant acrylic wadding; time-aligned drivers; rotating tweeter housing. Spring-clip terminals. Illuminated tweeter dome; magnetic shielding. Power handling 75 W; FR 80-20,000 Hz; sens 86 SPL/W/m; imp 8 ohms. Black. 5¼ x 15½ x 4½ in\$399/pr

Modus Sub-Bass Subwoofer

Two 6¾-in long-throw drivers. Features front baffle molded in damped mineral-loaded polypropylene; damping with fire-retardant acrylic wadding; band-pass tuned enclosure. Power handling 100 W/driver; FR 35-120 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Black-ash vinyl finish. 8½ x 19½ x 15½ in\$399

Modus One 2-Way Bookshelf Speaker

Rear-port reflex design with 7-in long-throw woofer and ¾-in ferrofluid-cooled soft-dome tweeter. Features molded mineral-loaded polypropylene baffle; damping with fire-retardant acrylic wadding; 2-pole network with air-cooled inductor. 3-way biwire/biamp binding posts. Power handling 100 W; FR 45-20,000 Hz; sens 89 dB SPL/W/m; imp 8 ohms. Black-ash finish. 8½ x 16¼ x 11¼ in; 13.2 lb\$399/pr

Modus Three. As above, floor standing. 8½ x 25½ x 11¼ in; 20.5 lb\$499/pr

Modus Centre 2-Way Center-Channel Speaker

Rear-port passive-radiator design with 4-in woofer and 4-in full-range driver. Features 4-in bass radiator; molding in damped mineral-loaded polypropylene; damping with fire-retardant acrylic wadding. Spring-clip terminals. Magnetic shielding. Power handling 75 W; FR 80-15,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Black. 5¼ x 19¼ x 4½ in\$299

Modus Micro 2-Way Bookshelf Speaker

Rear-port design with 4-in woofer and ½-in hard-dome tweeter. Features rotating tweeter housing; molding in damped mineral-loaded polypropylene;

damping with fire-retardant acrylic wadding; time-aligned drivers. Spring-clip terminals. Magnetic shielding; illuminated tweeter dome. Stands or wall-mount brackets optional. Power handling 75 W; FR 100-22,000 Hz; sens 86 dB SPL/W/m; imp 8 ohms. Black. 5¼ x 9¼ x 4½ in\$299/pr

Diamond VI 2-Way Bookshelf Speaker

Rear-port reflex design with 5½-in woofer and ¾-in Mylar dome tweeter. Features damping with fire-retardant acrylic wadding; 3-pole network with air-core inductor; ¾-in-thick particleboard enclosure. 3-way binding posts. Power handling 100 W; FR 48-20,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Black-ash finish. 6¼ x 10¼ x 9 in; 7 lb\$249/pr

Modus Cube Bookshelf Speaker

Rear ported-reflex design with 4-in pulp-cone driver. Features molding in damped mineral-loaded polypropylene; damping with fire-retardant acrylic wadding. Magnetic shielding. Power handling 75 W; FR 100-15,000 Hz; sens 87 dB SPL/W/m; imp 8 ohms. Black. 5¼ x 6¾ x 4½ in\$199/pr

Valdus 100 2-Way Bookshelf Speaker

Ported-reflex design with 5-in long-throw woofer and 1-in ferrofluid-cooled dome tweeter. Features damping with fire-retardant acrylic wadding; ½-in-thick particleboard construction; tweeter fuse; 6-dB/oct network with air-core inductor. Spring-clip terminals. Power handling 100 W; FR 58-20,000 Hz; sens 88 dB SPL/W/m; imp 8 ohms. Black-ash finish. 6¼ x 10¼ x 7¼ in; 13.2 lb\$199/pr

Valdus 200. As above, 7-in woofer. FR 48-20,000 Hz; sens 89 dB SPL/W/m; imp 6 ohms. 8½ x 15¼ x 9 in; 16.5 lb\$299/pr

Valdus 300. As above, 8-in woofer. FR 45-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. 10 x 18¼ x 9 in; 20.5 lb\$399/pr

WILSON AUDIO**WAMM Subwoofer/Satellite System**

Two subwoofer towers, each with one 15-in driver; two satellite tower arrays, each with two KEF B-139 reaction-molded polymer flat-piston midbasses, two M-6 midranges, and one electrostatic tweeter. Features fine tuning in time and frequency domains; patented time-domain adjustment for midrange and tweeter through pulse-alignment calibration mechanism made from machine-cut aerospace alloys; final alignment and calibration performed by designer David A. Wilson; midrange modules and baffle machined of solid ceramic and mineral-filled methacrylate polymer; subwoofer with 24-dB/oct Butterworth active crossover and biampification. Includes parametric EQ and satellite-array stands. Power handling 1,700 W; FR 17-30,000 Hz +0, -3 dB; sens 99 dB SPL/W/m; imp 16 ohms subwoofer, 4 ohms satellite. Finish with choice of over 100 wood veneers or hand-rubbed custom-matched painted finishes. 5-yr parts-and-workmanship warranty. Each subwoofer 24 x 78 x 15 in. Each satellite 18¼ x 78 x 31¼ in. 1,500 lb system\$150,000/pr

X-1/Grand Slam 5-Way Speaker

One 15-in subwoofer, one 12-in woofer, two 6½-in midranges, one 1-in titanium inverted-dome tweeter, and two 1-in titanium super tweeters. FR 17.5-27,000 +0, -3 dB; sens 95 dB; imp 8 ohms. 16 x 72 x 25 in; 1,400 lb\$67,500/pr

Pow-WHOW Powered Subwoofer

15-in driver; integral amp rated at 400 W. Designed for use as coffee table. Features active crossover; frequency contour network; remote power supply. Power handling 1,000 W max; crossover point 55 Hz; imp 8 ohms. Choice of 8 standard paint finishes or 4 standard wood finishes with 3 types of solid-granite tops; other finishes available. 30 x 40¼ x 17 in; 412 lb\$13,280

WHOW-U. Above, passive without amp. Solid synthetic granite cabinet. 29½ x 39¾ x 16¼ in ...\$9,950

Watt 5 2-Way Bookshelf Speaker

Ported QB3 design with 7-in woofer and 1-in titani-

um-dome tweeter. Designed for use with the Puppy 5. Features enclosure constructed of mineral and ceramic-filled methacrylate polymer; quasi-third-order Butterworth bass response; crossover with multiple slopes; audio-grade polypropylene capacitors; OFC air-core inductors; time-coherent wiring; components matched to 1% tolerance. FR 55-21,000 Hz ± 3 dB; sens 93 dB SPL/W/m; imp 4 ohms. Medium oak, American walnut, Bolivian rosewood, zebrawood, or black-anodized-metal finish; other automotive-grade and wood side-panel finishes available. 5-yr limited transferable parts-and-workmanship warranty. 12 x 14 x 16 1/2 in; 140 lb\$8,200/pr

Puppy 5 Subwoofer

Rear-firing port design with two 8-in polymer-based drivers. Designed for use with Watt 5. Supplied crossover does not require additional amp or cabling if used with Watt 5. Features asymmetrically cross-partitioned enclosure; adjustable floor spikes. FR 28-125 Hz +0, -3 dB passive mode; sens 93 dB SPL/W/m; imp 4 ohms. Medium oak, American walnut, Bolivian rosewood, zebrawood, or black-anodized-metal finish; other automotive-grade and wood side-panel finishes available. 5-yr limited transferable parts-and-workmanship warranty. 11 1/4 x 24 x 16 in; 190 lb\$6,790/pr

XANTECH

The following feature a separate speaker baffle, bezel, and grille, a recessed baffle area for mounting an optional 480 Dinky Link infrared receiver, a bracketless mounting system, a 2-position tweeter-level control, and a paintable matte-white finish.

S-66 2-Way In-Wall/Ceiling Speaker

6 1/2-in polypropylene woofer, 1-in ferrofluid-cooled soft-dome tweeter. Power handling 150 W max; crossover point 5,000 Hz; FR 55-18,000 Hz -3 dB; sens 89 dB SPL/W/m; imp 8 ohms. 8 7/8 x 11 7/8 x 3 in\$300/pr

S-64 2-Way In-Wall/Ceiling Speaker

6 1/2-in polypropylene woofer, 3/4-in ferrofluid-cooled hard-dome tweeter. Power handling 100 W max; crossover point 5,000 Hz; FR 55-20,000 Hz ± 3 dB; sens 91 dB SPL/W/m; imp 8 ohms. 8 7/8 x 11 7/8 x 3 in\$186/pr

S-62 2-Way In-Wall/Ceiling Speaker

6 1/2-in polypropylene woofer, 2-in cone tweeter. Power handling 70 W max; crossover point 6,600 Hz; FR 60-16,000 Hz ± 4 dB; sens 87 dB SPL/W/m; imp 8 ohms. 8 7/8 x 11 7/8 x 3 in\$120/pr

YAMAHA

YST-SW500 Powered Subwoofer

10-in driver and 3-in air woofer; amp rated at 120 W into 5 ohms. Features Active Servo Technology; variable high-cut filter; 3/4-in cabinet construction. Line- and speaker-level inputs. Magnetic shielding; volume control; power-on/off switch; phase-reverse switch; 3 user presets for volume, high-cut, and phase settings; 2 switchable remote-control codes for multiple units; remote control. FR 20-160 Hz. Charcoal gray. 13 x 17 1/2 x 15 in; 48.5 lb\$849

Tri-Sound A120W Subwoofer/Satellite System

One black YST-SW120 subwoofer; two NS-A325W satellite speakers\$599

Tri-Sound A120. As above, except with NS-A325 satellites\$599

Tri-Sound A60W. As Tri-Sound A120W, except with YST-SW60 subwoofer\$499

Tri-Sound A60. As Tri-Sound A60W, except with NS-A325 satellites\$499

YST-SW200 Powered Subwoofer

Two 7-in spruce-cone drivers; amp rated at 100 W into 5 ohms. Active Servo Technology; continuously variable high-cut filter. Line- and speaker-level inputs; 3-way binding posts. Magnetic shielding; volume control; phase-reverse switch; remote control. Black. 9 3/4 x 23 1/4 x 15 1/2 in; 39.3 lb\$599

NS-A2835 3-Way Speaker

Two 8-in polypropylene woofers, one 4-in polypropylene midrange, one ferrofluid-cooled dome tweeter. Magnetic shielding. Power handling 140 W max; FR 50-20,000 Hz; imp 8 ohms. Black pebble finish. 10 1/2 x 42 x 14 in\$499/pr

YST-SW120 Powered Subwoofer

Two 7-in spruce-cone drivers, 3-in air woofer; amp rated at 70 W into 6 ohms. Features 24-dB/oct high-cut filter variable from 40-140 Hz. Line- and speaker-level inputs; 3-way binding posts. Magnetic shielding; phase-reverse switch; volume control. FR 21-180 Hz. 8 1/2 x 24 1/4 x 16 1/4 in\$499

YST-SW60. As above, one 7-in driver, 2 1/2-in air woofer, amp rated at 50 W into 6 ohms. Filter variable from 50-200 Hz. FR 25-200 Hz. 8 1/4 x 18 3/4 x 14 1/4 in\$329

YST-SS510H Powered Computer Subwoofer/Satellite System

Subwoofer; two satellites; subwoofer amp rated at 25 W into 4 ohms; satellite amp rated at 3 W/ch. Designed for use with multimedia computer. 2 main inputs. Magnetic shielding for all components; adjustable satellite volume; auto subwoofer turn-on/off. Platinum gray\$299

WSX-10 2-Way In-Wall Speaker

6 1/2-in woofer, 1-in tweeter. New-construction bracket available. Power handling 80 W nom; FR 50-25,000 Hz; sens 89 dB SPL/W/m; imp 6 ohms. Paintable white finish. 8 3/4 x 12 3/4 x 3 in\$200

NS-10M 2-Way Bookshelf Speaker

Acoustic-suspension design with one 7-in woofer and one 1 1/2-in soft-dome tweeter. Power handling 50 W; sens 90 dB SPL/W/m; imp 8 ohms. 8 1/2 x 15 x 7 1/2 in\$199

YST-SW20 Powered Subwoofer

Integral amp rated at 25 W into 4 ohms. Features proprietary Active Servo Technology; high-cut filter. Magnetic shielding; auto turn-on/off. 11 x 8 x 11 1/2 in; 15.2 lb\$169

NS-A836 3-Way Bookshelf Speaker

Acoustic-suspension design with one 12-in woofer, one 4-in midrange, and one 1-in tweeter. Features magnetic shielding. Power handling 200 W max; FR 50-20,000 Hz. Micro-pebble black finish. 14 3/4 x 22 3/4 x 14 1/2 in\$150

NS-A636. As above, except with 8-in woofer. Power handling 140 W max; FR 90-20,000 Hz. 10 1/2 x 16 1/4 x 12 1/2 in\$175/pr

NS-A100X 2-Way Bookshelf Speaker

Acoustic-suspension design with 5-in polymer-coated woofer and 1-in tweeter. Magnetic shielding. Power handling 80 W; FR 55-22,000 Hz ± 3 dB; sens 87 dB SPL/W/m. Black. 12 x 8 1/2 x 5 1/2 in\$149

NS-A100XW. As above, white\$149

NS-A526 2-Way Bookshelf Speaker

Acoustic-suspension design with 6-in woofer and 3/4-in ferrofluid-cooled semi-dome tweeter. Power handling 60 W max; FR 95-20,000 Hz. Micro-pebble finish. 8 x 12 x 8 1/2 in\$125/pr

YST-M10H Powered Mini Speaker System

2 speakers, each with 3 1/2-in driver; amp rated at 10 W x 2. Designed for use with personal stereo, game system, keyboard, TV, or computer. Features proprietary Active Servo Technology. Magnetic shielding; presence and volume controls. Gray. Each speaker 3 3/8 x 8 3/4 x 6 1/2 in\$100

YST-M10B. As above, black\$100

NS-A325 2-Way Satellite Speaker

Acoustic-suspension design with 3 1/2-in coated polymer woofer and 3/4-in Mylar-dome tweeter. Features magnetic shielding. Wall-mount bracket optional. Power handling 120 W max; FR 150-22,000 Hz ± 3 dB; sens 87 dB SPL/W/m; imp 6 ohms. Black finish. 7 7/8 x 4 3/4 x 4 in\$85

NS-A325W. As above, white\$85

Home Theater Speakers

Encore 1 Home Theater System

One YST-SW20 powered subwoofer; two acoustic-suspension front speakers, each with one 4-in polypropylene woofer and one 3/4-in ferrofluid-cooled semi-dome tweeter; one NS-AC2 center-channel speaker; two surround speakers, each with 5-in driver. Magnetic front-speaker shielding. Power handling 80 W max front. Micro-pebble black finish\$399

NS-ACW1 Subwoofer/Center Speaker System

Bass-reflex subwoofer with two 10-in polypropylene drivers incorporating center-channel subenclosure with 6 1/2-in polypropylene woofer and 1-in tweeter. Combines subwoofer and center-channel speaker into stand for TV's up to 35 in. Features 12-dB/oct subwoofer crossover. Magnetic shielding; 250-lb capacity. Power handling 160 W max; FR 25-500 Hz subwoofer, 50-20,000 Hz center. Black pebble finish. 34 3/4 x 12 3/4 x 25 in\$349

NS-AC300 2-Way Center-Channel Speaker

Two 6 1/2-in polypropylene woofers, one 1-in titanium-dome tweeter. Features angled front baffle. Gold-plated 5-way binding posts. Magnetic shielding; tweeter-level control. Power handling 220 W max; FR 50-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. High-gloss black finish. 23 1/2 x 7 1/2 x 9 1/2 in\$299

NS-A104 Surround Speaker

Bass-reflex design with 4-in dual-cone driver. Wedge-shaped enclosure. Includes 10-m cable. Power handling 30 W max; FR 60-20,000 Hz; imp 6 ohms. 8 3/4 x 12 x 4 1/4 in\$149/pr

NS-AP100 Center/Surround System

One NS-AC2 center-channel speaker; two surround speakers, each with 5-in driver. Power handling 60 W max surround; FR 95-13,000 Hz surround; imp 6 ohms surround. Black pebble finish. Surround 6 1/2 x 9 x 4 1/4 in\$149

NS-AC140 2-Way Center-Channel Speaker

Two 5 1/2-in woofers, one 1-in dome tweeter. Features angled front baffle. Magnetic shielding. Power handling 160 W max; FR 60-20,000 Hz; sens 90 dB SPL/W/m; imp 8 ohms. Matte-black finish. 19 x 6 3/4 x 7 1/2 in\$149

NS-AC200. As above, except with 6 1/2-in woofers. Power handling 220 W max; FR 50-20,000 Hz. 21 1/4 x 7 1/2 x 10 in\$199

NS-E60 Surround Speaker

Bass-reflex design with 4-in driver. Features downward tilting. Power handling 50 W. White. 7 1/2 x 9 1/4 x 4 1/2 in\$118/pr

NS-AC2 2-Way Center-Channel Speaker

Acoustic-suspension design with two 5-in woofers and one 2-in cone tweeter. Magnetic shielding. Power handling 60 W max; imp 8 ohms. Black pebble finish. 18 1/8 x 5 1/4 x 5 1/4 in\$99

NS-E60 Surround Speaker

Bass-reflex design with 4-in driver. Features downward tilting built-in when wall mounted. Power handling 50 W. White. 7 1/2 x 9 1/4 x 4 1/2 in\$59

YANKEE

FPR-78 PM Ribbon Speaker

Planar ribbon single-diaphragm design using foil ribbons. Features proprietary Litz internal wiring. Gold-plated 5-way binding posts. FR 22-20,000 Hz ± 2 dB; imp 4 ohms. Solid-hardwood finish. 35 x 78 x 3 1/2 in; 225 lb\$22,000/pr

FPR-72 MkIII. As above, except with smaller diaphragm. FR 29-20,000 Hz ± 2 dB; imp 3 ohms. 29 1/2 x 72 x 3 1/2 in; 135 lb\$13,800/pr

FPR-72 SL. Slim-line version of the FPR-72 MkIII speaker\$12,000

FPR-III Ribbon Speaker

Planar ribbon single-diaphragm design using foil ribbons. FR 35-20,000 Hz; sens 89 dB SPL/W/m. 70 x 18 x 3 in; 100 lb\$3,500/pr

HEADPHONES

AIWA

HP-WA501 Wireless Headphones

25-ft range. Infrared transmission; 1 $\frac{1}{2}$ -in driver; noise suppressing muting systems. Volume switch. Operates on one AA battery. FR 20-20,000 Hz\$140

HP-X800 Headphones

9-ft 10-in Class 1 single-entry-side linear-crystal OFC Litz cord with 24-karat gold-plated plug. 2 $\frac{1}{2}$ -in composite-Mica double-dome drivers; symmetrical neodymium magnetic configuration; glass-fiber-reinforced plastic baffle; copper-clad aluminum-wire voice coils. Leather earpads. Includes 24-karat gold-plated plug adaptor. Power handling 1.5 W; FR 5-30,000 Hz; sens 104 dB/mW; imp 40 ohms. 8.5 oz\$140

HP-X705 Headphones

4-ft 11-in OFC cord with 24-karat gold-plated plug and adaptor. 1 $\frac{1}{2}$ -in drivers. Folding design. Includes carrying pouch. FR 5-20,000 Hz\$80

HP-XV303 Headphones

16-ft 5-in OFC cord with 24-karat gold-plated plug and adaptor. 1 $\frac{1}{2}$ -in drivers. In-line volume control and mono/stereo switch. FR 5-23,000 Hz\$70

HP-X301 Headphones

9-ft 10-in OFC cord with 24-karat gold-plated plug. 1 $\frac{1}{2}$ -in drivers. Includes 24-karat gold-plated plug adaptor. FR 5-23,000 Hz. 8.1 oz\$55

HP-X201 Headphones

9-ft 10-in cord. 1 $\frac{1}{2}$ -in drivers. Adjustable headband. Includes plug adaptor. FR 15-20,000 Hz\$28

Earphones

HP-V743 Earphones

4-ft tangle-resistant linear-crystal OFC cord with 24-karat gold-plated mini-plug. $\frac{3}{8}$ -in neodymium magnetic drivers; sapphire diaphragm; Z-shaped bass-resonator ducts. In-line volume control. Includes carrying case. FR 7-26,000 Hz\$55

HP-V543. As above, without linear-crystal OFC cord and sapphire diaphragms. FR 7-25,000 Hz\$35

HP-V541. As above, without in-line volume control. FR 7-25,000 Hz\$28

HP-JB35 Earphones

4-ft cord with right-angle mini-plug. $\frac{3}{8}$ -in drivers with samarium-cobalt magnets; bass-resonator ducts. In-line volume control. FR 8-25,000 Hz\$22

HP-V147 Earphones

4-ft tangle-resistant OFC cord with right-angle mini-plug. 1 $\frac{1}{4}$ -in U-shaped bass resonator ducts; $\frac{3}{8}$ -in drivers with samarium-cobalt magnets. In-line volume control. FR 10-25,000 Hz\$22

HP-V145. As above, without volume control. Includes cord-winding carrying case\$21

HP-JB33 Earphones

4-ft cord with right-angle mini-plug. $\frac{3}{8}$ -in drivers with samarium-cobalt magnets; bass-resonator ducts. FR 10-25,000 Hz\$15

Open-Air Headphones

HP-A560 Open-Air Headphones

16-ft 5-in single-entry-side OFC Litz cord. 1 $\frac{1}{2}$ -in drivers; bass-resonator ducts. Double-layered headband. Includes 24-karat gold-plated adaptor. FR 7-20,000 Hz\$40

HP-A360 Open-Air Headphones

6-ft 7-in single-entry-side OFC Litz cord. 1 $\frac{1}{2}$ -in drivers; bass-resonator ducts. Includes 24-karat gold-plated adaptor. FR 7-20,000 Hz\$30

HP-AV073 Open-Air Headphones

16-ft 5-in cord. 1 $\frac{1}{2}$ -in drivers. In-line volume control; angle-adjustment earpads. FR 20-20,000 Hz\$22

HP-AF175 Open-Air Headphones

3-ft 7-in cord with right-angle mini-plug. 1 $\frac{1}{2}$ -in neodymium-magnet drivers; bass ports. 3-point folding headband. FR 20-20,000 Hz\$22



Koss Porta Pro/2000 headphones

HP-A260 Open-Air Headphones

3-ft 8-in cord with right-angle mini-plug. 1 $\frac{1}{2}$ -in drivers; copper-clad aluminum-wire voice coils. 3-point folding headband. FR 20-20,000 Hz\$22

HP-A160. As above, not folding\$15

HP-A171 Open-Air Headphones

3-ft 7-in cord; right-angle mini-plug. 1 $\frac{1}{2}$ -in neodymium-magnet drivers; bass ports. FR 20-20,000 Hz\$15

AKG ACOUSTICS

K500 Open-Air Headphones

9 $\frac{3}{4}$ -ft OFC cord with gold-plated mini and phone plugs. Neodymium magnets; gray leather headband; gray fabric-covered washable ear cushions. Power handling 200 mW; FR 15-27,000 Hz; sens 94 dB/mW; imp 120 ohms. 7.8 oz\$229

K400. As above, black with black ear cushions and black self-adjusting plastic headband. FR 20-26,000 Hz; sens 96 dB/mW\$189

K270S Headphones

9 $\frac{3}{4}$ -ft single-entry-side cord with gold-plated phone plug. Parabolic dual-transducer design for each earcup. Auto shut-off upon removal from user's head. Power handling 200 mW; FR 20-20,000 Hz; sens 92 dB/mW; imp 75 ohms. 9.5 oz\$209

K240M Headphones

9 $\frac{3}{4}$ -ft single-entry-side cord with gold-plated mini and phone plugs. Power handling 200 mW; FR 15-20,000 Hz; sens 88 dB/mW; imp 600 ohms. 8.5 oz\$139

K240DF. As above, design based on European performance requirements for reference-monitor headphones\$169

K141M Headphones

9 $\frac{3}{4}$ -ft single-entry-side cord with gold-plated mini and phone plugs. Supra-aural design. Power handling 200 mW; FR 20-20,000 Hz; sens 97.5 dB/mW; imp 600 ohms. 8 oz\$119

AUDIO-TECHNICA

ATH-SP1 Earphones

1-m cord with mini-plug. Includes cloth carrying case. Sens 100 dB\$19.95

ATH-HB1. As above, bud-in-a-band design. Without carrying case\$19.95

Open-Air Headphones

ATH-P9 Open-Air Headphones

2.5-m cord with gold-plated mini-plug; gold-plated phone-plug adaptor. Power handling 300 mW; sens 98 dB\$60

ATH-P7. As above, plug not gold plated.\$50

ATH-P5 Open-Air Headphones

3 $\frac{1}{2}$ -ft cord with mini-plug. 40-mm drivers; neodymium magnets. Includes phone-plug adaptor. Power handling 100 mW; FR 20-20,000 Hz; sens 100 dB.

2.5 oz without plug or cord\$30

ATH-P3. As above, magnets not neodymium. Sens 98 dB. 3.2 oz without plug or cord\$25

ATH-P1 Open-Air Headphones

3 $\frac{1}{2}$ -ft cord with mini-plug. 28-mm drivers. Includes phone-plug adaptor. Power handling 50 mW; FR 30-20,000 Hz; sens 93 dB. 2 oz without plug or cord\$20

BEYERDYNAMIC

DT-911 Open-Air Headphones

2-m coiled cord with gold-vaporized mini-plug. Bass-reflex circumaural design. Includes phone-plug adaptor. FR 5-32,000 Hz; imp 250 ohms\$339

DT-901. As above, closed circumaural design\$309

DT-811 Open-Air Headphones

2-m coiled cord with gold-vaporized mini-plug. Bass-reflex circumaural design. Phone-plug adaptor. FR 10-30,000 Hz; imp 250 ohms\$279

DT-801. As above, closed circumaural design\$249

DT-531 Open-Air Headphones

2-m coiled cord with gold-vaporized mini-plug, phone-plug adaptor. FR 10-30,000 Hz; imp 250 ohms\$219

DT-511 Headphones

2-m coiled cord with gold-vaporized phone plug. Semi-open design. FR 10-22,000 Hz; imp 250 ohms\$189

DT-431 Open-Air Headphones

2.5-m straight cord with mini-plug. Circumaural open design. Includes phone-plug adaptor. FR 15-20,000 Hz; imp 40 ohms\$159

DT-411 Open-Air Headphones

2.5-m straight cord with gold-vaporized mini-plug. Supra-aural open design. Includes phone-plug adaptor. FR 15-20,000 Hz; imp 40 ohms\$139

DT-331 Open-Air Headphones

2.5-m cord with mini-plug. Circumaural open design. Replaceable ear cushions. Includes phone-plug adaptor. FR 20-20,000 Hz; imp 40 ohms\$119

DT-311 Open-Air Headphones

2.5-m straight cord with mini-plug. Supra-aural design. Includes phone-plug adaptor. FR 20-20,000 Hz; imp 40 ohms\$79

DT-211TV Open-Air Headphones

25-ft cord with 3.5-mm mini-plug. Supra-aural design.

HEADPHONES

Independent volume/stereo controls. Includes phone-plug adaptor. FR 30-18,000 Hz; imp 40 ohms ... \$59
DT-211. As above, without independent volume/stereo controls \$49

Wireless Headphones

IRS-890 Wireless Headphones

Features infrared transmission. Switchable L/R and mono/stereo; ability to interconnect multiple transmitters for multiroom applications; transmitter capable of supplying several headphones; battery-control LED. Operates on two AA batteries. FR 18-24,000 Hz \$299
IRH-890. As above, without transmitter \$199
ISS-890. Infrared transmitter with auto mute ... \$129

IRS-790 Wireless Headphones

Features infrared transmission. Switchable mono/stereo; ability to interconnect multiple transmitters for multiroom applications; transmitter capable of supplying several headphones; auto mute; transmitter with adjustable mounting capabilities. Operates on two AA batteries. FR 20-23,000 Hz \$269
IRH 790. As above, without transmitter \$169
ISS 790. Infrared transmitter with auto mute ... \$129

CALRAD

Model 15-148 Headphones

7-ft cord with gold-plated phone plug. Features samarium-cobalt magnets. Power handling 300 mW; FR 18-22,000 Hz; sens 105 dB; imp 600 ohms. 6.1 oz \$72

Model 15-120 Headphones

7-ft cord with phone plug. Power handling 100 mW; FR 20-22,000 Hz; sens 105 dB/mW; imp 40 ohms. 5.6 oz \$35

Model 15-116 Open-Air Headphones

7-ft cord with phone plug. Power handling 100 mW; FR 25-20,000 Hz; sens 95 dB/mW; imp 32 ohms. 3.9 oz \$30

Model 15-118 Headphones

9-ft cord with phone plug. 2¼-in Mylar diaphragms. Padded adjustable headband and earmuffs; independent volume controls; mono/stereo switch. Power handling 110 mW; FR 20-20,000 Hz; sens 102 dB/mW; imp 32 ohms \$21

COBY

CV-900 Headphones

3-m single-entry-side coiled cord with nickel-plated mini-plug. 2¼-in neodymium-magnet drivers. Cushioned adjustable headband. Includes gold-plated phone-plug adaptor. FR 5-22,000 Hz \$140

CV-600 Headphones

3-m single-entry-side cord with nickel-plated mini-plug. 2-in neodymium-magnet drivers. Double-layer adjustable cushioned headband. Includes gold-plated phone-plug adaptor. FR 15-22,000 Hz \$90

CV-560 Headphones

3-m single-entry-side cord with nickel-plated mini-plug. 1½-in drivers with samarium-cobalt magnets. Double-layer adjustable cushioned headband; volume control with mono/stereo switch. Includes gold-plated phone-plug adaptor. FR 15-22,000 Hz ... \$70

CV-460 Headphones

3-m single-entry-side cord with gold-plated mini-plug. 1½-in drivers with samarium-cobalt magnets. Cushioned adjustable headband. Includes gold-plated phone-plug adaptor. FR 18-20,000 Hz \$60

CV-360 Headphones

3-m single-entry-side cord with nickel-plated mini-plug. 1½-in drivers with samarium-cobalt magnets. Cushioned adjustable headband. Includes gold-plated phone-plug adaptor. FR 20-20,000 Hz \$50

CV-H97 Open-Air Headphones

3-m single-entry-side cord with nickel-plated mini-

plug. Adjustable headband; volume control with mono/stereo switch. Includes gold-plated phone-plug adaptor. FR 20-22,000 Hz \$48

CV-H87 Open-Air Headphones

3-m single-entry-side cord with nickel-plated mini-plug. Adjustable headband. Includes gold-plated phone-plug adaptor. FR 20-22,000 Hz \$30

CV-H67 Open-Air Headphones

2-m single-entry-side cord with nickel-plated mini-

plug. Adjustable headband. Includes gold-plated phone-plug adaptor. FR 20-20,000 Hz \$14.95

DENON

AH-D950 Headphones

Gold-plated mini-plug. 50-mm drivers with neodymium magnets; 6N oxygen-free copper voice coils and cable; vaporized diamond diaphragms. Simulated-leather earpads. Includes screw-on phone-plug adaptor \$150

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HEADPHONES

AH-D750 Headphones

Gold-plated mini-plug. 50-mm drivers with neodymium magnets; Class 1 linear-crystal OFC voice coils and cable; vaporized titanium diaphragms. Simulated-leather earpads. Includes screw-on phone-plug adaptor\$125

AH-D650 Headphones

Gold-plated mini-plug. 50-mm drivers with neodymium magnets; Class 1 linear-crystal OFC for voice coils and cable. Simulated-leather earpads. Includes phone-plug adaptor\$100

AH-D550 Headphones

Gold-plated mini-plug. 50-mm drivers with neodymium magnets; copper-clad aluminum wire for voice coils and cable. Simulated-leather earpads. Includes phone-plug adaptor\$75

AH-D350 Headphones

OFC Litz cord with mini-plug. 40-mm drivers; polymer-film diaphragms; copper-clad aluminum-wire voice coils. Simulated-leather earpads. Includes phone-plug adaptor\$60

AH-D210. As above, different driver housing. Reversible earcups\$50

DISCWASHER

Headphones

PRO 80. 40-mm drivers. Lifetime warranty\$50

HP 70\$45

HP 60. Features dual driver\$40

HP 50\$30

HP 40\$24

DR-60 Earphones

Includes wind-up storage case\$18

PRO 510 Open-Air Headphones

Lightweight headband with single-entry cord. Lifetime warranty\$18

EMERSON BY JASCO

HP3810 Wireless Headphones

Mini-plug. Infrared transmission. L/R volume controls. Operates on 2 AAA batteries. Includes AC adaptor and RCA-jack adaptor. FR 20-15,000 Hz; imp 32 ohms\$100

HP3809 Wireless Headphones

20-ft range with mini-plug. Infrared transmission. Volume control. Operates on 2 AAA batteries. Includes AC adaptor, RCA-jack adaptor, and speaker microphone for sources without headphone jack. FR 50-12,000 Hz\$75

HP3807 Headphones

3-m single-entry-side cord with mini-plug. Adaptors for over-ear convertible design; samarium-cobalt magnets. Adjustable headband. Includes phone-plug adaptor. FR 20-20,000 Hz; sens 105 dB at 1,000 Hz; imp 32 ohms\$35

HP3806 Headphones

6½-ft single-entry-side cord with mini-plug. Drivers with samarium-cobalt magnets. Adjustable headband. Includes gold-plated phone-plug adaptor. Power handling 100 mW; FR 20-20,000 Hz; sens 102 dB; imp 32 ohms\$28

HP3816 Headphones

10-ft cord with gold-plated mini-plug. Mylar drivers. Includes phone-plug adaptor. FR 20-20,000 Hz; sens 104 dB; imp 32 ohms\$25

HP3824 Headphones

Adjustable headband. Phone-plug adaptor. FR 20-20,000 Hz; imp 32 ohms\$14.95

ETYMOTIC RESEARCH

ER-4S Sound Isolating Earphones

4-ft cable with mini-plug. Designed to fit inside ear canal, providing 20 to 25 dB of sound isolation. In-

cludes phone-plug adaptor, three pairs of rubber eartips, five pairs of foam eartips, carrying pouch, shirt clip, and storage box. FR 20-16,000 Hz; sens 98 dB SPL/W/m; 1 oz\$330

GRADO LABS

The following feature vented polymer diaphragms with air chambers, an adjustable headband, foam-covered earcups, and a 1-year parts-and-labor warranty. Ear cushions are replaceable.

Prestige SR325 Open-Air Headphones

7-ft cord with phone plug. Aluminum air chambers; long-crystal OFC voice-coil wire and cord. FR 18-24,000 Hz; sens 96 dB; imp 32 ohms. 11 oz ...\$295

Prestige SR225 Open-Air Headphones

7-ft copper cord with phone plug. FR 20-20,000 Hz; sens 94 dB; imp 32 ohms. 8 oz\$200

Prestige SR125 Open-Air Headphones

7-ft copper cord with phone plug. FR 20-20,000 Hz; sens 94 dB; imp 32 ohms. 8 oz\$150

Prestige SR80 Open-Air Headphones

7-ft copper cord with phone plug. FR 20-20,000 Hz; sens 94 dB; imp 32 ohms. 8 oz\$95

Prestige SR60 Open-Air Headphones

Mini-plug. Copper voice-coil wire and cord. Includes phone-plug adaptor. FR 20-20,000 Hz; sens 94 dB SPL/W/m; imp 32 ohms\$69

Reference Series

RS-1 Open-Air Headphones

7-ft OFC cord with phone plug. Wooden air chamber; OFC voice-coil wiring; vented polymer diaphragms. Adjustable hand-stitched headband; foam-covered earcups. 1-yr parts-and-labor warranty. FR 10-35,000 Hz; sens 96 dB; imp 32 ohms\$695

JVC

The following feature a 1-year carry-in parts-and-service warranty.

HAD990 Headphones

9¼-ft cord with 24-karat gold-plated plug. 40-mm plasma-evaporated ruby diaphragms; moving-coil closed design with circumaural earpads. Power handling 100 mW; FR 5-27,000 Hz; sens 106 dB/mW; imp 65 ohms. 8.5 oz without cord\$150

HAW50 Wireless Headphones

23-ft horizontal range. 28-mm diaphragms; moving-coil design. Line/headphone-level input. Auto 3-hr power-off; volume control. Operates on 2 AA batteries. Includes AC and plug adaptors. FR 19-20,000 Hz. 5.5 oz with batteries\$120

HAD810 Headphones

9¼-ft cord with 24-karat gold-plated plug. 40-mm diaphragms; moving-coil semi-closed design. L/R sides identified in Braille. 24-karat gold-plated plug adaptor. Power handling 100 mW; FR 5-26,000 Hz; sens 104 dB/mW; imp 32 ohms. 6.9 oz without cord\$80

HAD610. As above, 30-mm diaphragms. FR 15-23,000 Hz; sens 100 dB/mW. 4.6 oz without cord\$45

HAD510 Headphones

9¼-ft cord with 24-karat gold-plated plug. 30-mm diaphragms; moving-coil semi-closed design. L/R sides identified in Braille. 24-karat gold-plated plug adaptor. Power handling 100 mW; FR 10-23,000 Hz; sens 105 dB/mW; imp 32 ohms. 3.9 oz without cord\$45

HAD410. As above, 6½-ft cord with open-air design. Power handling 50 mW; FR 20-20,000 Hz; sens 98 dB/mW. 3.2 oz without cord\$35

HACD88 Headphones

6½-ft cord with 24-karat gold-plated plug. 30-mm diaphragms; moving-coil design; bass-enhancement system. L/R sides identified in Braille. Includes 24-karat gold-plated plug adaptor. Power handling 50 mW; FR 14-22,000 Hz; sens 102 dB/mW; imp 32

ohms. 1.4 oz without cord\$40

HACD66. As above, FR 16-20,000 Hz; sens 98 dB/mW. 1.5 oz without cord\$25

KOSS

The following feature a lifetime warranty.

ESP/950 Electrostatic Headphones

Features circumaural open-air design; minimal acoustic damping. Includes energizer/amplifier, battery pack, adaptor cords, and leather carrying case\$800

JCK/300 Wireless Headphones

Battery powered. Includes infrared transmitter and modulator. FR 20-20,000 Hz\$275

QZ/2000 Noise-Canceling Headphones

4-ft OFC cord with 8-pin DIN plug. Features active noise-cancellation circuitry to attenuate environmental noise; compact control case. Collapsible adjustable headband. Includes 2-pin adaptor for airline use and 2 AA batteries. FR 15-20,000 Hz; sens 101 dB SPL/W/m; imp 60 ohms\$200

JR/750 Wireless Headphones

Features switchable RF/infrared design. Adjustable headband; mono/stereo switch; volume control. Includes rechargeable Ni-Cd batteries and AC adaptor. FR 40-18,000 Hz\$160

HB/500 Wireless Headphones

500-ft range with mini-plug. Neodymium iron-boron magnets; 2-layer free-standing voice coils. Vinyl ear cushions; adjustable padded headband; L/R volume controls; mono/stereo capability. Operates on 2 AA batteries for 40 hrs. Includes AC adaptor. FR 20-20,000 Hz. 7.5 oz\$120

Pro/4AA Headphones. 1-in voice coils. FR 10-22,000 Hz\$99

Pro/4XTC Headphones

Features semi-open earcups. FR 10-24,000 Hz; sens 100 dB SPL/W/m; imp 93 ohms\$80

PortaPro/2000 Headphones

6-ft straight OFC cord with mini-plug. Neodymium iron-boron magnets; 2-layer voice coils. Collapsible design. Includes ear cushions, leatherette carrying case, and gold plug adaptor. FR 10-25,000 Hz; sens 101 SPL/W/m; imp 32 ohms. 3 oz\$70

Pro/480 Headphones

10-ft coiled cord with mini-plug. Titanium-coated diaphragms. Vinyl cushions; adjustable earcups. Includes phone-plug adaptor. FR 10-22,000 Hz; sens 100 SPL/W/m; imp 180 ohms. 9 oz\$60

HV/Pro Headphones

8-ft cord. Dual-suspension design. In-line volume/balance control. Includes phone-plug adaptor. FR 15-35,000 Hz\$60

PortaPro Headphones

6-ft cord with mini and phone plugs. Folding design; pivoting earcups. 2.5 oz with cord\$50

MAC/7 Headphones

8-ft cord. Closed vinyl ear cushions; adjustable soft-vinyl headband. FR 20-20,000 Hz; sens 95 dB; imp 60 ohms. 5.5 oz\$50

TD/80 Headphones

10-ft straight cord with mini-plug. Vinyl closed ear cushions; volume control on each earcup; adjustable headband. FR 20-17,000 Hz; sens 98 SPL/W/m; imp 60 ohms. 10 oz\$40

CD/4 Headphones

8-ft cord. Titanium nitride-coated diaphragms. Foam ear cushions; pivoting earcups. FR 20-20,000 Hz; sens 90 dB; imp 60 ohms. 3.3 oz\$40

PortaPro Jr. Headphones

6-ft straight cord with mini and phone plugs. Pivoting

HEADPHONES

earcups; adjustable headband. FR 15-25,000 Hz; sens 101 SPL/W/m; imp 60 ohms. 2.3 oz\$40

TD/75 Headphones

8-ft straight cord with mini-plug. Neodymium magnets. Soft-vinyl closed cushions; in-line volume control; padded adjustable headband. Includes phone-plug adaptor. FR 20-20,000 Hz; sens 95 SPL/W/m; imp 160 ohms. 9 oz\$40

TNT/55 Open-Air Headphones

Phone-plug adaptor. Titanium-coated diaphragms; self-supporting voice coils. FR 15-25,000 Hz\$40

KSC/35 Earphones

4-ft straight cord with mini-plug. No headband; pivoting earplates hang from ears. Includes carrying case. FR 15-25,000 Hz; sens 101 dB SPL/mW; imp 60 ohms\$35

GT/5 Headphones

Mini-plug. Neodymium magnets. Replaceable foam ear cushions; adjustable headband. Includes phone-plug adaptor. FR 20-20,000 Hz\$30

TD/65 Headphones

8-ft straight cord with mini-plug. Ferrite magnets; OFC voice coils. FR 20-17,000 Hz; sens 101 SPL/W/m; imp 90 ohms. 9 oz\$30

MAC/5 Headphones

4-ft cord with mini and phone plugs. FR 20-20,000 Hz; sens 95 dB; imp 60 ohms. 3.4 oz\$30

TD/60 Headphones

Mini and phone plugs. Circumaural design. Pivoting earcups; adjustable headband. FR 18-20,000 Hz\$20

KSC/19 Earphones

4-ft straight cord with mini-plug. No headband; earphones hang from ears. FR 20-20,000 Hz; sens 98 dB SPL/mW; imp 32 ohms\$20

LS/9 Earphones

Right-angle mini-plug. Samarium-cobalt magnets. Collapsible headband. FR 20-20,000 Hz; sens 84 dB; imp 32 ohms\$20

GT/4 Open-Air Headphones

Neodymium magnets. In-line volume control; adjustable headband; replaceable foam ear cushions. FR 50-20,000 Hz\$20

LS/7 Earphones

Right-angle mini-plug. Removable headband. FR 20-20,000 Hz; sens 98 dB; imp 32 ohms\$15

MAXELL

HP-800 Headphones

6-ft single-entry-side cord with gold-plated right-angle mini-plug. Cobalt magnets. Volume control; mono/stereo switch; adjustable locking headband. Power handling 100 mW; FR 14-24,000 Hz; imp 32 ohms. 2.2 oz\$16.99

HB-350 Earphones

6-ft rubber cord with 1/8-in gold-plated right-angle mini-plug. Mylar film diaphragms; cobalt magnets; copper coils. Folding design. Includes leather travel pouch. Power handling 30 mW; FR 14-24,000 Hz; sens 92 dB; imp 16 ohms. 0.8 oz\$16.99

HBS-250. As above, film not Mylar. Includes denim pouch. Power handling 100 mW; FR 18-22,000 Hz; sens 95 dB. 1 oz\$14.99

EB-425 Earphones

4-ft rubber OFC cord with gold-plated right-angle mini-plug. Cobalt magnets; copper coils. Includes cord-winding carrying case. Power handling 40 mW; FR 16-23,000 Hz; sens 105; imp 32 ohms. 0.5 oz\$16.99

EBS-325. As above, without OFC cord. Water-resistant. FR 18-22,000 Hz; sens 104 dB\$14.99

HP-700 Open-Air Headphones

6-ft single-entry-side cord with gold-plated right-an-

gle mini-plug. Cobalt magnets; 1/2-in coils; 0.016-mm film diaphragms. Adjustable locking headband. Power handling 100 mW; FR 16-22,000 Hz; imp 32 ohms. 2 oz\$14.99

Studio Series

The following feature 1/4-in samarium-cobalt magnets and copper coils. Each includes a gold-plated mini-plug with a phone-plug adaptor.

HP-3000 Headphones

8-ft OFC cord. 25-micron film diaphragms. Rubber headband; folding design. Includes leather travel pouch. Power handling 150 mW; FR 16-22,000 Hz; sens 105 dB; imp 32 ohms. 6.3 oz\$30

HP-2000 Headphones

8-ft cord. 25-micron film diaphragms. Power handling 150 mW; FR 20-20,000 Hz; sens 102 dB; imp 32 ohms. 9.5 oz\$25

HP-1000 Open-Air Headphones

6-ft single-entry-side cord. Mylar film. Positive-lock headband. Power handling 100 mW; FR 20-20,000 Hz; sens 103 dB; imp 32 ohms. 5.1 oz\$19.99

MB QUART

All of the following, except QP-1X, feature a 3-year warranty. All weights are without the cord.

QP-400 Headphones

10-ft coiled cord with gold-plated phone plug. Semi-open design. FR 14-24,100 Hz; sens 93 dB/mW; imp 300 ohms x 2. 8.3 oz\$299

QP-805 Headphones

10-ft cord with phone plug. FR 10-34,000 Hz; sens 98 dB/mW; imp 300 ohms x 2. 7.8 oz\$199

QP-95X Headphones

10-ft coiled cord with phone plug. Semi-open design. FR 16-23,500 Hz; sens 96 dB/mW; imp 300 ohms x 2. 7.6 oz\$199

QP-75X. As above, closed design. FR 20-20,100 Hz; sens 97 dB/mW; imp 100 ohms x 2. 8.1 oz\$159

QP-240 Headphones

10-ft coiled cord with gold-plated mini-plug. Semi-open design. Includes gold-plated screw-on phone-plug adaptor. FR 10-22,500 Hz; sens 98 dB/mW; imp 100 ohms x 2. 7.8 oz\$139

QP-35x Headphones

10-ft cord with mini-plug. Semi-open design. Includes phone-plug adaptor. FR 24-20,000 Hz; sens 97 dB/mW; imp 100 ohms x 2. 5.6 oz\$99

QP-1X Open-Air Headphones

6-ft cord with mini-plug. Includes phone-plug adaptor. FR 24-22,000 Hz; sens 110 dB/mW; imp 35 ohms x 2. 6-month warranty. 1.4 oz\$29

NAKAMICHI

SP-7 Headphones

3-m straight cord with phone plug. 25-mm-thick double-coated polyester-film diaphragms; ferrite magnets; damper adaptor; tangential diaphragm edges to reduce distortion. Includes spare earpads. Power handling 100 mW; FR 20-20,000 Hz; imp 45 ohms\$100

NIKKO

NH150 Open-Air Headphones

2.9-m cord with gold plug. Samarium-cobalt magnets; copper-clad-aluminum voice coils. Removable leather earpads; padded leather adjustable headband. Includes plug adaptor. Power handling 100 mW; FR 15-22,000 Hz; sens 98 dB; imp 40 ohms\$34

NH120 Headphones

2.5-m cord with gold plug. Removable cloth earpads; leather-padded adjustable headband. Includes plug adaptor. Power handling 100 mW; FR 20-20,000 Hz; sens 100 dB; imp 32 ohms\$29

NH45 Open-Air Headphones

2-m cord with gold right-angle plug. Click-lock adjustable headband; swiveling earcups. Includes plug adaptor. Power handling 100 mW; FR 20-20,000 Hz; sens 98 dB; imp 32 ohms\$11.99

NOISE CANCELLATION TECHNOLOGIES

NoiseBuster Noise-Canceling Headphones

Features active noise-cancellation circuitry that reduces low-frequency environmental noise by creating "anti-noise" signal to reduce noise picked up by microphone in each earcup; 15-dB noise reduction from 30-1,200 Hz. Adjustable design; battery-powered electronics pack with belt clip; in-line volume control; noise-reduction defeat for use as conventional headphones. Includes mini-plug, phone-plug, and dual-prong plug for in-flight entertainment systems. 5 oz\$99

ONKYO

DP-600 Headphones

3-meter oxygen-free-copper cord with gold-plated phone plug. 1 1/4-in drivers; closed housing with open back. FR 4-28,000 Hz; sens 92 dB SPL/W/m; imp 600 ohms\$110

DP-400 Headphones

3-meter oxygen-free-copper cord with gold-plated mini-plug. 2-in polymer-film diaphragms; closed housing with open back; neodymium magnets. Includes phone-plug adaptor. FR 4-28,000 Hz; sens 106 dB SPL/W/m; imp 35 ohms\$70

DP-200 Open-Air Headphones

2.5-meter oxygen-free-copper cord with gold-plated mini-plug. 1 1/4-in high-polymer film diaphragms; ferrite magnets. Includes phone-plug adaptor. FR 20-22,000 Hz; sens 97 dB SPL/W/m; imp 40 ohms\$40

PANASONIC

RP-WH50 Wireless Headphones

23-ft range. Infrared transmission; 1/4-in drivers. Line- and headphone-level outputs. FR 18-22,000 Hz. 5 oz with AA battery\$140

RP-HT137 Headphones

9.9-ft OFC cord. 1 1/2-in drivers with neodymium magnets. Removable earpads. FR 8-28,000 Hz\$100

RP-HT127 Headphones

9.9-ft OFC cord. 1 1/2-in drivers with neodymium magnets. Removable earpads. FR 10-27,000 Hz\$85

RP-HT96 Headphones

1 1/2-in drivers. Urethane leather earpads. FR 8-28,000 Hz\$80

RP-HT117 Open-Air Headphones

9.9-ft OFC cord. 1 1/2-in drivers with neodymium magnets. FR 10-27,000 Hz\$70

RP-HV600 Earphones

Sound-control switch; twist-free cord. FR 10-26,000 Hz\$65

RP-HT245 Headphones

1 1/2-ft cord. 1 1/2-in drivers. Features in-line volume control; urethane leather earpads. FR 10-27,000 Hz\$50

RP-HV540D Earphones

Twist-free cord with in-line volume control. FR 10-25,000 Hz\$46

RP-HT240 Headphones

OFC cord. 1 1/2-in drivers. Urethane leather earpads. FR 10-27,000 Hz\$40

RP-HV390 Earphones

Neodymium magnets. Rotary fit adjustment; volume control. FR 10-25,000 Hz\$40

HEADPHONES

RP-HV530D Earphones
Bass ports. Twist-free cord. FR 10-25,000 Hz ... \$38

RP-HT48 Headphones
16½-ft cord. 1½-in drivers. In-line volume control; urethane leather earpads. FR 20-22,000 Hz ... \$38

RP-HT38 Headphones
Single-entry-side cord. Neodymium magnets; 1½-in drivers. Urethane pads. FR 18-23,000 Hz ... \$35

RP-HV370 Earphones
Neodymium magnets. Rotary fit adjustment. FR 10-25,000 Hz ... \$33

RP-HV330 Earphones
Neodymium magnets. Rotary fit adjustment. FR 10-25,000 Hz ... \$28

RP-HT28 Headphones
Single-entry-side cord. 1½-in drivers. FR 20-22,000 Hz ... \$26

RP-HV170 Earphones
Neodymium magnets. Twist-free cord; volume control. FR 20-20,000 Hz ... \$22

RP-HT14 Open-Air Headphones
1½-in drivers. FR 20-20,000 Hz ... \$18

RP-HV160 Earphones
Neodymium magnets. Twist-free cord. Includes carrying case. FR 20-20,000 Hz ... \$17

RP-HV150 Earphones
Neodymium magnets. Twist-free cord. FR 20-20,000 Hz ... \$14

RP-HT12 Open-Air Headphones
1½-in drivers. Foam earpads. FR 20-20,000 Hz ... \$12

PFANTONE

MHP-77CD. Headphones with mini-plug and phone-plug adaptor ... \$48

MHP-500. Stereo headphones ... \$23

MHP-88. Folding headphones ... \$11.49

MHP-44. Stereo mini plug, phone-plug adaptor, extra earpads ... \$12.59

PICKERING

CD-5 Headphones
7½-ft single-entry-side coiled cord with gold-plated mini-plug. Samarium-cobalt drivers. Includes phone-plug adaptor. FR 20-20,000 Hz; imp 35 ohms at 10,000 Hz ... \$80

CD-2 Headphones
7½-ft 4-conductor cord with phone plug. Samarium-cobalt magnets. Includes mini-plug adaptor. FR 10-20,000 Hz ... \$50

PIONEER

All weights are without the connection cord.

SE-IR550C Wireless Headphones
30-ft range. Includes transmitter and AC adaptor. FR 20-25,000 Hz. 5.4 oz ... \$275

SE-500D Headphones
9½-ft OFC Litz cord. Power handling 1 W/ch; FR 5-28,000 Hz; imp 35 ohms. 6.2 oz ... \$75
SE-400D. As above, power handling 0.5 W/ch, FR 5-26,000 Hz. 6.5 oz ... \$65

SE-M50 Headphones
16½-ft OFC Litz cord. Power handling 1 W/ch; FR 3-50,000 Hz; imp 32 ohms. 8.1 oz ... \$75

SE-A50 Headphones
9¼-ft OFC Litz cord. 38-mm drivers. Power handling 1

W/ch; FR 20-20,000 Hz; imp 35 ohms. 5.3 oz ... \$50
SE-A40. As above, 33-mm drivers ... \$40

SE-M350 Headphones
9½-ft single-sided OFC Litz cord. Power handling 1 W/ch; FR 5-28,000 Hz; imp 35 ohms. 8.4 oz ... \$48
SE-M250. As above, cord not single-sided. FR 10-23,000 Hz. 7.5 oz ... \$38

SE-22 Headphones
8¼-ft OFC Litz cord. Power handling 100 mW/ch; FR 30-25,000 Hz; imp 36 ohms. 2.2 oz ... \$32
SE-12. As above, 6½-ft cord. FR 40-20,000 Hz; imp 30 ohms. 2.1 oz ... \$23

RADIO SHACK

PRO-100 Wireless Headphones
150-ft range. Level and frequency controls. Operates on built-in rechargeable battery. Includes 6-ft interconnect and Y cord ... \$130

Model 33-1142 Wireless Headphones
20-ft range. Mini/phone-plug input. Headset operates on 2 AAA batteries. Includes AC adaptor ... \$80

PRO-90 Headphones
8-ft coiled OFC cord with gold-plated phone plug. Titanium-evaporated diaphragms. Foam-filled covered cushions. FR 10-22,000 Hz ... \$70

Model 33-1141 Wireless Headphones
20-ft range. Mono. Headset operates on 2 AAA batteries. Includes AC adaptor ... \$60

PRO-60 Open-Air Headphones
8-ft flat cord with gold-plated phone plug. Foam ear cushions. FR 15-25,000 Hz ... \$50

PRO-25 Headphones
6-ft cord with gold-plated mini-plug. Titanium-layered diaphragms; OFC coils; neodymium magnets. In-line volume control. FR 15-20,000 Hz ... \$40

LV-20 Headphones
8-ft cord with gold-plated phone plug. Earcup vents. In-line volume control; foam-filled cushions. FR 20-20,000 Hz ... \$40

Nova 67 Open-Air Headphones
8-ft cord with phone plug. Foam cushions; padded headband. FR 20-20,000 Hz ... \$35

Model 33-991 Earphones
3-ft 4-in cord with gold-plated mini-plug. In-line volume control. Includes case. FR 16-22,000 Hz ... \$30

Nova 56 Headphones
8-ft cord with phone plug. Supra-aural design; neodymium magnets. Pivoting foam-cushioned earcups; adjustable headband. FR 20-20,000 Hz ... \$30

Nova 44 Headphones
7½-ft cord with mini-plug. Swiveling earcups. FR 20-20,000 Hz ... \$25

Nova 28 Headphones
9-ft cord with phone plug. Balance controls; foam-filled cushions. FR 20-20,000 Hz ... \$20

Nova 43 Headphones
5½-ft cord with gold-plated right-angle mini-plug. Adjustable flexible headband. Includes gold-plated phone-plug adaptor. FR 20-20,000 Hz ... \$19.99

Nova 37 Headphones
3¾-ft cord with mini-plug. In-ear drivers. Folding headband ... \$15.99

Model 33-980 Earphones
3-ft 7-in cord with mini-plug. Includes cord-winding carrying case. FR 120-20,000 Hz ... \$13.99

Nova 42 Headphones
16-ft cord with gold-plated mini-plug. Mono/stereo switch ... \$12.99

RECOTON

Wireless 900-MHz Series
W-500 Wireless Headphones
150-ft range. 900-MHz receiver built into headset. Includes mini and phone plugs ... \$150
W-501B. Extra transmitter for above ... \$80
W-502B. Extra headset for W-500 ... \$80
W-507B. Replacement Ni-Cd battery ... \$13
W-510CG. Trickle charger for W-500 ... \$12

W-222SX. Wireless system with 900-MHz belt-clip receiver, 2 speakers, and headphones ... \$150
W-200SX. As above, without speakers ... \$130
W-201SXB. Extra transmitter for above ... \$60
W-206B. Extra receiver for W-200SX ... \$30

Eargear Plus Series
EG-65 Headphones
9-ft cord. 40-mm drivers. Power handling 120 W; FR 20-20,000 Hz; imp 32 ohms ... \$30

EG-24 Headphones
Features fold-away earcups. Includes phone-plug adaptor ... \$25

EG-25 Headphones
5-ft single-entry-side OFC cord. 27-mm drivers. Power handling 100 W; FR 18-22,000 Hz; imp 32 ohms ... \$20

EG-20 Headphones
Features 40-mm padded earcups. Includes phone-plug adaptor ... \$20

EG-35 Headphones
9-ft single-entry-side cord. 40-mm drivers. Power handling 100 W; FR 20-20,000 Hz; imp 32 ohms ... \$18

Eargear Series
EG-18 Headphones
Single-entry-side cord. 30-mm drivers. In-line volume control. Includes phone-plug adaptor ... \$15

SENNHEISER

HE/HEV90 Orpheus Powered Electrostatic Headphones
Features outboard tube amplifier rated at 400 V rms amp with built-in D/A converter. Transformerless output design; honeycombed glass electrodes; aluminum tube covers; solid aluminum base. FR 25-75,000 Hz; sens 98 dB ... \$12,900
HE90. Headphones only ... \$6,450
HEV90. Amplifier only ... \$6,450

HE60/HEV70 Electrostatic Headphones
Push-pull design; polymer foil diaphragms; pure Class A amplifier operation; MOSFET outputs; Alps potentiometer. FR 12-65,000 Hz. 9.2 oz ... \$1,790

HD580 Headphones
10-ft cord with mini-plug. Circumaural design; composite diaphragms; open-back earcup; triple-wound aluminum voice coils; computer-optimized magnets. Velvet ear cushions. Includes phone-plug adaptor. FR 12-38,000 Hz; sens 97 dB; imp 300 ohms. 9.2 oz ... \$349

HD565 Headphones
10-ft Kevlar-reinforced OFC cord with ¼- to ½-in plug. Circumaural design; silk-dome damping; bass-tube tuning. Velvet ear cushions. FR 16-30,000 Hz; sens 96 dB; imp 150 ohms. 8.8 oz ... \$289

HDC451-I NoiseGard Headphones
Active noise-cancellation circuitry; power supply. Stereo mini-jack. Includes 2-prong adaptor for airline use and battery pack. Operates on two AA batteries. FR 20-18,000 Hz; imp 270 ohms. 3.9 oz ... \$269

HD265 Headphones
10-ft Kevlar-reinforced OFC cord with ¼- to ½-in plug. Neodymium-ferrous magnets; Duofol composite diaphragm; triple-wound aluminum voice coils; field-replaceable parts; polycarbonate-dome damp-

HEADPHONES

ing. FR 10-30,000 Hz; sens 99 dB; imp 150 ohms. 8.9 oz\$249

HD545-99 Headphones

10-ft Kevlar-reinforced OFC cord. Circumaural design; polycarbonate-dome damping; triple-wound aluminum voice coils. FR 16-28,000 Hz; sens 96 dB; imp 150 ohms. 8.8 oz\$199

HD535-6 Headphones

10-ft Kevlar-reinforced OFC cord with 1/8- to 1/4-in plug. Circumaural design; neodymium-ferrous magnets; field-replaceable parts. FR 20-25,000 Hz; sens 97 dB; imp 150 ohms. 7.5 oz\$169

HD475 Headphones

10-ft Kevlar-reinforced OFC cord with 1/8- to 1/4-in plug. Supra-aural design; triple-wound aluminum voice coils; diffuse-field equalization. FR 16-23,000 Hz; sens 94 dB; imp 60 ohms. 4.2 oz\$149

HD25-SP Headphones

10-ft cord with mini-plug. Modular parts; neodymium-ferrous magnets. Includes phone-plug adaptor. FR 30-16,000 Hz; sens 105 dB; imp 85 ohms. 5 oz\$149

HD465 Headphones

10-ft single-entry-side replaceable Kevlar-reinforced OFC cord with 1/8- to 1/4-in plug. Supra-aural design; triple-wound aluminum voice coils; neodymium ferrous magnets. Adjustable headband. FR 18-22,000 Hz; sens 94 dB; imp 60 ohms. 4.2 oz\$129

HD455 Headphones

10-ft Kevlar-reinforced OFC cord with 1/8- to 1/4-in plug. Supra-aural design; neodymium-ferrous magnets; triple-wound copper voice coils. FR 18-21,000 Hz; sens 94 dB; imp 52 ohms. 4.2 oz\$99

HD440-II Headphones

10-ft Kevlar-reinforced OFC cord with 1/8- to 1/4-in plug. Supra-aural design; radial-bead diaphragms; replaceable parts. FR 20-20,000 Hz; sens 94 dB; imp 60 ohms. 4.5 oz\$79

HD435 Headphones

10-ft Kevlar-reinforced OFC cord with 1/8- to 1/4-in plug. Supra-aural design; triple-wound voice coils. FR 22-20,000 Hz; sens 94 dB; imp 32 ohms. 4.2 oz\$59

HD56 Headphones

3-ft Kevlar-reinforced OFC cord with 1/8- to 1/4-in plug. Neodymium-ferrous magnets. FR 20-20,000 Hz; sens 100 dB; imp 32 ohms. 2.5 oz\$39

HD36 Headphones

3-ft single-entry-side Kevlar-reinforced OFC cord with 1/8- to 1/4-in plug. Triple-wound aluminum voice coils. FR 50-18,000 Hz; sens 100 dB; imp 32 ohms. 2.2 oz\$29

HD16 Headphones

3-ft Kevlar-reinforced OFC cord with 1/8- to 1/4-in plug. Radial-bead diaphragms. FR 50-17,000 Hz; sens 100 dB; imp 32 ohms. 2.1 oz\$19

Wireless Headphones

IS-850 Digital Wireless Headphones

450-sq-ft range with Toslink fiber-optic, coaxial digital, and gold RCA jacks. Infrared transmission; composite diaphragms; 6x-oversampling Delta-Sigma A/D converters; neodymium-ferrous magnets. FR 10-20,000 Hz. 11.6 oz\$1,395

IS-550 Wireless Headphones

375-sq-ft range. Interference-resistant transmitter; infrared transmission. Adjustable L/R volume control. Includes rechargeable Ni-Cd battery. FR 18-24,000 Hz. 6 oz\$359
Additional headset\$249
Additional battery\$11

IS-450 Wireless Headphones

375-sq-ft range. Infrared noise-free transmitter with auto turn-on/off. Includes rechargeable Ni-Cd battery. FR 20-20,000 Hz. 5.5 oz\$259

Additional headset\$181
Additional battery\$11

AudioLink SET-100 Wireless Headphones

375-sq-ft range. Mono. Infrared transmission. Includes spare rechargeable battery cells. FR 30-18,000 Hz. 1.2 oz\$219
Additional headset\$130

SONY

UniMatch plug is a mini-plug with a screw-on phone-plug adaptor.

MDR-IF610K Wireless Headphones

29-ft range with UniMatch plug. 30-mm drivers; neodymium magnets; copper-clad-aluminum voice coils. Surround/normal switch. Includes 12-LED transmitter and rechargeable battery. FR 18-22,000 Hz. 13 oz\$250

MDR-D77 Headphones

4.9-ft linear-crystal OFC Litz cord with gold-plated UniMatch plug. 40-mm drivers; neodymium magnets. Folding headband; collagen-composite earpads. Includes carrying case. Power handling 1 W; FR 5-30,000 Hz; sens 106 dB; imp 45 ohms. 4.9 oz\$230

MDR-D55 Headphones

4.9-ft linear-crystal OFC Litz cord with gold-plated UniMatch plug. 30-mm drivers; neodymium magnets. Folding headband. Includes carrying case. Power handling 500 mW; FR 10-25,000 Hz; sens 104 dB; imp 45 ohms. 4.2 oz\$180

MDR-IF410K Wireless Headphones

30-ft range. 30-mm drivers; 12-LED transmitter. Dual signal inputs. Auto on/off switch. Includes AC adaptor and mini-to-phonoplug adaptor. FR 18-22,000 Hz. 10 oz with AA batteries\$170

MDR-85 Headphones

6 1/2-ft single-entry-side OFC Litz cord with gold-plated UniMatch plug. 40-mm drivers; ferrite magnets; Auranoic earpads. Self-adjusting headband; cloth housing cover. Power handling 500 mW; FR 10-24,000 Hz; sens 102 dB/m/W; imp 40 ohms. 4.2 oz without cord\$60

MDR-E575 Earphones

Linear-crystal OFC Litz cord with gold-plated UniMatch plug. 16-mm drivers. Power handling 50 mW; FR 8-26,000 Hz; sens 108 dB; imp 18 ohms. 0.2 oz\$50

MDR-65 Open-Air Headphones

6 1/2-ft single-entry-side OFC Litz cord with gold-plated UniMatch plug. 30-mm drivers with copper-clad aluminum wire; neodymium magnets; proprietary bass

enhancement. Gimballed-mounted earpad support. Power handling 100 mW; FR 12-24,000 Hz; sens 106 dB/m/W; imp 24 ohms. 2.5 oz without cord\$40

MDR-E565 Earphones

4-ft linear-crystal OFC Litz cord with gold-plated UniMatch plug. 16-mm drivers; copper-clad-aluminum voice coils. Power handling 50 mW; FR 10-26,000 Hz; sens 108 dB; imp 18 ohms. 0.2 oz without cord\$40

MDR-E747 Earphones

3.9-ft OFC Litz cord with gold-plated right-angle mini-plug. 16-mm drivers; neodymium magnets. Includes carrying case. Power handling 100 mW; FR 10-23,000 Hz; sens 108 dB; imp 16 ohms. 0.2 oz\$30

MDR-55 Open-Air Headphones

6 1/2-ft single-entry-side OFC Litz cord with gold-plated UniMatch plug. 30-mm drivers with copper-clad aluminum wire; neodymium magnets; proprietary bass enhancement. Power handling 100 mW; FR 14-24,000 Hz; sens 105 dB/m/W; imp 24 ohms. 2.3 oz without cord\$30

MDR-A44L In-Ear Headphones

4-ft OFC cord with gold-plated right-angle mini plug. 16-mm drivers; proprietary bass enhancement and efficiency improvement; neodymium magnets. Folding design with 3 hinges; double headband for stability. Power handling 50 mW; FR 10-23,000 Hz; sens 108 dB/m/W; imp 16 ohms. 0.9 oz without cord\$25

MDR-35 Open-Air Headphones

6 1/2-ft single-entry-side OFC Litz cord with gold-plated UniMatch plug. 30-mm drivers with copper-clad aluminum wire; proprietary bass enhancement. Power handling 100 mW; FR 16-20,000 Hz; sens 104 dB/m/W; imp 24 ohms. 2.6 oz without cord\$25

MDR-E335 Earphones

3 1/2-ft OFC Litz cord with gold-plated right-angle plug. 13.5-mm drivers; samarium-cobalt magnets; copper-clad-aluminum voice coils. Power handling 50 mW; FR 16-22,000 Hz; sens 104 dB; imp 16 ohms. 0.18 oz without cord\$20

MDR-A34L In-Ear Headphones

4-ft OFC cord with gold-plated right-angle mini-plug. 16-mm drivers; proprietary bass enhancement and efficiency improvement; neodymium magnets. Folding design with 3 hinges. Power handling 50 mW; FR 10-23,000 Hz; sens 108 dB/m/W; imp 16 ohms. 0.7 oz without cord\$19.99

MDR-25 Open-Air Headphones

6 1/2-ft cord with UniMatch plug. 30-mm drivers with copper clad aluminum wire; proprietary bass enhancement. Power handling 100 mW; FR 16-20,000 Hz; sens 102 dB/m/W; imp 24 ohms. 2.5 oz without cord\$19.99

MDR-CD10 Headphones

3 1/2-ft cord with UniMatch plug. 13.5-mm drivers; samarium-cobalt magnets; copper-clad-aluminum voice coils. Power handling 100 mW; FR 20-20,000 Hz; sens 95 dB; imp 32 ohms. 0.18 oz\$19.99

MDR-W24V In-Ear Headphones

3 1/2-ft cord with nickel-plated right-angle mini-plug. 13.5-mm drivers; proprietary bass enhancement and efficiency improvement; neodymium magnets. Cord-mounted volume control. Power handling 50 mW; FR 18-22,000 Hz; sens 104 dB/m/W; imp 16 ohms. 0.5 oz without cord\$15.49

MDR-15 Open-Air Headphones

6 1/2-ft cord with UniMatch plug. 30-mm drivers with copper-clad aluminum wire; proprietary bass enhancement. Power handling 100 mW; FR 18-20,000 Hz; sens 100 dB/m/W; imp 24 ohms. 2.1 oz without cord\$14.99

Digital Reference Series

MDR-CD3000 Headphones

9.8-ft OFC Litz cord with gold-plated UniMatch plug.



Sennheiser HD455 supra-aural headphones

HEADPHONES

50-mm drivers; neodymium magnets; copper-clad-aluminum voice coils. Collagen-composite earpads. Power handling 1 W; FR 20-20,000 Hz; sens 104 dB; imp 32 ohms. 14 oz without cord\$700

MDR-CD1000 Headphones

9.8-ft linear-crystal OFC Litz cord with gold-plated UniMatch plug. 50-mm drivers; neodymium magnets; copper-clad-aluminum voice coils. Collagen-composite earpads. Power handling 1 W; FR 20-20,000 Hz; sens 104 dB; imp 32 ohms. 10.5 oz without cord\$350

MDR-CD950 Headphones

9.8-ft linear-crystal OFC Litz cord with gold-plated UniMatch plug. 50-mm drivers; neodymium magnets; copper-clad-aluminum voice coils. Power handling 1 W; FR 20-20,000 Hz; sens 102 dB; imp 32 ohms. 10.5 oz without cord\$300

MDR-CD750 Headphones

9.8-ft linear-crystal OFC Litz cord with gold-plated UniMatch plug. 40-mm drivers; neodymium magnets; copper-clad-aluminum voice coils. Power handling 500 mW; FR 20-20,000 Hz; sens 100 dB; imp 45 ohms. 10.2 oz without cord\$200

MDR-CD850 Headphones

9.8-ft linear-crystal OFC Litz cord with gold-plated UniMatch plug. 50-mm drivers; neodymium magnets; copper-clad-aluminum voice coils. Power handling 1 W; FR 20-20,000 Hz; sens 102 dB; imp 32 ohms. 10.5 oz without cord\$250

MDR-D33 Headphones

4.9-ft OFC Litz cord with gold-plated UniMatch plug. 30-mm drivers; neodymium magnets; copper-clad-aluminum voice coils. Folding headband. Power handling 500 mW; FR 10-25,000 Hz; sens 104 dB; imp 45 ohms. 4.2 oz\$130

MDR-CD550 Headphones

9.8-ft cord with gold-plated UniMatch plug. 40-mm drivers; neodymium magnets; copper-clad-aluminum voice coils. Power handling 500 mW; FR 20-20,000 Hz; sens 100 dB; imp 45 ohms. 9.5 oz without cord\$120

MDR-CD450 Headphones

9.8-ft cord with gold-plated UniMatch plug. 30-mm drivers; neodymium magnets; copper-clad-aluminum voice coils. Power handling 500 mW; FR 20-20,000 Hz; sens 100 dB; imp 24 ohms. 9.1 oz without cord\$100

MDR-CD350 Headphones

9.8-ft cord with gold-plated UniMatch plug. 30-mm drivers; neodymium magnets; copper-clad-aluminum voice coils. Power handling 500 mW; FR 20-20,000 Hz; sens 100 dB; imp 24 ohms. 6.7 oz without cord\$80

MDR-CD250 Headphones

9.8-ft OFC Litz cord with gold-plated UniMatch plug. 30-mm drivers; copper-clad-aluminum voice coils. Power handling 500 mW; FR 20-20,000 Hz; sens 98 dB; imp 24 ohms. 7.4 oz without cord\$50

MDR-CD50 Headphones

6.6-ft cord with gold-plated UniMatch plug. 30-mm drivers; copper-clad-aluminum voice coils. Power handling 500 mW; FR 20-20,000 Hz; sens 98 dB; imp 24 ohms. 7.4 oz without cord\$40

MDR-CD30 Headphones

6.6-ft cord with gold-plated UniMatch plug. 23-mm drivers. Power handling 500 mW; FR 20-20,000 Hz; sens 96 dB; imp 18 ohms. 7 oz without cord\$30

Studio Monitor Series

MDR-V900 Headphones

9 $\frac{1}{2}$ -ft single-entry-side Class 1 linear-crystal OFC coiled cord with gold-plated UniMatch plug. circumaural reversible earcups; Aurasonic 50-mm drivers with amorphous diamond evaporated diaphragms; neodymium magnets; OFC voice coils. Folding de-

sign; headband cushioning. Includes carrying case. Power handling 3 W max; FR 5-30,000 Hz; sens 107 dB/m/W; imp 24 ohms. 10.5 oz without cord ...\$260

MDR-V600 Headphones

9 $\frac{1}{2}$ -ft single-entry-side OFC coiled cord with gold-plated UniMatch plug. Circumaural reversible earcups; Aurasonic 40-mm drivers; neodymium driver magnets and copper-clad-aluminum voice coils. Folding design; headband cushioning. Includes carrying case. Power handling 1 W max; FR 5-30,000 Hz; sens 106 dB/m/W; imp 45 ohms. 9.1 oz without cord\$130

MDR-V400 Headphones

9 $\frac{1}{2}$ -ft single-entry-side OFC cord with gold-plated UniMatch plug. Supra-aural design; 30-mm drivers; neodymium magnets; copper-clad-aluminum voice coils. Folding design; cushioned headband. Power handling 500 mW max; FR 10-25,000 Hz; sens 104 dB/m/W; imp 24 ohms. 5.6 oz without cord\$90

MDR-V200 Headphones

9 $\frac{1}{2}$ -ft OFC cord with gold-plated UniMatch plug. Supra-aural design; 30-mm drivers; ferrite driver magnets; copper-clad-aluminum voice coils. Folding design. Power handling 500 mW max; FR 16-20,000 Hz; sens 100 dB/m/W; imp 24 ohms. 4.6 oz without cord\$50

MDR-V100II Headphones

6 $\frac{1}{2}$ -ft cord with gold-plated UniMatch plug. Supra-aural design; 23-mm drivers; ferrite driver magnets. Power handling 100 mW max; FR 20-20,000 Hz; sens 98 dB/m/W; imp 32 ohms. 4.9 oz without cord ...\$30

STANTON

SRS-275 Headphones

Features semi-open-air design. FR 5-22,000 Hz; sens 101 dB/m/W; imp 100 ohms. 8.6 oz\$202

DJ PRO 1000 Headphones

10-ft cord with gold-plated phone plug\$94

SRS-215 Headphones

10-ft cord with mini-plug. Features semi-closed design. Includes plug adaptor. FR 20-20,000 Hz; imp 50 ohms/ch\$76

ST-2 Headphones

FR 20-22,000 Hz; sens 100 dB/m/W; imp 32 ohms. 5 oz with adaptor plug\$38

LS-1 Headphones

Includes mini- and phone-plug adaptors. FR 20-20,000 Hz; sens 92 dB; imp 32 ohms. 1 oz\$19

STAX

The following feature an electrostatic drive system unless otherwise noted.

SR-Sigma Pro T1 Headphones

Features panoramic imaging. With SRM-T1 tube-output-stage amplifier\$2,300

SR-Sigma Pro #1 Headphones

With SRD-7/Mk2 adaptor to accept input from power-amplifier output\$1,900

SR-Lambda Signature T1 Headphones

Features semi-panoramic imaging. With SRM-T1 tube-output-stage amplifier\$1,600

Nova Classic Headphones

Features low reflective sound wave electrodes. With SRM-3 solid-state Class A direct-drive amplifier\$1,500

SR-Gamma Pro #1 Headphones

With SRD-7/Mk2 adaptor to accept input from power-amplifier output\$1,100

SR-Lambda Signature Xh Headphones

With SRM-Xh micro direct-drive amplifier ...\$1,000

SR-Gamma Pro Xh Headphones

Features oval shape. With SRM-Xh micro direct-drive amplifier\$1,000

Nova Basic Headphones

Features low reflective sound wave electrodes. With SRM-Xh micro direct-drive amplifier\$800

SR-Lambda Normal Headphones

Features semi-panoramic imaging. With SRD-7/Mk2 adaptor to accept input from power-amplifier output\$800

SR-Gamma Normal Headphones

Features oval shape. With SRD-6sb transformer adaptor\$700

SR-5NB Headphones

Features round shape. With SRD-6sb transformer adaptor\$600

SR-84 Pro Headphones

Features electret design; permanently charged diaphragms. With SRD-4 transformer adaptor ...\$400

SR-34 Pro Headphones

Features electret design; permanently charged diaphragms. With SRD-4 transformer adaptor ...\$300

SR-Omega Series

The following include the SR-Omega open-air electrostatic headphones, which feature gold-plated copper-wire mesh electrodes and low-capacitance cable.

SR-Omega T2. With SRM-T2 tube source-switching amplifier with remote power supply\$13,000

SR-Omega W. With SRM-T1W passive line amplifier with tube output stage\$6,000

SR-Omega S. With SRM-T1S balanced/RCA-input amplifier with tube output stage\$5,000

SR-Omega T1. With SRM-T1 tube-output-stage amplifier\$4,400

Nova Signature Series

The following include the Nova Signature headphones, which feature low reflective sound wave electrodes, low-capacitance cable, and a self-adjusting headband.

Nova Signature W. With SRM-T1W passive line amplifier with tube output stage\$3,200

Nova Signature S. With SRM-T1S balanced/RCA-input amplifier with tube output stage\$2,600

Nova Signature T1. With SRM-T1 tube-output-stage amplifier\$2,000

TECHNICS

RP-F30 Headphones

OFC cord. 1 $\frac{1}{2}$ -in woofer and 1 $\frac{1}{2}$ -in tweeter with neodymium magnets in each earcup. FR 2-30,000 Hz\$290

RP-F20 Headphones

OFC cord. 1 $\frac{1}{2}$ -in drivers; neodymium magnets. FR 3-30,000 Hz\$230

RP-F10 Headphones

OFC cord. 1 $\frac{1}{2}$ -in drivers; neodymium magnets. FR 4-30,000 Hz\$190

RP-F12 Headphones

10-ft OFC cord. 1 $\frac{1}{2}$ -in drivers; neodymium magnets. FR 5-30,000 Hz\$160

RP-HT116 Headphones

10-ft OFC cord. Neodymium magnets. FR 7-28,000 Hz\$90

RP-HT86 Headphones

10-ft OFC cord. 1 $\frac{1}{2}$ -in drivers. Urethane-leather head pad. FR 8-28,000 Hz\$60

RP-HT77 Headphones

10-ft OFC cord. 1 $\frac{1}{2}$ -in drivers. FR 10-27,000 Hz\$50

ACROTEC

Speaker Cable

8N-S1080. 8N (99.99999% pure) copper terminated with 6N (99.9999% pure) gold spades. 4, 3, 2.5, and 2 m\$2,995 to \$1,295/pr
 Unterminated\$300/m

6N-S1040. 100 strands of 6N copper\$110/m
6N-1010. 6N copper\$40/m
6N-S1030. 1.2-mm diameter 6N copper.\$25/m

Interconnect Cable

8N-A2080. 3, 2, 1.5, 1, and 0.6 m\$1,895 to \$700/pr
8N-A2090. Balanced. 2 m\$1,495/pr
 Unbalanced. 1 m\$895/pr

6N-A2010. 6N copper wire with press-bonded gold-plated 6N copper RCA terminals. 1.5 m\$550/pr
 1 m\$500/pr

6N-A2030. 6N copper-center conductors; shielded. Neutrik press-bonded gold-plated balanced-XLR connectors. 2 m\$450/pr
 Unbalanced. 1 m\$250/pr

6N-D5010. Digital cable. 1 and 0.6 m\$250, \$200

6N-A2050. 6N copper. 1.5, 1, 0.6 m\$190 to \$120/pr

G0020. Spade connectors. 4 pk\$120

ALON

Black Orpheus Speaker Cable. Discrete 13-gauge silver-clad OFC coaxial conductor for bass and 13-gauge silver-clad OFC and OFC stranded uniaxial construction for midrange and high frequencies. Gold-plated spade connectors. 10-ft triwire set\$550
 10-ft biwire set\$400

ALPHA CORE

Gortex MI Flat Speaker Cable. 13 gauge. Flat low-inductance copper design. Available in 25-, 75-, or 150-ft can with matching terminators\$4.20/ft
 10-gauge copper\$7.90/ft
 9-gauge solid silver\$58/ft
 12-gauge solid silver\$33/ft

AMERICAN HYBRID TECHNOLOGY

Ultra Resolution Speaker Cable. 4 pcs. 10 ft\$300

Ultra Resolution Digital Link. 1 m\$200

B Squared Twin Balanced Interconnect Cable
 Copper conductor; Neutrik XLR connectors. Custom lengths available.
 30, 25, 20, 15, and 10 ft\$1,050 to \$570/pr
 2.5, 2, 1.5, and 1 m\$470 to \$350/pr

Ultra Resolution Interconnect Cable
 With WBT RCA connectors.
 30, 25, 20, 15, and 10 ft\$670 to \$430
 2.5, 2, 1.5, and 1 m\$410 to \$350

AMERICAN RECORDER TECHNOLOGIES

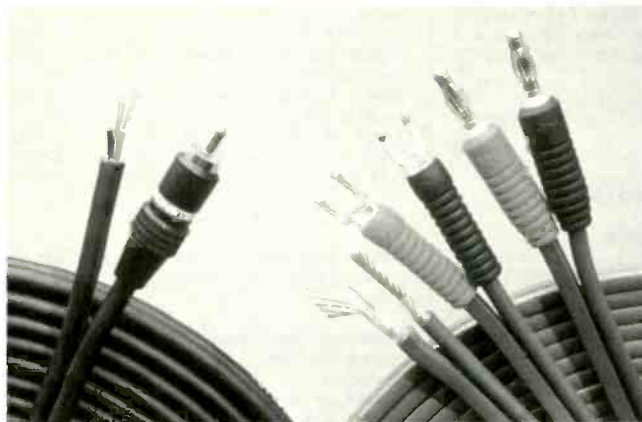
Neutrik Interconnect Cable. With RCA or XLR connectors. 5, 4, 3, 2, 1, and 0.5 m\$119 to \$59
Neutrik RCA Connector.\$25/pr
Neutrik XLR Connector.\$25/pr
Neutrik Cable.\$6.60/m

APATURE

Speaker Cable

J Twin. Twin Accusound silver. Choice of connectors. 15, 10, and 6 ft\$470 to \$200
 Bulk spool. 100 ft\$15/ft

JJ Twin. Accusound BL-4 silver. Choice of connectors. 15, 10, and 6 ft\$220 to \$100
 Bulk spool. 100 ft\$7/ft



Monster Cable Home Theatre Series speaker cable and connectors

SS Twin. Twin silver-strand Teflon. 15, 10, and 6 ft\$198 to \$90
 Bulk spool. 100 ft\$6/ft

Model I. BL-2 solid-core OFC. 15, 10, and 6 ft\$70 to \$35
 Bulk spool. 250 ft\$2/ft

TM-PRO. 12 gauge. 880 strands; OFC. 500 ft \$1.50/ft
Model L. 12 gauge. 500 ft\$1/ft
TM-12. 12 gauge. 250 ft\$0.79/ft
Model M. 16 gauge. 500 ft\$0.60/ft
Model N. 18 gauge. 1,000 ft\$0.30/ft

Model EE. UL Class 3. 12 gauge. Foot markers; shielding. 250 ft\$1.50/ft
Model F. UL Class 3. 16 gauge. 500 ft\$1.50/ft
Model O4. UL Series 3. 16 or 18 gauge. Balanced line with twin shield. 500 ft\$1.50/ft
Model E. UL Class 3. 16 gauge. 1,000 ft\$0.75/ft

Interconnect Cable

Model JJ. Accusound silver BL-4. 6-, 3-, and 1½-ft pr\$90 to \$60
 Bulk spool. 100 ft\$4/ft

Model SS. Silver-strand Teflon. 6-, 3-, and 1½-ft pr\$75 to \$50
 Bulk spool. 100 ft\$3/ft

Model I. Black Beauty BL-2 balanced line. 6-, 3-, and 1½-ft pr\$60 to \$40
 Bulk spool. 100 ft\$2/ft

Model HD. OFC copper. Gray. 6-, 3-, and 1½-ft pr\$50 to \$35

Model GT. Triwiring ribbon. 10- and 6-ft pr\$30, \$25

Model G. Poly dielectric insulation. Clear. 6-, 3-, and 1½-ft pr\$30 to \$20

Model GG. Low capacitance. 16½-, 12½-, 10-, 6-, 3-, and 1½-ft pr\$20 to \$7.99

Gold-Plated Speaker Connectors

Model 7. Gold S-less dual banana plugs. Clear\$10
Model 5. Gold S-less banana plug\$4
Model 6. Gold S-less spade connector\$4
Model 4. Gold S-less pin\$2.50
Model 2. Gold crimp banana plug; insulated\$2
Model 3. Gold crimp spade connector; insulated\$1
Model 1. Gold crimp pin; insulated\$1

Gold-Plated RCA Connectors

Model 40. Teflon connector. 6 or 8 mm\$10
Model 29. Gold Y adaptor. 1 plug to 2 jacks\$10
Model 18. Right-angle adaptor\$5
Model V. Adaptor. RCA to F\$5
Model 9. 5- or 6-mm gold\$2.50
Model DF. 2 RCA jacks\$2.50
Model 31. 6-mm jack\$2.50
Model X. Gold F connector. 2 pk\$2

AUDIENCE

Konductor Interconnect Cable. 24-karat gold-plated connectors; low sens to RFI and EMI. Other lengths available. Quasi-balanced 1-m pr\$232
 Balanced 1-m pr\$152

Konductor Speaker Cable. 24-karat gold-plated solid-copper spade lugs. Custom terminations available. \$45/pr preparation fee\$9/ft

AUDIO ALCHEMY

DST Digital Interconnect System. Separate send and receive modules with external power supply; conversion of format from Toslink to coaxial. Coaxial or AES/EBU and Toslink inputs. Selectable 110- or 75-ohm imp. Custom length available. 1 m\$259

ClearLink Interconnect Cable. RCA connectors. Custom lengths available. 3, 2.5, 2, 1.5, and 1 m\$159 to \$119
 1 ft\$69

ST Connect. Glass fiber-optic digital cable\$119

ClearStream. Coaxial RCA digital interconnect cable. 1 m\$89

Toslink Cable. Fiber-optic cable. 1 m\$29

AUDIO INSURGENTS

ByteRight V 5.1 Coaxial Digital Cable. Canare connectors. Solid-core copper center conductor and braided shield; Teflon dielectric and outer jacket. 1 m\$289
 Each additional m\$86

Congruent Speaker Cable. Gold-plated Mogami spade connectors. Over 400 strands per conductor. 8-ft pr\$289
 Each additional ft\$32

ByteRight V 4.1 Coaxial Digital Cable. Canare connectors. Solid-copper center conductor and braided shield; Teflon dielectric. 75 ohms. 1 m\$229
 Each additional m\$70

Phi Beta Squared Interconnect Cable. Canare connectors. Over 200 strands per conductor; OFC. 1 m\$189
 Each additional m\$66

Phi Beta Interconnect Cable. Canare connectors. Shielding; stranded- and solid-core copper conductors. 1 m\$140
 Each additional m\$50

Congenial Speaker Cable. Gold-plated Mogami spade connectors. Stranded- and solid-core copper conductors. 6-ft pr\$139
 Each additional ft\$16

CABLES & CONNECTORS

ByteRight V 3.1 Coaxial Digital Cable. Mogami connectors. Stranded-copper center conductor and braided shield; Teflon dielectric and outer jacket. 75 ohms. 1 m\$129
Each additional m\$40
ByteRight V 2.1. As above, without Teflon dielectric or outer jacket. 1 m\$60
Each additional m\$18

AUDIO NOTE

Pure Silver Interconnect Cable

AN-VX. 2, 1.5, 1, and 0.5 m\$1,600 to \$550/pr
AN-V. 2, 1.5, 1, and 0.5 m\$550 to \$200/pr

Pure Silver Speaker Cable

AN-SP. 1/4 in. Multiple-coated Litz. Gray\$200/ft
AN-SPX. 1/4 in. Multiple-coated Litz. Gray\$85/ft
Silver spade connectors for either of above.\$85/set

Pure Copper Interconnect Cable

AN-C. 2, 1.5, 1, and 0.5 m\$150 to \$70/pr
AN-A. 2, 1.5, 1, and 0.5 m\$70 to \$40/pr

Pure Copper Speaker Cable

AN-L. 1/4 in. Multiple-coated Litz. Blue\$19/ft
Gold banana connectors for AN-L.\$65/set
AN-D. 1/2-in. Dual conductors. Green\$5/ft
Gold banana connectors for AN-D.\$50/set

Connectors

AN-P RCA Plugs. Solid-silver.\$200/set
XLR Connectors. Balanced.\$200/set
BNC Connectors.\$150/set

AUDIO POWER INDUSTRIES

Power Link AC Power Cord

3-prong plug. Silver-plated military-spec wire; all-Teflon insulation. 13 gauge, 4 ft\$139

AUDIOQUEST

Mini Adaptor Z. Y adaptor. 2 RCA's to 1 stereo mini plug. Teflon/FPC-6 copper cable. 1 m\$98
Mini Adaptor X. As above, Teflon/LGC\$49

Jumper Cables. Designed to replace pre-out/main-in loop cable. FPS silver and Teflon\$39

Fiber-Optic Digital Cables

Available in lengths of 1, 2, 3, 6, 9, or 12 meters. Prices listed are for 1 meter.

OptiLink Z. Toslink. Blue\$198
OptiLink Pro 1. AT&T ST connector. 500 MHz\$175
OptiLink X. Toslink. Burgundy\$98

Coaxial Digital Cables

Available in 1/2-meter increments with RCA or BNC connectors. Prices listed are for 1 meter.

Digital/Video Pro. Double balanced. Solid FPS silver\$165
Digital/Video Z. Double balanced. Solid FPC-6 copper\$85
Digital/Video X. Double balanced. Solid LGC copper\$45

Interconnect Cable

Available in 1/2-meter increments. Prices listed are for a 1-meter pair.

Quartz. Triple balanced. Solid FPC-6\$165
Ruby. Double balanced. Solid FPC copper\$98
Topaz. Double balanced. Solid LGC\$60
Turquoise. Double balanced design. Solid LGC; CL-3 rating\$39
Jade. Symmetrical coaxial. Solid LGC; CL-3 rating\$25

Speaker Cables and Connectors

Available with a choice of connector.

Model 2002. Double banana plug. 2 pk\$30
Model 1002. Banana plug. 4 pk\$18
Midnight. 16-conductor Hyperlitz. FPC copper. \$75/pr prep fee\$12.50/ft
Crystal. 12-conductor Hyperlitz. FPC/LGC copper. \$75/pr prep fee\$7.50/ft

Indigo. 8-conductor Hyperlitz. FPC/LGC copper. \$75/pr prep fee\$5/ft
Type 6. 6-conductor Hyperlitz. LGC copper. \$50/pr preparation fee\$3.75/ft
Type 4. 4-conductor Hyperlitz. LGC copper. \$45/pr preparation fee\$2.50/ft
Type 2. 4-conductor Hyperlitz. LGC copper\$1.50/ft
F-18. Flat. LGC copper. Brown or white\$1.95/ft
F-14. Flat. LGC copper. Blue or white\$0.95/ft

AUDIOSTREAM

A-600/1 Interconnect Cable. Balanced. Features double shielding and Teflon-insulated connectors. 1-m pr\$80

A-500 Interconnect Cable

OFC copper, double shielding, and Teflon-insulated connectors.

A-500/2. 2-m pr\$45
A-500/1. 1-m pr\$40
A-500/5. 0.5-m pr\$38
A-500/250. 250-ft roll\$0.69/ft

A-400 Interconnect Cable

OFC copper and double shielding.

A-400/5. 5-m pr\$25
A-400/1. 1-m pr\$9.95

Connectors

AS-550/DB. Gold dual banana plugs for cable up to 6 gauge. 2 pk\$19.95
AS-400/R. Gold RCA plugs. 4 pk\$19.95
AS-450/Y. Gold RCA Y adaptor. RCA plug to 2 RCA jacks. 2 pk\$19.95
AS-500/SB. Gold banana plug for cable up to 10 gauge. 4 pk\$9.95
AS-700/P. Gold pln with screw lock for cable up to 10 gauge. 4 pk\$9.95
AS-800S. Gold crimp-on 1/4-in spade connector for cable up to 10 gauge. 4 pk\$4.95

Timeline Speaker Cable

Helical spiral conductors.

TL-6/Mk2. 6-conductor spiral array\$0.99/ft
TL-4. 4-conductor spiral array\$0.60/ft
TL-2. 2-conductor spiral array\$0.25/ft

Ultraline Speaker Cable

99.9% copper and parallel conductors.

AC-50. 210 strands in each of 2 conductors\$0.75/ft
AC-10. 133 strands in each of 2 conductors\$0.50/ft
AC-7. 65 strands in each of 2 conductors\$0.25/ft

MC In-Wall Speaker Cable

Helical spiral conductors and UL-CM rating.

MC-4. 2+2-conductor spiral array\$0.60/ft
MC-2. 2-conductor spiral array\$0.30/ft

AUDIOTRUTH

OptiLink Pro 2 Fiber-Optic Digital Cable

AT&T ST connector; ceramic plugs. Available in 1-, 2-, 3-, 6-, 9-, or 12-m lengths.\$295/m

Interconnect Cables

Available in 1/2-meter increments. Prices listed are for a 1-meter pair.

Diamond X 3. Teflon Air-Hyperlitz conductors; FPS silver. XLR connectors\$950
Diamond X 2. As above, RCA connectors\$695
Lapis. Triple-balanced Hyperlitz. FPS silver: Teflon\$495
Emerald. Triple-balanced Air-Hyperlitz. Teflon. FPC-6\$350
Opal. Triple-balanced Air-Hyperlitz. Polypropylene. FPC-6\$225

Coaxial Digital Cables

The following triple-balanced cables meet AES/EBU standards. Available in 1/2-meter increments with RCA or BNC connectors. Prices listed are for 1-meter lengths.

Diamond X 3. Solid FPS silver\$475
Lapis X 3. Solid FPS silver\$295
Emerald X 3. Solid FPC-6\$225

Speaker Cables and Connectors

Available with choice of connector.

Dragon. 16-conductor Hyperlitz. Pure long-grain FPS silver. \$95/pr prep fee\$175/ft
Sterling. 16-conductor Hyperlitz. FPS silver/FPC-6 copper. \$95/pr prep fee\$100/ft
Clear. 16-conductor Hyperlitz. FPC-6 copper. \$95/pr prep fee\$65/ft
Argent. 8-conductor Hyperlitz. FPS silver/FPC-6 copper. \$75/pr prep fee\$40/ft
Cobalt. 12-conductor Hyperlitz. FPC-6/FPC copper. \$75/pr prep fee\$25/ft

BATON

Model 800 Speaker Cable. Spade connectors. Matched set of four cables. Teflon insulation. WBT banana plugs optional. 3-yr warranty. 2 m\$675
Additional feet per set\$100

Model 900 Interconnect Cable. WBT RCA plugs. Teflon insulation; shielding. XLR connectors optional. 3-yr warranty. 1-m pr\$495
Additional 1/2-m pr\$100

Model 700 Digital Interconnect Cable. XLR connectors. Teflon insulation; shielding. 3-yr warranty. 2 ft\$248

BEL

S24 Speaker Cable. 8 gauge with copper spade lugs. 3-m pr\$615
S12. 11 gauge\$365

P1 Interconnect Cable. With Neutrik RCA plugs. 10-m pr\$376
1-m pr\$150

BIC AMERICA

4 BJP Wall Binding Posts. 2 pr 5-way binding posts in white wall plate\$14

2 BJP Wall Binding Posts. 1 pr 5-way binding posts in white wall plate\$9

BRYSTON

Interconnect Cable

The following are available in RCA-to-RCA, RCA-to-XLR, and XLR-to-XLR balanced versions, all with gold-plated connectors.

2-, 1-, and 1/2-m pr\$129 to \$89
Each additional meter\$30

CABLE TECHNOLOGIES

SC. Biwire speaker cable. 8 ft\$875

Interconnect Cable

CBI. Balanced; XLR plugs. 100 ohms. 3, 2, and 1 m\$1,700 to \$1,300
Digital version with SPDIF BNC plugs. 75 ohms. RCA plugs available. 1.5, 1, and 0.5 m\$400 to \$200

CSI. RCA plugs. 50 ohms. 1.5, 1, and 0.5 m\$1,300 to \$900

SI/1. RCA plugs. 50 ohms. 1.5, 1, and 0.5 m\$800 to \$600
SI/2. 1.5, 1, and 0.5 m\$280 to \$180

BI/2. Balanced; XLR plugs. 100 ohms. 1.5, 1, and 0.5 m\$400 to \$250

BI/2. Digital cable with SPDIF BNC plugs. 75 ohms. RCA plugs available. 1.5 m\$230
1 and 0.5 m\$180 and \$130

CALRAD

Wall Jacks

2B-101. Two pairs of 5-way gold-plated binding posts\$9.55
2B-100. As above, single pair\$6.85

28-103. Two pairs of recessed gold-plated banana jacks\$8.25
28-102. As above, single pair\$6.25

28-108. Triple gold-plated RCA jacks with single coaxial and feed-through F connector\$7.25
28-107. As above, double version\$6.75

28-105. Double RCA jacks. Gold-plated leads\$5.95
28-104. As above, single version\$5.25

28-111. Triple coaxial jacks with feed-through F gold-plated connectors\$6.75
28-110. As above, double version\$5.95
28-109. As above, single version\$5.25

Wall Inserts

28-127. Two RCA jacks and one BNC jack. Gold plated\$4.75
28-119. Gold-plated XLR jack\$4.50
28-118. Gold plated XLR plug\$4.25
28-126. Dual gold-plated BNC jacks\$3.98
28-125. Single gold-plated BNC jack\$3.50
28-117. Gold-plated 1/4-in mono jack\$3.25

CAMELOT TECHNOLOGY

Sir Bors Reference. AC power cord\$299
Sir Percival. AC power cord\$125
RCA Plugs\$8/pr

Speaker Cable

Sir Tristan. Available in bulk quantities. 15 ft\$265
 10 ft\$185
 8 ft\$150

Digital Cable

Excalibur Series II. Digital interface cable\$125
Excalibur III. AES/EBU digital cable\$125

Interconnect Cable

Sir Galahad. Available in bulk quantities. 6 ft\$115
 3 ft\$85

CANTON

Cantolink Interconnect Cable

Features Thermoplast coating.
Cantolink 40. 12 gauge copper\$1.83/ft
Cantolink 25. 14 gauge copper\$1.22/ft
Cantolink 15. 16 gauge copper\$0.91/ft

CARDAS

Speaker Cable

Hexlink Golden 5C. 10-ft pr\$1,360
Hexlink. 10-ft pr\$895
Quadlink-Five. 10-ft pr\$409
Twlnlink-A. 10-ft pr\$235

Interconnect Cable

Cardas Golden Cross. 1-m pr\$750
Cardas Cross. 1-m pr\$398
Quadlink-Five. 1-m pr\$209
300b Microtwin. 1-m pr\$115

CELLO

Cello String III Speaker Cable. 2 Litz wire conductors separated by a 0.2-in web. Sold in group of 6 with triwiring harness. 6 m\$3,600
 3 m\$1,800

Cello String II Speaker Cable. Sold in groups of 6 with triwiring harness. Red or black. 9 m\$850
 6 m\$600
 3 m\$460

Cello String I Interconnect Cable. Fischer connector on each end. Designed for balanced connections. 3-conductor shielded design; OFC Litz wire in Teflon jacket. 2 m\$596
 Above with Fischer connector on one end, XLR connector on other\$542
 Above with Fischer connector on one end, RCA connector on other\$516

Above with XLR connector on each end\$488
 Above with XLR connector on one end, RCA connector on other\$464
 Above with RCA connector on each end\$440

DB SYSTEMS

DBP-12X. Dual interconnect cable with DBP-13PX plugs. Custom length or DBP-13P plugs available. 10 m\$126
DBP-12X/1m. As above, 1 m\$89
DBP-15. Gold-plated Y adaptor. One RCA plug to 2 RCA jacks. 4 in. 2 pk\$12.95
DBP-14. Gold-plated spade lugs for 10- to 12-gauge wire. Solder or crimp connect. 8 pk\$5.95

Gold-Plated RCA Connectors

DBP-13PX. Plug with 5-piece construction, Teflon dielectric, and ground compression ring for strain relief. For cable up to 1/4-in thick. 2 pk\$35
DBP-13PM. Shielded plug with gold-plated brass cap. 8 pk\$30
DBP-13P. Ebony-hydrocarbon cap. 8 pk\$17.95
DBP-13JR. Solid-brass jack for rear-panel mounting in 3/8-in hole. Includes mounting hardware. 8 pk\$30
DBP-13J. As above, for 1/4-in hole.\$15.95
DBP-13JC. Ferrous jack with ceramic insulators. Printed circuit mount. 8 pk\$15.95

Banana Plugs

DBP-9P. Double banana plugs. Gold-plated with set-screw security. 2 pk\$17.95
DBP-9J. Dual gold-plated 5-way binding posts. 30 amperes. 2 pk\$17.95
DBP-9. Nickel-plated solderless design for up to 12-gauge wire. 8 pk\$13.95
DBP-9AU. As above, gold plated\$25
DBP-9H. Handles for DBP-9 or 9AU. 8 pk\$3.50

EMERSON BY JASCO

AV3605 Power Cord. Replacement cord for portable audio systems. Polarized. UL and CSA listed\$2.95

Speaker Cable

AV2631. Flat design for under-carpet or on-wall installation. OFC stranding; PVC insulation. Includes 8 adaptors. 50 ft\$28
AV2620. OFC stranding; PVC insulation. 50 ft\$26
AV2619. As above, 20 ft\$13.95
AV2621. 14 gauge. 25 ft\$9.95
AV2622. 18 gauge. Polarized. 50 ft\$8.95
AV2608. Shielded cable with 2 RCA plugs at each end\$3.49
AV2607. As above, 6 ft\$2.95

Interconnect Cable

AV2627. Dual RCA plugs on both ends. Shielded. 6 ft\$8.95
AV2628. Dual RCA cable connects 2 cables to 1 input or output connection. Two RCA plug and jack combinations to two RCA plugs. 6 ft\$3.95
AV2608. 2 RCA plugs at each end. Shielded. With 2 RCA-jack to RCA-jack extension adaptors. 15 ft\$3.49
AV2605. RCA-plug to RCA-plug cable. Shielded. With RCA-jack to RCA-jack adaptor. 15 ft\$3.49
AV2607. As AV2608, 6 ft\$2.95
AV2606. As AV2605, 6 ft\$1.95

Adaptors

AV2600 Headphone Adaptor Kit
 Includes phone-plug to mini-plug adaptor, mini-plug to phone-plug adaptor, and stereo mini-plug to mono mini-plug adaptors\$4.95
AV2602. Y adaptor. Mini plug to 2 RCA plugs. 6 ft\$2.95
AV3204. Y adaptor. RCA plug to 2 RCA plugs. 6 ft\$2.49
AV2601. Y adaptor. RCA plug to 2 RCA jacks\$1.95
AV2603. Adapts mini plug to phone plug\$1.49

ENSEMBLE

Voicflux Speaker Cable. Resonance-damping sleeve; surrounding copper shielding. 10-ft pr\$575

Supraflex Interconnect Cable. 8-mm diameter with gold-plated connectors. Symmetrical balanced topology; copper shield. 1-m pr\$270

ogy; copper shield. 1-m pr\$270

Digiflux 75 Coaxial Digital Cable. RCA and BNC connectors; double shielding. 1 m\$220

Powerflux Power Cable. 9.5-mm diameter. Designed to reduce interaction with signal-carrying cable. Helically wound copper conductors insulated by air-tight dielectric; interference-rejecting topology; electrostatic shield; internal resonance damping. 1 m\$150

RCA Phono Plugs. Gold plated.\$20

Spade Connector. Gold-plated copper\$5

Banana Plug. Gold-plated copper\$5

ESOTERIC AUDIO

Interconnect Cable

15812 Artus Hyper-Balanced. Locking RCA connectors or Neutrik XLR connectors. Silver-plated conductors; Teflon-insulated vacuum-drawn OFC inner and outer conductors in Tubular Geometry. Capacitance 21 pF/ft; imp 50 ohms. Pearlescent Copenhagen blue. 5-yr warranty. Other lengths available. 1-m pr\$595
15622 Primus. As above, pearlescent burgundy \$395

Numerluc 110 Digital. Neutrik XLR connectors. Teflon-insulated vacuum-drawn OFC inner and outer conductors in Tubular Geometry; 100% copper/Mylar foil shielding and Mylar foil outer wrap. Pearlescent green. 5-yr warranty. 1 m\$275
Numerluc 75. As above, with Esoteric Audio USA Digital Sync RCA or BNC connectors\$250

15753 Technus Balanced. RCA or Neutrik XLR connectors. Twin symmetry design; pure Alr Litz construction; vacuum-drawn OFC copper windings; Tube Geometry windings that come in contact only with virgin Teflon. Pearlescent black. 1-m pr\$175

15715 Tech 2li Balanced THX. RCA or Neutrik XLR connectors. Features THX certification; twin symmetry design; pure enamel Litz construction; vacuum-drawn OFC windings. Black. Other lengths available. 1-m pr\$150

Musica 700 THX. Silver-plated OFC conductors and braided shield; Teflon insulation; CL3 rating. Pearlescent white. 3-ft twisted pr\$100
Musica 600 THX. As above, without silver plating or CL3 rating. Arctic white\$50

15466 Graphis. Machined solid-brass connector with solid-copper center pin and ground collet. Patented dual-split banana-tip center pin; closed nitrogen-cell foam dielectric; braided and spiral copper foil shield with 50% overlay; all metal parts pulse-plated with 24-karat gold. Satin-finished jacket. 1-m pr\$60
15402. As above, bulk\$4.80/ft

AVK-500 Kit. Two Musica 500 HTC audio interconnect cables, 1 Luminus HTC video cable. 3-ft lengths\$38

Musica 600SW THX. Designed for subwoofers. Features OFC conductors; Teflon insulation. Arctic white. 3-ft pr\$28

15022 Musica 500. Machined-brass connector, center pin, and ground collet. Patented dual-split banana-tip center pin; closed cell foam dielectric; braided copper and copper-foil shield with 50% overlay; all metal parts pulse-plated with 24-karat gold. Satin-finished jacket in black, gray, or emerald. 1-m pr\$27
15066 Musica 500. As above, bulk\$0.75/ft
15039 Musica 500 HTC. As 15022, desert white. 3-ft pr\$27

AVK-200 Kit. Two Musica 200 HTC audio interconnect cables, one Video 200 HTC video cable. 3-ft lengths\$24

14605 Musica 200. Molded connector body; 24-karat gold grip; 24-karat gold-plated split center pin and multiple-split ground-shield connections; double shielding. Including braided copper and metal foil. Matte-gray wire jacket and connector. 1-m pr\$14.95
14630 Musica 200. As above, bulk\$0.50/ft
14505 Musica 100. As 14605, without 24-karat gold grip. Matte-chrome connector finish\$7.95
15005 HTC. As 14505, gray. 3-ft pr\$7.95

AVK-100 Kit. Two interconnect cables, one video cable in a single tri-mold construction cable. Other lengths available. 3-ft\$12.95

Speaker Cable

12065 UltraPath. Gold-plated solid-copper angled spade connectors. 4 bundles of 20 conductors. 24-gauge Teflon-insulated OFC conductors; PVC outer jacket. Other lengths available. Pearl black. 5-yr warranty. 8-ft pr\$670
12045 AccuPath. As above, 4 bundles of 10 conductors. Pearl white\$380
12035 InterPath. As 12065, 2 bundles of 10 conductors. Pearl blue\$227
12077 IsoPath. As 12065, 14-gauge solid-core OFC conductors. Spade, pin, or banana connectors. Crystal blue\$114

09320 Ultra-Cable Reference. 12 gauge. 520 pure electrolytic-grade copper strands; symmetrical 5-wire network. Clear or translucent bronze jacket; 3/8-in strip marks. 10-ft pr\$40
09410 Ultra-Cable Premier. As above, 8 gauge, 1,200 pure vacuum-drawn OFC strands\$2/ft
09400 Ultra-Cable Signature. As 09320, 10 gauge, 600 pure vacuum-drawn OFC strands\$1.10/ft

Hyper SX. Parallel construction. Arctic white. 10- or 15-ft pair available terminated with pins, 30-ft mini-spool, or 250-ft reel\$1.45/ft

14/4. Four 14-gauge conductors for in-wall use. Twisted construction. UL listed. THX certified\$1.25/ft
12/2. As above, two 12-gauge conductors\$1.10/ft

Hyper Si. Parallel construction. Desert white. 30- or 60-ft mini-spools, 250- or 500-ft reel\$0.90/ft
14/2. Two 14-gauge conductors for in-wall use. Twisted construction. UL listed. THX certified\$0.85/ft
Hyper S. Parallel construction. Desert white. 30- or 60-ft mini-spools, 250- or 500-ft reel\$0.60/ft

Interconnect Connectors and Adaptors

17020 Y Adaptor. RCA connectors. Machined from solid brass stock; pulse-plated with 24-karat gold. Red\$43
17040. As above, black\$43

16180 SuperLink SL RCA Connector. Fits 3/4-in cable. Brass body; extended outer barrel that covers shield; patented dual-split banana-tip design; center pin soldered with 5% silver solder; inner shield and center pin machined from solid-copper stock; metal parts pulse-plated with 24-karat gold. 2 pr\$30

17090 Y Adaptor. 1 RCA plug to 2 RCA jacks. Machined from solid brass stock; pulse plating with 24-karat gold. Right angle. 1 pr\$27

16150 EL RCA Connector. Fits 3/4-in cable. Brass body; patented dual-split banana-tip brass center pin soldered with 5% silver solder; brass parts pulse-plated with 24-karat gold. 2 pr\$19.95
16170. As above, solderless\$24

17060 RCA Coupler. RCA plug to RCA plug. Machined from solid-brass stock; pulse plating with 24-karat gold. 1 pr\$14.95
17080. As above, RCA jack to RCA jack. 1 pr\$14.95

Speaker Cable Connectors

The following connectors are all solid brass pulse-plated with pure 24-karat gold. Each has a crimpless, solderless, 360° fanned-array termination and square knurled rubber rings. All except 13310 are sold in two-pair sets.

13260 Inter-Lok Banana. 8 gauge. Patented tip design\$32
13280 Inter-Lok Tri-Spade. 8 gauge. 3-tier design\$32
13250 Inter-Lok Banana. 12 gauge\$26
13270 Inter-Lok Tri-Spade. 12 gauge. 3-tier design\$26
13290 Inter-Lok Bi-Pin. 12 gauge. 2-step tip\$26
13300 T-Lok Banana. 8 gauge. Patented tip design. Stackable\$26
13310 T-Lok Dual Banana. 8 gauge. Patented tip design. Stackable\$26

EXPRESSIVE TECHNOLOGIES

IC-1. Interconnect cable. 1-m pr\$600
 Each additional 1/2-m pr\$150
 Above with XLR connectors per pair\$50

GENEVA

PF-836. Banana plugs. Gold plating. 4 pk\$13.99
PF-838. Spade lugs. 8 pk\$12.99
PF-839. Pin terminals. 8 pk\$12.99
PF-837. Double banana plugs. Gold plating. 2 pk\$12
PF-825. RCA interconnect cable. 2-m pr\$4.99
PF-820. RCA interconnect cable. 1-m pr\$3.99
PF-860. Jack to mini-plug\$2.99

Performance Series Speaker Cable

The following all have 12 individually isolated 99.99% OFC conductors, DuPont-polyolefin insulation, gold-plated pin terminals, and direction arrows. Spools include unattached connectors.

PF-829. 250-ft spool\$1,250
PF-832. 12-ft pr\$145
PF-831. 9-ft pr\$115
PF-827. 20-ft spool\$100
PF-830. 6-ft pr\$85

Performance Series Interconnect Cable

The following are 11 gauge with 99.99%-pure OFC, DuPont-polyolefin and Teflon insulators, 100% copper braided shields, color-coded RCA connectors, and reusable static-shield pouches. Custom lengths are available.

PF-810. 2-m pr\$100
PF-805. 1-m pr\$60
PF-800. 0.5-m pr\$46

GRYPHON

Guideline PSC2 Speaker Cable. Gold. 2-m pr \$2,750
 Each additional m\$1,250
 Cablefork for Guideline PSC2\$25

Guideline II Interconnect. 1-m pr\$725
 Each additional m\$500
 WBT, XLR, or combination connector for above\$50

Guideline Digital ZeroOne Interconnect.\$250/m
 Connector for above\$50

J. A. MICHELL

Big Mother 5-Way Binding Post. For cable up to 7.5 gauge. Rhodium-plated machined brass; knurled knob; 1-in threaded shaft for cabinets up to 3/4-in thick. Color coding. 4 pk\$50
 As above, gold plating. 4 pk\$44

Sure-Loc Banana Plug. For cable up to 7.5 gauge. Rhodium-plated machined brass; expanding pin; piston strand compression; knurled knob. Stackable. Color coded. 4 pk\$44
 As above, gold plating. 4 pk\$40

Gold-Plated Banana Plug. For cable up to 7.5 gauge. Machined brass; piston for strand compression; knurled knob. Stackable. Color coding. 4 pk\$35

Gold-Plated Amp Terminal. For cable up to 10 gauge. Machined gold-plated brass. Color coded. Includes washers, solder lug, and nuts. 4 pk\$32

Gold-Plated Clip Adaptor Plug. Converts push ter-

minals to accept up to 10-gauge bare cable, spade connectors, or banana plugs. Color coded. 4 pk\$28

JENA LABS

Interconnect Cable

Ultra-Ground Series. Shielded. Available in any length up to 99 feet.
 8 ft\$40
 2, 3, and 5 ft\$30
 Each additional 3 ft\$10

The following are available in lengths up to 33 feet in 3-foot increments unless stated otherwise.

SineWeave Seven XLR Series. Multi-ply woven cable, balanced-XLR connectors.
 9 ft\$2,250/pr
 6 ft\$1,900/pr
 4 1/2 ft\$1,725/pr
 2 and 3 ft\$1,550/pr
 Each additional 3 ft\$350

SineWeave Seven Series. Multi-ply woven cable, balanced rhodium RCA connectors.
 9 ft\$2,200/pr
 6 ft\$1,850/pr
 4 1/2 ft\$1,675/pr
 2 and 3 ft\$1,500/pr
 Each additional 3 ft\$350

SineWeave Five Series. Multi-ply woven cable, balanced-XLR connectors.
 9 ft\$1,250/pr
 6 ft\$1,050/pr
 4 1/2 ft\$950/pr
 1 1/2, 2, and 3 ft\$850/pr
 Each additional 3 ft\$200

SineWeave Quad Series. Multi-ply woven cable, balanced rhodium RCA connectors.
 9 ft\$1,200/pr
 6 ft\$1,000/pr
 4 1/2 ft\$900/pr
 1 1/2, 2, and 3 ft\$800/pr
 Each additional 3 ft\$200

Trident Series. Balanced helix cable with XLR connectors.
 9 ft\$540/pr
 6 ft\$420/pr
 4 1/2 ft\$360/pr
 1, 1 1/2, 2, and 3 ft\$300/pr
 Each additional 3 ft\$120

Gemini Series. Balanced helix cable with rhodium RCA connectors.
 9 ft\$360/pr
 6 ft\$280/pr
 4 1/2 ft\$240/pr
 1, 1 1/2, 2, and 3 ft\$200/pr
 Each additional 3 ft\$80

Trident AES Series. Balanced helix XLR digital cable available in any length up to 99 feet.
 9 ft\$270/pr
 6 ft\$210/pr
 4 1/2 ft\$180/pr
 1, 1 1/2, 2, and 3 ft\$150/pr
 Each additional 3 ft\$80

Gemini Digi-Link Series. Balanced helix cable with rhodium RCA connectors for digital audio applications of less than 9 feet and video applications of less than 30 feet.
 9 ft\$180
 6 ft\$140
 4 1/2 ft\$120
 1, 1 1/2, 2, and 3 ft\$100
 Each additional 3 ft\$40

Soloist Series. Coaxial cable with rhodium RCA connectors available in any length up to 99 feet.
 9 ft\$120/pr
 6 ft\$100/pr
 4 1/2 ft\$90/pr

C A B L E S & C O N N E C T O R S

1, 1½, 2, or 3 ft\$80/pr
Each additional 3 ft\$20

JVC

XN700PRO Series Fiber-Optic Cable

The following all have a 3-layer protective structure and 24-karat gold-plated center connector pins.

XN720PRO. 2 m\$150
XN710PRO. 1 m\$120
XN705PRO. 0.5 m\$100

CN700PRO Series Interconnect Cable

The following all use linear-crystal Class 1 OFC for conductors and plugs and have a dual-construction insulation structure, a 192-strand braided shield, and 24-karat gold-plated nonmagnetic connectors.

CN720PRO. 2 m\$110
CN710PRO. 1 m\$100
CN705PRO. 0.5 m\$90

VX700PRO Series Coaxial Interconnect Cable

The following all use linear-crystal Class 1 OFC for conductors and plugs and have a dual-construction insulation structure, a 192-strand braided shield, 24-karat gold-plated connectors, and 75-ohm impedance.

VX720PRO. 2 m\$70
VX710PRO. 1 m\$60
VX705PRO. 0.5 m\$50

VX100HG Series Coaxial Interconnect Cable

The following all use linear-crystal OFC with 99.996% purity and have nonmagnetic 24-karat gold-plated connectors and 75-ohm impedance.

VX150HG. 5 m\$60
VX130HG. 3 m\$50
VX120HG. 2 m\$45
VX110HG. 1 m\$40
VX105HG. 0.5 m\$35

CN600HG Interconnect Cable. Nonmagnetic 24-karat gold-plated connectors. Linear-crystal OFC with 99.996% purity. 5 m\$50

VX400HG Interconnect Cable. Nonmagnetic 24-karat gold-plated connectors. Linear-crystal Class 1 OFC with 99.996% purity. 1 m\$45

XN100HF Series Fiber-Optic Cable

XN120HF. 2 m\$25
XN110HF. 1 m\$20

KIMBER KABLE

Speaker Cable

#88 The Black Pearl

Proprietary magnetic diffusing, solid-core silver conductors; mechanical and magnetic damping. Includes choice of connectors. Custom length available. 8-ft\$15,000/pr
8AG. 16 pure-silver conductors; Teflon dielectric; braided geometry\$180/ft
4AG. As above, 8 conductors\$100/ft
16LPC. Flat design suitable for under-carpet installations; 16 conductors; Teflon dielectric\$12/ft
8LPC. As above, 8 conductors\$7/ft
8TC. 16 copper conductors; Teflon dielectric; braided geometry\$9/ft
4TC. As above, 8 conductors\$5/ft
8VS. 16 conductors; polypropylene dielectric\$4/ft
4VS. As above, 8 conductors\$2.40/ft
8PR. 16 copper conductors; polyethylene dielectric\$2/ft
4PR. As above, 8 conductors\$1/ft

KCTG Interconnect Cable

Ultraconnect phono or XLR connectors. Braided pure silver; Teflon dielectric.\$650/m pr
KCAG. As above, smaller braid geometry\$350/m pr

Powerkord AC Power Cable

Braided design geometry; hospital-grade connectors. Choice of angled or straight wall plug. Available with IEC connector or direct-chassis connection. Custom length available. 10 ft\$225

8 ft\$195
6 ft\$165
4 ft\$135

AGDL Digital Interconnect Cable. Includes choice of XLR or Ultraconnect phono connectors. Custom length available\$175/m

KC1 Interconnect Cable. Ultraconnect phono or XLR connectors. Copper conductors in braided format; proprietary conductive fabric shield. Pair\$80/m
PBJ. As KC1, without outer shield. Pair\$66/m

OPT Fiber-Optic Digital Cable. Toslink. Thermal isolation jacket. Custom length available.\$40/0.5 m

Connectors

Ultraconnect Phono Connector. Machined solid stock. Teflon dielectric. Plug or jack\$25/pr

PostMaster Spade Connector. Available in ¼- or ½-in size. #6 through #16 wire\$14/pr

LAT INTERNATIONAL

AC-2 Power Cable. 10 gauge with 3-prong IEC jack and 3-prong hospital-grade plug. Silver-clad conductors; PTFE Teflon insulation; 100% shielding. 6 ft\$79
Each additional ft\$6

Speaker Cable

SS-1000-D. 10 gauge with choice of gold-plated connectors. Silver clad conductors; PTFE Teflon polypropylene-filled insulation; polypropylene filled with 100% shield and antistatic barriers. Custom length available. 10-ft pair\$297
7-ft pair\$279

SS-750. 12 gauge with choice of gold-plated connectors. Features coaxial design in shotgun configuration. Custom length available. 10-ft pr\$200
7-ft pr\$185

SS-15. 10 gauge. 2-conductor flat design\$1.40/ft
SS-10. 12 gauge. 2-conductor flat design\$0.74/ft

Interconnect Cable

IC-100-D. Solid-brass gold-plated RCA connectors. 2 silver-clad conductors encased in silver-clad braided shield; Teflon-dielectric insulation. XLR connectors available. Custom length available.\$79/m pr

IC-200. As above, proprietary design.\$39/m pr
DI-20-D Digital. Gold-plated RCA connectors. Silver-clad conductors and silver-clad braided shield. Custom length available\$69/m

IC-75. Coaxial design with one conductor surrounding the other with insulation between them. Custom length available.\$59/m pr
IC-50. Gold-plated RCA connectors. OFC copper; braid and foil double-shield. Custom length available.\$30/pr

LINDSAY AUDIOPHILE

GIC Interconnect Cable. Nickel-iron alloy center conductor. Gray. 1-m pr\$245
Each additional m pr\$100

GSP Speaker Cable. Gray. 10-ft pr\$225
Custom lengths\$22/ft
Termination\$29

LINN

K600 Speaker Cable. For triwiring\$37/m
K400 Speaker Cable. For biwiring\$26/m
K20 Speaker Cable.\$9.90/m
Banana Plugs. Set of four\$15

LUXMAN

JPX Series Interconnect Cable

The following feature double-shield construction with shielded individual conductors, 99.99997%-pure copper conductors.

JPX-216C. Neutrik XLR connector. 2.16 m\$450/pr
JPX-216R. Copper RCA plug. 2.16 m\$450/pr
JPX-108C. Neutrik XLR connector. 1.08 m\$350/pr
JPX-108R. Copper RCA plug. 1.08 m\$350/pr
JPX-72R. Copper RCA plug. 0.72 m\$300/pr

JPL Series Speaker Cable

The following feature a proprietary design with electromagnetic isolator and 99.99997%-pure copper conductors.

JPL-2000\$30/ft
JPL-1000\$20/ft
JPL-800\$10/ft

MAXELL

HP-20 Headphone Extension Cord. Connects 2 sets of headphones with ¼-in phone plugs to one plug. 25-in coiled cable\$10.99

AS-W50 Speaker Cable. 18-gauge. Copper wire core. 50 ft\$6.99

A-473 Y-Cord Adaptor. Gold-plated RCA connectors. RF braiding; 95% shielding\$5.99

A-470 Interconnect Cable. Gold-plated RCA connectors. Pure copper center; RF braiding; 95% shielding; PVC jacket; solid-polypropylene insulator. 3 ft\$4.99

A-471. As above, 6 ft\$6.99
A-472. As A-470, 6-ft pr. 2 pk\$12.99

A-475 Interconnect Cable Coupler. Connects 2 patch cables. 30-micron-gold connections\$2.99

McCORMACK

Wonder Link Digital Cable

Proprietary RCA or BNC connectors.

Wonder Link I\$225/m
Wonder Link I Balanced\$275/m
Wonder Link II\$79/m

MEGACABLE BY RADIO SHACK

Speaker Cables and Connectors

42-1004. 12 gauge. 12-ft pr\$30
42-1005. As above, 18-ft pr\$40

278-1273. 14 gauge. Flat copper cable in clear plastic insulation. 50-ft roll\$19.99
278-1270. As above, 16 gauge\$16.99

278-309. Pin connectors. For 12-gauge cable. 24-karat gold plating. 4 pk\$9.99
278-320. As above, for 16-gauge cable. 4 pk\$9.99

278-311. Snap spade connectors. For 10- to 12-gauge cable or ¼-in binding posts. 24-karat gold plating. 8 pk\$4.99
278-316. As above, for 16-gauge cable. 8 pk\$4.99

274-631. Speaker plate with push-release gold terminals. Color coding\$3.99

278-310. Flat pin connectors. For 10- to 12-gauge cable. 24-karat gold plating. 4 pk\$2.99
278-317. As above, for 16-gauge cable. 4 pk\$2.99

274-630. Speaker plate\$2.99
274-632. Phone-jack speaker plate. Push-release gold terminals\$2.99

278-1268. 12 gauge. Copper rope-strand in plastic insulation\$0.99/ft

Interconnect Cables

With gold-plated connectors.

42-2603. Color-coded cables with phono plugs. Set of four. 3 ft\$16.99
42-2604. 4 phono plugs at each end. 3 ft\$16.99
42-2607. Stereo mini plug on each end. 6 ft\$9.99

42-2606. Patch cable; 2 phono plugs at each end. 12 ft\$13.99
42-2605. As above, 6 ft\$10.99
42-2601. As above, 3 ft\$8.99

42-2608. Y cable. Phono plug on one end, 2 phono jacks on other. 6 ft\$12.99
42-2609. Y cable. Phono jack on one end, 2 phono plugs on other. 6 ft\$12.99

42-2602. Patch cable; 2 phono plugs on one end, 2 phono jacks on other. 3 ft\$9.99

Other Connectors and Adaptors

The following have gold plating.

274-879. 2 stereo mini plugs to 1 stereo mini\$4.59
 274-859. 3-conductor in-line phone jack with coil-strain relief\$4.19
 274-865. Phone plug\$3.99
 274-866. Solderless stereo phone plug\$3.99
 274-867. Solderless mono phone plug\$3.79
 274-869. Solderless stereo mini plug\$3.79
 274-868. Solderless mono mini plug\$3.59
 274-855. Mono phone plug with coil-strain relief\$3.59
 274-863. Phono-plug to phono-plug adaptor\$3.59
 274-864. Phono-jack to phono-jack adaptor\$3.59
 274-858. Stereo mini plug\$3.59
 274-875. Stereo phone plug to stereo mini\$2.99
 274-850. Phono plug with coil-strain relief\$2.99
 274-852. Panel-mount phono jacks for 1/4-in mounting holes. 2 pk\$2.59
 274-874. Connects 2 phono plugs\$1.99
 274-873. Connects 2 phono jacks\$1.99

MIT

Reference Series

The following feature patented Varilay cable and proprietary locking connectors. All are speaker cables unless otherwise noted.

MH-850 Multi-Bandwidth CVTerminator

Multi-ply wired design; multiple patented Full Reference Terminator input/output networks optimized for different frequency ranges. 8-ft triwiring pair\$8,995
 8-ft biwiring pr\$7,995

MH-770 CVTerminator Reference

Patented Full Reference Terminator network. 8-ft pr\$4,995
 MI-350. As above, interconnect. 1-m pr\$1,995

MH-770 CVTerminator Twin

Patented Full Reference Terminator network in dual configuration. 8-ft pr\$2,495
 MI-350. As above, interconnect. 1-m pr\$1,295

MH-770 CVTerminator

Patented Full Reference Terminator. 8-ft pr\$1,595
 MI-350. As above, interconnect. 1-m pr\$995

MH-750 Shotgun

Shotgun Terminator network. 8-ft pr\$1,100
 MH-330. As above, interconnect. 1-m pr\$535

MIT Digital Reference

Digital interconnect with patented network. 1 m\$325

Balanced Series Interconnects

Proline Fully Balanced Terminator

Balanced configuration. 1-m pr\$3,900

Proline Extended II

Balanced configuration. 1-m pr\$1,250

MITerminator 2 Proline

Balanced configuration. 1-m pr\$650

MITerminator 3 Proline

Balanced configuration. 1-m pr\$295

High End Series

The following, except the MH-750 Bi-Wire Speaker Interface, feature patented Varilay cable and proprietary locking connectors. All are speaker cables unless otherwise noted.

MH-750 Bi-Wire Speaker Interface

Multiple patented networks optimized for biwiring. 8-ft pr\$995

MH-750 High Energy Terminator

Patented MIT Terminator technology. 8-ft pr\$850
 MH-330. As above, interconnect. 1-m pr\$350

MH-750 Tube Terminator

Patented MIT Terminator technology optimized for tube electronics. 8-ft pr\$850

MH-330. As above, interconnect. 1-m pr\$350

MH-750 Plus

Patented MIT Terminator technology; foundation interface. 8-ft pr\$650

MH-330. As above, interconnect. 1-m pr\$250

MITerminator Series

MITerminator 2 BI-wire. Speaker cable for biwiring system with separate high- and low-frequency modules\$350

MITerminator 2s. Speaker cable. 8-ft pr\$240

MITerminator 3s. Speaker cable. 8-ft pr\$175

MITerminator 2i. Interconnect cable. 1-m pr\$130

MITerminator 4s. Speaker cable. 8-ft pr\$120

MITerminator 3 Digital. 75-ohm coaxial cable with triple shielding. 1 m\$100

MITerminator 3i. Interconnect cable. 1-m pr\$90

MITerminator 4i. Interconnect cable. 1-m pr\$60

MOD SQUAD

Mod Squad offers RCA or xLR Y-adaptors and connectors. Contact the manufacturer for information.

MOGAMI

Speaker Cable

Series 2941 Speaker Cable

13 gauge. For triwire/triamp applications. 8 multiple-strand rope-lay Nexlex OFC conductors; flexible jacket. 50 m\$680
 Custom length\$11.30/ft

Series 2919. As above, 6 conductors. 50 m\$520

Custom length\$3.30/ft

Series 2921. As above, 4 conductors. 50 m\$220

Custom length\$1.40/ft

Series 3103. As above, 11 gauge, 2 conductors. 50 m\$140

Custom length\$0.90/ft

Nexlex 2477 Coaxial Speaker Cable

Dual OFC coaxial design; xLR connector. 50 m\$395

Custom length\$2.45/ft

Nexlex 3082. As above, 14 gauge. 50 m\$132

Custom length\$0.85/ft

Interconnect Cable

MWR Series. Gold-plated RCA phono plugs. OFC conductor; nonmagnetic molded design. 20 ft\$22
 1 ft\$10

SS Series. 1/4-in stereo phone plug one each end. OFC. 20 ft\$16

1 ft\$7

RR Mono Series Coaxial Cable. Interchangeable colored identification rings. 75 ohms. 20 ft\$13

1 ft\$7

PR Series. Nickel-plated 1/4-in mono phone plug one end, gold-plated RCA phono plug on other. Flexible jacket. 20 ft\$11

1 ft\$6

PP Series. Mono 1/4-in phone plug on each end. Molded handles with extended flex reliefs. 20 ft\$11

1 ft\$6

Nexlex 2534. 24 gauge. Flexible jacket. Available in assorted colors\$0.67/ft

Nexlex 2965. Dual-cable construction, Imp 75 ohms\$0.66/ft

Nexlex 2964. As above, single cable\$0.35/ft

MONSTER CABLE

Interconnect Cable

The following are all available in other lengths.

M Sigma 2000. Balanced impedance; multiple-conductor construction; microfiber insulation. 1-m pr\$750

M1500. Balanced impedance. 1-m pr\$375

M1000 MkII. Phase-aligned bandwidth-balanced de-

sign; microfiber insulation. 1-m pr\$200

M850. Bandwidth-balanced construction with separate multiple-gauge time-correct wire networks. 1-m pr\$100

M550. As above, different connectors. 1-m pr\$50

Reference 2. 3-wire multiple-gauge network for each conductor; 12-cut turbine connectors. 1-m pr\$100

Model 800. Two multiple-gauge bandwidth-balanced wire networks; microfiber dielectric; 12-cut turbine connectors. 1-m pr\$80

Model 500. Bandwidth-balanced construction; dual conductors with microfiber. 1-m pr\$50

Model 400. Bandwidth-balanced with microfiber; 8-cut turbine connectors. 1-m pr\$40

Model CD. 24-karat gold RCA connectors. Designed for CD. Dual balanced conductors. 1-m pr\$30

Model 200. Dual balanced conductors; separate shield; twisted-pair construction. 1-m pr\$20

THX-Certified Interconnect Cable

Other lengths are available.

Monster Interlink 406. 6-channel design with bandwidth-balanced networks and time-correct windings. Available with turbine RCA or DB-25 connector. 1-m set\$140

Monster Interlink 206. 6-channel design with twisted-pair construction. Available with turbine RCA connectors. 1-m set\$80

DB-25 connector, 1-m set\$90

Monster Interlink 201. Designed for subwoofers. Twisted-pair construction; double shielding. 2.5-m pr\$30

Speaker Cable

Powerline 2 Plus. 15-ft pr\$130

Unterminated\$3/ft

Powerline 3 Plus. Smaller version of above. Unterminated\$2/ft

New Monster. Angled gold-plated connectors. Multiple-gauge design with separate high- and low-frequency conductors for biwiring/biamping. 10-ft pr\$40

Unterminated\$1.50/ft

Original Monster. As above, different strand configuration. Universal gold-plated connector with lock-notch. 10-ft pr\$35

Unterminated\$1.25/ft

Monster XPHP. Time-correct windings; magnetic-flux tube. 10-ft pr\$30

Unterminated\$1/ft

White jacket\$1.05/ft

Monster XP. Unterminated. 20 ft\$14.95

White jacket\$0.50/ft

SuperFlat. Over 1,000 copper strands\$1.50/ft

50 ft with 2 pairs of pins\$80

30 ft with 2 pairs of pins\$50

20 ft with 2 pairs of pins\$35

SuperFlat Mini. As above, over 300 strands\$0.75/ft

50 ft with 2 pairs of pins\$35

30 ft with 2 pairs of pins\$25

20 ft with 2 pairs of pins\$20

Connectors and Adaptors

X-Terminator II. Gold banana connectors. 4 pk\$120

X-Terminator. Gold connectors. 4 pack\$60

Y-Adaptor. RCA plug to 2 jacks. 24-karat gold-plated. 2 pk\$20

Right Angle Adaptor. RCA plug to jack. 24-karat gold-plated. 2 pk\$12

Monster Tips Banana Connectors. 4 pk\$12-\$14

Premium Gold Spade Connectors. 8 pk\$8-\$20

Patented Angled Gold Pins. 8 pk\$8-\$12

Phonolink Precision Turbine Connectors. RCA plugs. From \$5

THX-Certified Speaker Cable

The following are all color-coded to simplify system hookup.

Monster Home Theatre. 3-channel design for left, center, and right front connection\$5/ft

Powerline 2 Plus. UL CL3 rated; time-correct windings\$3/ft

Monster Home Theatre XPHP. 3-channel design for 3 front channels. Time-correct windings\$3/ft
2-channel version\$2/ft

Monster Home Theatre XP. As above, windings not time correct. 3 channels\$1.50/ft
2-channel version\$1/ft

Monster Home Theatre Subwoofer. Twisted-pair construction\$1.25/ft

MSB TECHNOLOGY

Speaker Cable. Cardas RCA plugs with up to 20-ft stock runs available. 6-ft pr\$650
Additional ft pr\$69

MSB Interconnect Cable. Cardas RCA and XLR plugs with up to 20-ft stock runs available. 3-ft pr\$495
Additional balanced cable\$69/ft
Additional unbalanced cable\$45/ft

Digital Interconnect Cable. Cardas RCA and XLR plugs with up to 20-ft stock runs available. Balanced or unbalanced. 3 ft\$250
Additional balanced cable\$35/ft
Additional unbalanced cable\$25/ft

Red Hawk Fiber-Optic Interconnect Cable
Stainless steel ends. 1 m\$95
Additional meters\$15/m

MUSICAL DESIGN

Aura Speaker Cable. 13 gauge with 12-gauge for ground. 3/8-in diameter; twin tubular design; plastic core. Custom length available. 10-ft pr\$180

Aura Interconnect Cable. Locking RCA connectors with Teflon insulators and gold plating. Proprietary triple dielectric. Custom length available. 1-m pr\$125

NAIM

NACA5 Speaker Cable.\$12.95/m
NA4MM. Dual plug for above\$14

Interconnect Cables

SNAIC4. 4-pin DIN to DIN\$100
SNAIC5. 5-pin DIN to DIN\$100
DIN4/XLR. 4-pin to 3-pin XLR\$50
DIN44. 4-pin DIN lead\$50
DIN45. 4-pin to 5-pin DIN lead\$50
DIN55. 5-pin to 5-pin DIN lead\$50

THE NATURAL CHORD

Speaker Cable

Nebel Asor. Organic dielectric; 12 conductors; copper strands\$260/m
Kinnor. As above.\$195/m
Sabbka. As above.\$100/m

Interconnect Cable

Gitros. Cardas copper/rhodium RCA connectors. Organic dielectric; 6 conductors\$245/m
Trigon. As above; 4 conductors\$175/m
Dichord. As Trigon; gold RCA connectors\$95/m

PAC

Pro-Reference Interconnect Cable. Teflon/gold locking RCA connectors. Multiple conductors with separate ground lead; twin-axial design with silver/Teflon construction. 2-m pr\$240
1.5-m pr\$200
1-m pr\$160

PARASOUND

LightLine Fiber-Optic Digital Cable

AT&T ST glass zirconium connector. 1 m\$120

Databridge Coaxial Interconnect Cable

RCA plugs. Teflon copolymer dielectric; silver-coated OFC conductor with balanced twinaxial geometry. Includes RCA plugs. 75 ohms. 1 m\$90

PFANTONE

CH-51BAD50. Gold dual banana plugs. 25 red and 25 black\$97.15

CH-50BAD50. Dual banana plugs. 25 red and 25 black\$81.48

CH-51BAS50. Gold single banana plugs. 25 red and 25 black\$32.73

CH-50BAS50. Single banana plug. 25 red and 25 black\$21.76

CH-53BAD. Gold dual-banana plugs. 1 red and 1 black\$8.19

CH-52BAD. As CH-53BAD, not gold\$6.99

CH-53BAS. Gold banana plugs. 2 red and 2 black\$5.69

CH-52BAS. As CH-53BAS, not gold\$3.99

AC CORD2. Universal 110-V power cord. 6 ft\$4.39

Interconnect Cables and Connectors

AA12AA. Cable with dual RCA plugs on each end. 12 ft\$6.29

AA6AA. As above, 6 ft\$4.99

AA6AAGL. As AA6AA, gold connectors\$9.39

Y400. Y cord. Mono mini-jack to 2 stereo mini-jacks. 4 in\$6.09

LTL. RCA-jack to RCA-jack cable coupler. 2 pk\$5.29

A6A. RCA cable with plug on each end. 6 ft\$3.59

A4LL. Y cord. RCA jack to 2 RCA jacks. 4 in\$2.99

Speaker Cable

12C12/4-500. 12 gauge. 4 conductors\$1.27/ft

12C14/4-500. 14 gauge. 4 conductors\$0.83/ft

12C12/2-1000. 12 gauge. 2 conductors\$0.67/ft

12C16/4-500. 16 gauge. 4 conductors\$0.53/ft

12C14/2-1000. 14 gauge. 2 conductors\$0.47/ft

12C16/2-1000. 16 gauge. 2 conductors\$0.30/ft

PIONEER ELECTRONICS TECHNOLOGY

GardenLine Outdoor Speaker Cable

Designed for outdoor use, the following all have an ultraviolet-stabilized jacket with a Mylar moisture barrier.

CSL-C4500. 14 gauge. 4 conductors. 500 ft\$450

Custom length\$0.90/ft

CSL-C2500. 14 gauge. 2 conductors. 500 ft\$250

CSL-C4100. 16 gauge. 4 conductors. 100 ft\$75

Custom length\$0.50/ft

CSL-C2100. 16 gauge. 2 conductors. 100 ft\$45

PRISMA

T.C. Speaker Cable. 10 gauge with choice of connectors. 3 sizes of OFC/Litz conductors; 3% silver solder; clear PVC jacket. 20-ft pr\$445

15-ft pr\$340

12-ft pr\$277

10-ft pr\$235

7 1/2-ft pr\$183

Connectors per set\$25

Custom length\$10.50/ft

Dual Interconnect Cable. 2 channels. 174-strand OFC center conductor and copper braid shield; polyfoam insulation; PVC jacket. Custom length available.

3 m\$75

2 m\$65

1 1/2 m\$59

1 m\$55

3/2 m\$49

RCA Plug. Gold-plated machined solid brass; Teflon dielectric; split center pin; 6-segment tapered ground ring; mechanical strain relief; nonmagnetic brass color-coded shell; textured rubber grip\$16/pr

RCA Chassis Jacket. Machined brass; Teflon dielectric; color coding. Includes isolation washers, ground lug, and nut\$13/pr

Model 10 Speaker Cable. 7.5 gauge. OFC; direction arrows; flexible gray PVC jacket\$4.39/ft

Model 4. As above, 10 gauge\$2.99/ft

Model 2.5. As above, 12 gauge\$1.99/ft

Jumbo Spade Lug. For cable up to 7.5 gauge. Solid copper with gold plating. Red and black heat-shrink tubing\$4
For 10 gauge\$4

Pin Terminals. For cable up to 10 gauge. Gold-plated copper; crimp or solder connection. Includes red and black sleeves\$1.25

SC-9 Speaker Cable. 20 gauge. Solid-core OFC electrolytic copper; direction arrows. Gray polyethylene jacket\$0.99/ft

RADIO SHACK

Interconnect Cables and Adaptors

42-2355. Patch cable with 4 RCA plugs on each end. 6 ft\$8.99

42-2354. As above, 3 ft\$6.99

42-2356. Interconnect patch with RCA connectors and shielding against hum and electrical interference. 12 ft\$6.99

42-2352. As above, 6 ft\$4.99

42-2351. As above, 3 ft\$3.99

42-2309. Shielded Interconnect. 3 ft. 4 pk\$5.99

42-2474. Y cord. 2 RCA plugs to stereo phone plug. 6 ft\$5.99

42-2481. Y cord. 2 RCA plugs to stereo mini plug. 6 ft\$4.99

42-2475. As above, 3 ft\$4.39

42-2151. Interconnect with 5-pin DIN plug at each end. 6 ft\$4.99

42-2461. Interconnect with mono mini plug on one end, RCA plug on other\$3.99

42-2387. Interconnect with stereo mini plug at each end\$3.49

42-2152. Attenuating interconnect with mono mini plug at each end. 6 1/2 ft\$3.49

42-2157. Mini plug to stereo phone plug. 6 ft\$3.99

42-2472. Mini plug to mini jack. 6 ft\$2.99

42-2428. Mini plug to mini plug. 6 ft\$2.49

42-2421. Mini plug to alligator clips. 6 ft\$2.49

42-2434. Mini plug to stripped ends. 6 ft\$2.49

42-2444. Mini plug to RCA plug. 6 ft\$2.49

42-2471. Y adaptor. 2 RCA plugs to 1 stereo phone jack\$3.99

42-2156. Y adaptor. 2 phone plugs to phone jack\$3.49

42-2158. Y adaptor. 2 mini plugs to 1 mini jack\$2.99

42-2435. Y adaptor. 2 RCA plugs to 1 RCA jack\$2.99

42-2477. Y adaptor. 2 RCA jacks to 1 stereo phone plug\$2.99

42-2436. Y adaptor. 2 RCA jacks to 1 RCA plug\$2.79

42-2150. Y adaptor. 2 RCA jacks to 1 mono phone plug\$2.49

42-2154. Y adaptor. 2 RCA jacks to 1 mono mini plug\$2.49

42-2153. Y adaptor. 2 RCA plugs to 1 mono mini plug\$2.49

42-2438. Y adaptor. 2 RCA plugs to 1 RCA plug\$2.49

42-2368. Phono plug to phono plug. 12 ft\$3.49

42-2367. As above, 6 ft\$2.49

42-2366. As above, 3 ft\$1.99

42-2365. As above, 1 1/2 ft\$1.79

42-2361. Phone plug to phone plug. 6 ft\$3.49

42-2363. Phone plug to phono jack. 12 ft\$3.49

42-2362. As above, 6 ft\$2.49

42-2361. As above, 3 ft\$2.29

42-2373. Phone plug to RCA plug. 6 ft\$3.49

42-2377. Phone plug to RCA jack. 6 ft \$2.99
 42-2440. Phone plug to right-angle RCA plug.
 6 ft \$2.99
 42-2433. Phone plug to mini plug. 6 ft \$2.99
 42-2358. Phono jack to phono jack. 6 ft \$2.49

42-2372. Phono plug to tinned wire. 12 ft \$2.99
 42-2371. As above, 6 ft \$1.99
 42-2370. As above, 3 ft \$1.70

42-2353. Patch cable with 2 phono plugs at one end,
 2 phono jacks at other. 3 ft \$2.49

Speaker Cables

42-2480. 18 gauge. RCA connector on each end.
 50 ft \$8.99
 42-2478. As above, 24 ft \$4.99
 42-2479. As above, 12 ft \$3.99

42-2455. 18 gauge. Pin connector on each end.
 24 ft \$4.99
 42-2457. 18 gauge. Phono plug to tinned wire.
 24 ft \$4.69
 42-2456. 18 gauge. Tinned wire at each end.
 24 ft \$4.29

42-2392. 24 gauge. RCA connector on each end.
 24 ft \$3.29
 42-2430. As above, white \$3.29
 42-2445. As 42-2392, 12 ft \$2.79
 42-2431. As 42-2430, 12 ft \$2.79

42-2450. 24 gauge. RCA plug to lug terminal.
 24 ft \$2.99
 42-2449. As above, 12 ft \$2.29
 42-2454. 24 gauge. Mini plug to lug terminal.
 12 ft \$2.29
 42-2446. 24 gauge. Lug terminal on each end.
 24 ft \$2.19
 42-2447. As above, 12 ft \$1.69

Headphone Cables and Adaptors

42-2443. Coiled cord with stereo phone plug on one
 end, stereo phone jack on other. 24 ft \$8.49
 42-2462. Cord with stereo mini plug on one end, ste-
 reo mini jack on other. 20 ft \$6.49
 42-2464. Cord with stereo mini plug on one end, ste-
 reo phone jack on other. 20 ft \$5.99
 42-2460. Cord with stereo phone plug on one end,
 stereo mini jack on other. 20 ft \$5.99
 42-2442. Straight cord with stereo phone plug on one
 end, stereo phone jack on other. 20 ft \$5.99
 42-2459. 1-ft cord with In-line volume control. Stereo
 mini plug on one end, stereo mini jack on other \$4.99
 42-2463. Y adaptor. Two stereo mini jacks to one ste-
 reo mini plug \$4.99
 42-2448. As Model 42-2463, phone jacks to phone
 plug \$5.99
 274-313. Adapts two stereo mini plugs to one stereo
 mini plug \$3.99
 33-176. Cord with mono mini plug on one end, mono
 mini jack on other. 20 ft \$2.69
 274-367. Adapts stereo mini plug to stereo phone
 plug \$1.99
 274-366. Adapts stereo phone plug to stereo mini
 plug \$1.99
 274-368. Adapts stereo mini plug to mono mini
 plug \$1.79

RECOTON

Speaker Cable

SWR181000. 18 gauge. 1,000 ft \$120
 SWR18500. As above, 500 ft \$72
 SWR18100. As above, 100 ft \$20
 SW18100. As SWR18100, not on spool \$15.50
 SW1850. As SW18100, 50 ft \$9
 SW1830. As SW18100, 30 ft \$7

SWR16500. 16 gauge. 500 ft \$110
 SWR16100. As above, 100 ft \$29

SWR14100. 14 gauge. 100 ft \$50

SW1230SP. 12 gauge. 30 ft \$38
 SW1220SP. As above, 20 ft \$30

SW1210SP. 12 gauge. 10 ft \$17.50

SWR20100. 20 gauge. 100 ft \$15
 SWR2050. As above, 50 ft \$7.50

SW100. 24 gauge. 100 ft \$7.20
 SW50. As above, 50 ft \$4.30
 SW25. As above, 25 ft \$2.70

SW11. 24 gauge. With RCA plug on one end, RCA
 jack on other. 40 ft \$4.10
 SW10. As above, 20 ft \$3.50
 SW9. As above, 10 ft \$2.70

SW15. 24 gauge. RCA plug on each end. 20 ft \$3.50

Interconnect Cables

AV15. OFC conductor; gold-plated stereo plugs.
 6 ft \$40
 AV14. As above, 3 ft \$25

AV13. OFC conductor; gold-plated plugs. 6 ft \$25
 AV12. As above, 3 ft \$20

CD15. 2 RCA plugs to 2 RCA plugs. Gold-plated
 plugs. 6 ft \$20
 CD14. As above, 3 ft \$17

AC21. Gold-plated plugs. 6 ft \$18
 AC20. As above, 3 ft \$16

ACG204. Gold-plated plugs. 17 ft \$11.30
 ACG144. As above, 12 ft \$9.50
 ACG72. As above, 6 ft \$7.50
 ACG36. As above, 3 ft \$6.80
 ACG18. As above, 1½ ft \$5

AC220. 4 RCA plugs to 4 RCA plugs. 6 ft \$9

AC237. 2 RCA plugs to 2 RCA plugs. 20 ft \$7.80
 AC236. As above, 10 ft \$5.40
 AC211. As above, 6 ft \$3.80
 AC224. As above, 3 ft \$3.50

AC240. 2 RCA plugs to 2 RCA plugs. Piggyback
 jacks. 6 ft \$6.50
 AC239. As above, 3 ft \$5.70

AC202. RCA plug on each end. 10 ft \$3.30
 AC201. As above, 6 ft \$2.70
 AC200. As above, 3 ft \$2.10

AC226. RCA plug to RCA jack. 10 ft \$3
 AC204. As above, 6 ft \$2.60

AC205. RCA plug to mini-plug. 6 ft \$2.70

Headphone Cables & Connectors

EG-44 Headphone Extension Kit. Includes 25-ft
 cable with stereo mini-jack on one end, stereo mini-
 plug on other, mini-jack to phone-plug adaptor, mini-
 plug to mini-jack adaptor, and Y adaptor with 2 mini-
 jacks on one end, mini-plug on other \$15

ACW346. 25-ft coiled cable with stereo mini-jack on
 one end, stereo phone plug on other. Includes 3
 adaptors \$14.50
 AC302A. 25-ft cable with stereo mini-jack on one
 end, stereo mini-plug on other. Includes phone-plug
 adaptor \$10
 ACW343. 6-ft cable with stereo mini-plug on each
 end \$5
 ACW344. 6-ft cable with stereo mini-plug on one
 end, stereo mini-jack on other \$5

CW1527 Headphones Adaptor Kit. Adapts full-size
 and mini headphones for use with home and mini au-
 dio equipment. Set of 4 \$9.50

Y Adaptors

ACW339. Mini-plug to 2 RCA plugs. 6 ft \$5.40
 ACW333. Stereo mini-plug to 2 stereo mini-jacks \$5.40
 ACW332. Stereo phone plug to 2 stereo mini-jacks. \$4
 ACGY1. RCA jack to 2 RCA plugs. ½ ft \$4
 ACGY2. RCA plug to 2 RCA jacks. ½ ft \$4
 AC320. Mini-plug to 2 RCA plugs \$3.80

AC230. RCA jack to 2 RCA plugs \$2.70
 AC212. RCA plug to 2 RCA jacks \$2.60

C1402-3. Chrome-plated brass RCA plug. 3 pk \$3.50
 C1403-2. Chrome-plated brass RCA jack \$2.40

Single-Ended Adaptors

EG-40. Stereo mini-plug to phone-plug \$3
 CW1521. Stereo mini-plug to stereo phone-jack \$3
 CW1522. Stereo phone-plug to stereo mini-jack \$3
 CW1523. Stereo mini-jack to mono mini-plug \$3
 C1517. RCA-jack to RCA-jack \$3
 C1520. Mini-plug to stereo phone \$2.70
 C1513. RCA-jack to mini-plug \$2.50

SONANCE

Interconnect Cable

MediaLinQ Silver Quad
 5-, 2-, and 1-m lengths from \$99 to \$53
 20-, 14-, 6-, and 2-ft lengths from \$65 to \$39

MediaLinQ Gold Mono

2-, 1.5-, 1-, and 0.5-m lengths from \$52 to \$40

MediaLinQ Silver Stereo

6-, 3-, 1.5-, 1-, and 0.5-m lengths from \$38 to \$22

MediaLinQ Bronze

20-, 14-, 6-, and 2-ft lengths from \$38 to \$15

MediaLinQ Bronze Stereo

6-, 4-, 2-, 1-, 0.5-m lengths from \$13.75 to \$6.25
 0.5-ft \$5

MediaLinQ 22/4. 22 gauge. 4 conductors. Two twist-
 ed pairs with drain. 600 ohm. Turquoise \$0.31/ft

Connectors and Adaptors

MediaLinQ Gold Adaptors
 RCA plug to 2 jacks or jack to 2 plugs. Triple shield-
 ing. 8 in \$26
 Right-angle RCA Y-adaptor. Plug to 2 jacks \$9.15
 Right-angle RCA plug to RCA jack \$6.75
 RCA jack to RCA jack \$5
 RCA plug to RCA plug \$5

MediaLinQ Gold RCA Connectors

Locking plug. 10 mm \$13.75
 Jack. 10 mm \$12.15
 Plug. 10 mm \$11.40
 Right-angle solderless. 8 mm \$11
 Right-angle with solder. 10 mm \$9.75

MediaLinQ Gold Banana Plugs

Locking post. 5.5 mm \$10.25
 Dual banana. 5.5 mm \$8.75
 Stack post. 8.8 mm \$5.75
 Banana post. 5.5 mm \$5

MediaLinQ Silver Connectors

RCA connectors; solderless, 24K gold plated \$7.50
 Dual-banana plug; 12-gauge \$4.25

MediaLinQ Bronze Y Adaptors

Plug to 2 jacks \$4.50
 Jack to 2 plugs \$4.40

MediaLinQ Bronze RCA Connectors. 24-karat
 gold-plated plug or jack \$1.90

Speaker Cable

MediaLinQ Gold
 A range of 4- and 2-conductor cables in 10-, 12-, 13-,
 14-, and 16-gauge sizes. 16- and 13-gauge available
 in white jackets or flat; 10- and 12-gauge available in
 clear jackets \$2.30 to \$0.48/ft

MediaLinQ Silver

A range of 4- and 2-conductor cables in 12-, 14-,
 16-, and 18-gauge sizes. Some 2-conductor mod-
 els available with clear jackets \$1.38 to \$0.25/ft

MediaLinQ Bronze

A range of 4- and 2-conductor cables in 12-, 14-, 16,
 and 18-gauge sizes \$1.23 to \$0.21/ft

MediaLinQ Outdoor
 14 gauge, 4 conductors\$0.88/ft
 14 gauge, 2 conductors\$0.53/ft

Other Cable

MediaLinQ Gold Bulk Cable
 Twinaxial; dual shielded\$2.75/ft
 Triple shielded\$1.15/ft
 Dual shielded\$0.95/ft

MediaLinQ 24/4 Control Cable. 24 gauge. 4 conductors. Flat design, stranded. Burgundy ...\$0.31/ft

MediaLinQ Coaxial Cable. 18 gauge. Quad shielded; RG-6U type. White or black\$0.30/ft
 Above with dual shielding\$0.25/ft

STINGER

SAV12 Interconnect Cable. OFC; double shielding.
 12 ft\$20
SAV6. As above, 6 ft\$13
SAV3. As above, 3 ft\$10

AAMP Wire In-Wall Speaker Cables

Prices are for bulk rolls.
AW142CL3. 14 gauge. 2 conductors; 41/30 strands. Teal jacket\$326
AW144CL3. 14 gauge. 4 conductors; 41/30 strands. Pink jacket\$270
AW162CL3. 16 gauge. 2 unshielded conductors; 19/29 bare copper strands; CL-3 rating. Blue PVC jacket. 1,000 ft\$196
AW164CL3. As AW162CL3, 4 unshielded conductors. Yellow PVC jacket. 500 ft\$178
ARW22CL3. As AW162CL3, 22 gauge, 7/30 bare copper strands, turn-on lead with shield. Purple jacket. 1,000 ft\$133
ARG59CL2. 20 gauge. Shielded coaxial conductor. White PVC jacket. 1,000 ft\$85

King Series Interconnect Cables

The following are dual-mono cables with triple shielding, 24-karat gold-plated RCA connectors, and 6-mm-diameter jackets.
SKT20. 20 ft\$49
SKT12. 12 ft\$38
SKT6. 6 ft\$29
SKT3. 3 ft\$25
SKT1.5. 18 in\$23

STRAIGHT WIRE

Speaker Cable

Virtuoso. 3/4-in diameter. Individually insulated silver/copper conductors; microporous foam Teflon; symmetrical coaxial design; clear PVC jacket over black fabric braid. Platinum or gold. 10-ft pr\$1,150
 Bulk\$50/ft

Maestro II. 3/4-in diameter. 384 coated OFC conductors; microporous foam Teflon; symmetrical coaxial geometry; clear PVC jacket over white fabric braid. 10-ft pr\$680
 Bulk\$30/ft

Rhapsody II. 1/2-in diameter. 11-gauge coated OFC conductors; foam Teflon insulation; symmetrical coaxial geometry; clear PVC jacket over blue fabric braid. 10-ft pr\$360
 Bulk\$15/ft

Duet. 3/4-in diameter. Twelve 18-gauge coated OFC conductors; hybrid thermal plastic rubber insulation; helical geometry; blue PVC jacket. 10-ft pr\$284
 Bulk\$12/ft

Encore. 1/2 in. 12-gauge coated OFC conductors; foam Teflon insulation; symmetrical coaxial geometry; clear PVC jacket over red fabric braid. 10-ft pr\$192
 Bulk\$8/ft

Octave. 1/2-in diameter. Eight 18-gauge coated OFC conductors; hybrid thermal plastic rubber insulation; helical geometry; blue PVC jacket. 10-ft pr\$192
 Bulk\$8/ft

Pro Special. 3/4-in diameter. 12-gauge OFC conductors; foam Teflon insulation; coaxial design; black polyurethane jacket. 10-ft pr\$152
 Bulk\$6/ft

Sextet. 1/2-in diameter. Six OFC 14-gauge conductors; hybrid thermal plastic rubber insulation; helical geometry; gray PVC jacket. 10-ft pr\$120
 Bulk\$5/ft

Laser-8/Waveguide 8. 1/2-in diameter. Eight 12-gauge OFC conductors per polarity; polypropylene insulation; helical geometry; turquoise PVC jacket. 10-ft pr\$100
 Bulk\$4/ft

Quartet. 1/2-in diameter. Four OFC 14-gauge conductors; hybrid thermal plastic rubber insulation; helical geometry; blue PVC jacket. 10-ft pr\$75
 Bulk\$3/ft

Flex-4/Waveguide 4. 1/2-in diameter. Four 13-gauge OFC conductors per polarity; polypropylene insulation; helical geometry; burgundy PVC jacket. 10-ft pr\$55
 Bulk\$2/ft

Interconnect Cable

Virtuoso. Symmetrical and twin symmetrical coaxial geometry; silver/copper conductors; microporous foam Teflon dielectric; clear PVC jacket over black fabric braid. Platinum or gold. 1-m pr\$450
 Additional 1-m pr\$300

Maestro II. Symmetrical and twin symmetrical coaxial geometry; OFC coated conductors; microporous foam Teflon insulation; clear PVC jacket over pearl white fabric braid. 1-m pr\$275
 Additional 1-m pr\$160

Rhapsody II. Twin symmetrical balanced geometry; OFC coated conductors; foam Teflon insulation; clear PVC jacket over blue fabric braid. 1-m pr\$150
 Additional 1-m pr\$60

Encore. Gold Teflon RCA plugs. Symmetrical twin-axial design; OFC coated conductors; foam Teflon insulation; clear PVC jacket over red fabric braid. 1-m pr\$100
 Additional 1-m pr\$40

Laser-Link II. Symmetrical coaxial geometry; foam Teflon insulation; OFC coated conductors; clear PVC jacket over turquoise fabric braid. 1-m pr\$60
 Additional 1-m pr\$24

Symphony. Gold Teflon RCA plugs. OFC coated conductors; foam insulation; braided copper shield; copper foil tape shielding; PVC jacket. 1-m pr\$48
 Additional 1-m pr\$12

Flexconnect II. Gold RCA plug. Coaxial geometry; Teflon insulation; tubular braided OFC conductors; silver solder; burgundy PVC jacket. 1-m pr\$39
 Additional 1-m pr\$12

Musicable II. Gold RCA plugs. OFC conductors; polypropylene insulation; braided copper shield; silver solder. Blue PVC jacket. 1-m pr\$29
 Additional 1-m pr\$8

Harmony. Gold RCA plugs. Dual-shielded design; polyethylene insulation; OFC conductors; green PVC

jacket. 1-m pr\$19

Concerto. Gold RCA plugs. Dual-shielded design; polyethylene insulation; OFC conductors; burgundy PVC jacket. 1-m pr\$15

Digital Interconnect Cable

STX Fiber-Optic Cable. Kevlar reinforcement; special ST polish and termination; ceramic connectors. 1 m\$250
 Additional meter\$20

Mega-Link. Gold RCA, BNC, or F connectors; coated silver/copper conductors; foam Teflon insulation; clear jacket over black fabric braid. 75 ohms. 1-m pr\$120
 Additional 1-m pr\$70

Balanced Mega-Link. AES/EBU connectors; coated silver/copper conductors; dual shielding; hybrid dielectric; clear jacket over black fabric braid. 110 ohms. 1 m\$120
 Additional meter\$70

Silver-Link II. Coaxial geometry; foam polyethylene insulation; silver-plated OFC conductors; dual shielding. 75 ohms. 1 m\$49
 Additional meter\$16

Video-Link. Coaxial geometry; OFC conductors; black PVC jacket. 75 ohms. 1 m\$19
 Additional meter\$6

Power Cable

TPC-12. 12-gauge OFC conductors; Teflon Insulation; triaxial geometry. Black polyurethane jacket. 6-ft\$150

TPC-14. 14-gauge OFC conductors; triaxial geometry. Gray polyurethane jacket. 6-ft\$89

In-Wall Speaker Cable

The following are UL CL3-rated and, except Waveguide 1.5, feature foot markers.

Waveguide 3.5. 4-conductor 14-gauge OFC. White or purple PVC jacket\$1.60/ft
Waveguide 3. As above, 16-gauge. Blue, gray, or purple PVC jacket\$1.20/ft
Waveguide 2. As Waveguide 3.5, 2-conductor. White PVC jacket\$0.95/ft
Waveguide 1.5. As above, 16-gauge. Putty or green PVC jacket\$0.75/ft

TARA LABS

RSC-AC Power Cable. 2 pairs of OFC conductors; separate braided copper shielding for live and neutral conductor runs; UL CL-3 jacket. Other lengths available. 6 ft\$295

Prism AC Special Power Cable. 4 solid-core OFC conductors; 3 filters; copper ground wire; braided copper shield; antistatic polymer jacket. 6 ft\$99

Prism AC Power Cable. 2 solid-core OFC conductors; copper ground wire; UL CL/3 jacket. 6 ft\$79

Interconnect Cable

RSC Master Generation 2. XLR connectors. 2 alloy conductors in helix configuration; Teflon air tube dielectric and braided copper shield. 1-m pr\$428
 As above, locking gold RCA connectors. 1-m pr\$395

RSC Digital Generation 2. XLR, BNC, or locking gold RCA connectors. 2 alloy conductors; Teflon air tube dielectric and braided copper shield. 1 m\$295

RSC Reference. Shielded XLR connectors. 2 rectangular OFC-copper conductors in helix configuration; braided copper shield. 1-m pr\$228
 As above, gold RCA connectors. 1-m pr\$195

RSC Digital 75. Locking gold RCA connectors. OFC copper conductors in parallel configuration; braided copper shield. 1-m pr\$195

Luminary ST Fiber-Optic Cable. Glass fiber. Other lengths available. 1 m\$185

Prices given are the suggested retail prices. Actual selling prices may vary and can change without notice.

RSC Prime 1000. XLR connectors. 2 rectangular OFC-copper conductors in parallel configuration; braided copper shield. 1-m pr\$162
As above, gold RCA connectors. 1-m pr\$129

Prism 55. XLR connectors. OFC solid-core conductors; twinaxial geometry; cotton filter; braided copper shield; antistatic polymer jacket. 1-m pr\$131
As above, gold RCA connectors. 1-m pr\$98

Prism Coaxial Digital. Gold RCA connectors. Single solid-core OFC conductor in coaxial configuration; PTFE insulation; twin-braided silver-plated copper shield. 1-m pr\$95

Prism 33. Gold RCA connectors. 7 OFC solid-core conductors in coaxial configuration; braided copper shield; antistatic polymer jacket. 1-m pr\$59

Prism CD. Gold RCA connectors. Multiple OFC solid-core conductors; antistatic polymer jacket. 1-m pr\$49

TARAVision Audio. RCA, BNC, or F connectors. Single OFC solid-core conductor; braided copper shield; antistatic polymer jacket. 1 m\$35

Prism 22. Gold RCA plugs. Single OFC solid-core conductor in coaxial configuration; braided copper shielding; antistatic polymer jacket. 1-m pr\$35

Prism 11. OFC solid-core conductors; antistatic polymer jacket. 1-m pr\$29

Speaker Cables

RSC Master Generation 2. Gold spade connectors. 14 alloy conductors individually insulated and configured around Teflon air tube dielectric with nylon braided jacket\$45/ft

RSC Reference Generation 2. Gold spade connectors. 12 individually insulated OFC conductors twisted together within nylon braided jacket\$19.90/ft

RSC Prime 1000. For biwire/biamp applications. 4 pairs OFC conductors with separate insulation for each conductor pair; antistatic polymer jacket\$8.95/ft

RSC Prime 500. 2 pairs of OFC conductors with separate insulation for each conductor pair. Configured as quad with two cotton insulators surrounded by antistatic polymer jacket\$6.50/ft

Prism Bi-Wire. For biwire/biamp applications. 4 groups of three insulated OFC solid-core conductors surrounded by antistatic polymer jacket\$3.95/ft

TARAVision 416. 4 multiple-strand OFC conductors separately insulated; UL CL-3 outer jacket\$1.29/ft
TARAVision 216. As above, 2 conductors\$0.79/ft

Omni 2+2 Bi-Wire. For biwire/biamp applications. 4 multiple OFC solid-core conductors with insulation around each conductor within antistatic polymer jacket\$2.95

Prism Klara. 2 pressure-stranded OFC conductors in parallel configuration; antistatic polymer jacket\$0.79/ft

TIFF

Speaker Cable

The following feature OFC conductors, Teflon dielectric, and full shielding and are available with pin, spade, or banana connectors. Other lengths are available.

09852. 10 gauge. 6 conductors. 8-ft pr\$315
09832. 12 gauge. 4 conductors. 8-ft pr\$275
09812. 14 gauge. 2 conductors. 8-ft pr\$150

Interconnect Cable

The following feature OFC conductors, Teflon dielectric, and full shielding; RCA or XLR connectors. Other lengths are available.

75021. 12 conductors. 1-m pr\$200
75011. 2 conductors. 1-m pr\$160
75001. 1 conductor. 1-m pr\$100

Power Cables

The following feature multiple-stranded construction in a proprietary geometry and UL approval. Other lengths are available.

TPC-60. 10 gauge. 6 ft\$180
TPC-40. 12 gauge. 6 ft\$120

Digital Cable

The following feature OFC conductors, Teflon dielectric, proprietary termination, and shielding. Other lengths are available.

75041. XLR connectors. 1 m\$150
75031. RCA or BNC connectors. 1 m\$125

XLR Connectors

The following feature Teflon dielectric and parts machined from solid-brass stock that are pulse-plated with 24-karat gold.

02535. Female\$35/pr
02534. Male\$30/pr

Binding Posts

The following feature nylon bushings and are machined from solid-brass stock and pulse-plated with 24-karat gold.

02526. 1-cm diameter, 3/4-in panel mount\$25
02527. 1-cm diameter, 1/2-in panel mount\$23
02525. 1-cm diameter, 1/2-in panel mount\$18.95
02528. 1/2-in diameter, d-cut post\$14.95
02523. 1/2-in diameter, 3/4-in panel mount\$9.95
02524. 1/2-in diameter, 3/8-in panel mount\$7.95
02522. 1/2-in diameter, 1/2-in panel mount\$6.95

RCA Plugs

The following are precision machined from solid brass stock and gold plated. Prices are for a pair.

02504. For 9-mm cable. Teflon dielectric\$17.95
02503. For 7-mm cable. Teflon dielectric\$15.95
02502. For 5-mm cable. Teflon dielectric\$15.95
02511. For 9-mm cable. Nylon dielectric\$7.95
02508. For 7-mm cable. Nylon dielectric\$6.95
02506. For 5-mm cable. Nylon dielectric\$6.95

Speaker Cable Connectors

02540. 10-gauge compression spade\$11.95
02538. Compression banana plug\$8.95
02539. Solder or crimp-on banana plug\$6.95
02541. 8-gauge crimp-on spade\$5.95
02537. 10-gauge crimp-on pin\$5.95
02536. 14-gauge crimp-on pin\$5.95

TRANSPARENT

Speaker Cable

Music Wave Reference. 8-ft pr\$4,100
Ultra Bi-cable. 8-ft pr\$3,200
Music Wave Ultra. 8-ft pr\$2,200
Super Bi-cable. 8-ft pr\$1,900
Music Wave Super. 8-ft pr\$1,100
Music Wave Plus Bi-wire. 8-ft pr\$615
Music Wave Plus. 8-ft pr\$475
Music Wave Bi-wire. 8-ft pr\$405
Music Wave. 8-ft pr\$265
The Wave. 8-ft pr\$170
Musichord. 8-ft pr\$99

The Brick Premium Snap-On Network\$1,700/pr
The Brick Plus Snap-On Network\$400/pr
The Brick Snap-On Network\$300/pr
The Wall Premium Snap-On Network\$15/ft
The Wall Plus CL2\$7.50/ft
The Wall CL2 Bicable\$3.50/ft

XLR Interconnect Cable

Balanced MusicLink Reference. 1-m pr\$3,500
Balanced MusicLink Ultra. 1-m pr\$1,600
Balanced MusicLink Super. 1-m pr\$830
Balanced MusicLink Plus. 1-m pr\$470
Balanced MusicLink. 1-m pr\$210

RCA Interconnect Cable

MusicLink Reference. 1-m pr\$1,900
MusicLink Ultra. 1-m pr\$850
MusicLink Super. 1-m pr\$450
MusicLink Plus. 1-m pr\$240
MusicLink. 1-m pr\$145

The Link. 1-m pr\$90
Musichord. 1-m pr\$45

Digital Cable

110-ohm Digital Link. AES/EBU. 1 m\$400
Coaxial Digital Link. 75 ohms. 1 m\$250

Power Cables

The following combine a power cable and a line conditioner.

Powerlink Super.\$210
PowerLink Extender.\$100
Powerlink Plus.\$100

Powerlink Basic. Power cable only\$45

VAMPIRE WIRE

Interconnect Cable

SL. RCA connector. Balanced design; 7 strands of 30-gauge pure silver; fiber filters; matte-finish PVC jacket\$350/m

AI-2. RCA connector. Balanced design; two continuous-cast-copper stranded conductors; polyethylene dielectric; PVC jacket\$225/m

DI-1. Coaxial design; continuous-cast-copper center conductor; 2-part dielectric. 75 ohms\$130/m

SC Series IV. Locking connectors. Balanced design; four 41-strand OFC conductors with oxygen-free silver cladding; matte-finish PVC jacket\$125/m
SC Series II. As above, but two 63-strand conductors\$85/m

CCC/II. Twin-lead model with two 41-strand continuous-cast-copper center conductors; polyethylene dielectrics, continuous foil, and OFC braid\$50/m

SC. Gold-plated RCA plugs. Coaxial design; 20-gauge silver-plated OFC center conductor; polyethylene dielectric; double-braided shield\$40/m

CC Series. 154-strand 22-gauge OFC center conductor; polyethylene dielectric; clear PVC jacket\$21/m

CC. 20-gauge OFC center conductor\$12/m

Speaker Cable

ST-III. Stranded continuous-cast copper conductors in alternating circular array; single 8-gauge-size jacket; 12 conductor bundles. Biwireable and triwireable\$20/ft
ST-II. As above, 8 conductor bundles in 10-gauge-size jacket; not triwireable\$13/ft
ST-I. As ST-II, 6 conductor bundles in 12-gauge-size jacket; not biwireable\$8/ft

2100C. 10 gauge. 1,050-strand OFC conductors; PVC jacket\$2/ft

826C. As above, 12 gauge. 413 strands\$1/ft

210C. As 826C, 16 gauge. 105 strands\$0.55/ft

Baby Bat. As 210C, 18 gauge. 41 strands\$0.20/ft

14-4CI. 14 gauge. CL-3 Class 3 rating; 105 strands OFC per conductor\$1.30/ft

16-4CI. As above, 16 gauge. 65 strands\$1/ft

14-2CI. As 16-4CI, 14 gauge. 105 strands\$0.65/ft

16-2CI. As 14-2CI, 16 gauge. 65 strands\$0.60/ft

18-2S. As 16-2CI, 18 gauge. 7 strands\$0.45/ft

Connectors

RCA, XLR, gold-plated banana plugs, crimps, and other connectors are available\$6.50-\$47/pr

VAUX

EC-1 Emitter Cable. Attaches to A/V component's infrared sensor window. 3.5-mm phone plug. 10 ft\$15

YBA

YBA Diamond Interconnect Cable. Directional design; 12 leads twisted in insulated, shielded, and sheathed in threes\$520/m

ACCESSORIES

ACOUSTEX

AcousTex. Flame-retardant polyester grille cloth. Custom color available. 66-in width\$28/yd

ACURUS

RPC120 AC Power Filter. 4 switched and 2 unswitched AC outlets. Remote turn-on through Acurus RL11 preamplifier\$199

ADCOM

ACE-515 AC Line Enhancer. 4 switched 2-prong outlets; 2 switched 3-prong outlets; 1 unswitched 3-prong outlet. RFI and EMI filtering; voltage protection; turn-on/off delay\$200

GFS-6 Speaker Selector. For 6 speaker pairs and amplifiers up to 200 W/ch. Switchable minimum-impedance amplifier protection. Gold-plated 5-way binding posts\$190

GFS-4. As above, for 4 speaker pairs\$160

GFS-3. As above, for 3 speaker pairs\$120

AIRTIGHT

AT-CB3 Audio Insulator. Carbon block designed to attenuate sonic echos and isolate extraneous source/amplifier vibrations\$275

ALLSOP

18592 DCC-Deck Cleaning System. Includes brushes, pads, and Ultreen 144 solution\$30

51500 Powered Radial CD Cleaner. Includes Ultreen 144 solution\$30

56500 CD Laser-Lens Cleaner. Includes voice instructions and 8 brushes\$16.99

77000 Cassette Deck Demagnetizer. AC-powered\$16.99

51000 Radial CD Cleaner. Includes Ultreen 144 solution\$13.99

52030 CD Organizer. Slotless; holds 100 discs. Stackable or wall mountable\$25

52010. As above, holds 25 discs\$9.99

58200 Scratch Repair Kit. For CD's or videodiscs. Includes 1-oz solution and 4 cloths\$11.99

73500 Cassette-Deck Tape-Path/Head Cleaner. With cleaning pads, Ultreen 144 solution, storage base\$11.99

72000. As above, with storage sleeve. No storage base\$8.99

Ultreen 144. Cleaning solution, 2 oz\$4.99

50100 CD Cleaning Cloth. Lint-free\$3.99

52050 Jewel Box. 2 pk\$2.99

ALPHA CONSUMER PRODUCTS

CD Storage Units

Multilevel rotating cabinets, bookshelf and counter-top units, stacking and wall-mountable units, and travel cases hold from 384 to 12 CD's. Prices \$80 to \$3.99. Contact the manufacturer for details.

MMD-96 Multimedia Storage Cabinet. Holds single or double CD's, audio cassettes, MD's, DCCs, or video cassettes with doors. Wall-mountable\$25

MM-96. As above, without doors\$14.99

ACR-60 Cassette Storage Unit. Holds 60 audio cassettes. Styrene. Wall-mountable\$9.99

ACS-48 Cassette Storage Unit. Holds 40 cassettes. Stackable. Polypropylene; detachable lid\$7.99

AMERICAN RECORDER TECHNOLOGIES

Cassette Accessories

K-151 Cassette Cleaner and Demagnetizer. Includes storage case\$36

D-511 Wand Demagnetizer\$30

D-501 Electronic Cassette Demagnetizer\$25

K-141 Cassette Cleaner. Includes replacement pads in storage case\$14.95

S-711 Intraclean Head Cleaner. 2 oz\$9.95

CD Accessories

LLCD-1 CD Cleaning System. Laser-lens cleaner and radial CD cleaner\$36

CD-121A Radial CD Cleaner. Includes fluid\$25

LL-151 Laser-Lens Cleaner. Dual-brush system\$25

K-2000 CD Carry Bag. With accessory pouch\$25

CD-101A Manual CD Cleaner. Includes fluid\$11.95

JB-105 Jewel Boxes. 5 pk\$6

ANNIS

Model 25 Pocket Magnetometer

Measures residual magnetism. Available in various scales from ± 0.5 to ± 400 gauss\$75-\$150

Hand-D-Mag Tape-Head Demagnetizers

The following are for a 115-V North American AC standard. Each kit includes a Pocket Magnetometer, a clip-on extension probe, and a set of test strips.

115TL. Thin 4/4-in probe\$44

Kit version\$104

115-L. 4/4-in probe\$40

Kit version\$100

115TS. Thin 2 1/4-in probe\$36

Kit version\$96

115-S. 2 1/4-in probe\$32

Kit version\$92

APOLLO

Symphony Range Equipment Tables

The following have tubular steel legs and cross supports. Prices are for gray-tinted safety-glass shelves; black-veneer MDF shelves are less.

S5. Table width 22 1/2 in, depth 18 in; shelf width 18 in, depth 15 in. Height 35 in\$499

S4. Height 30 in\$419

S3. Height 25 in\$329

S2. Height 20 in\$249

Adagio Range Equipment Tables

Each of the following features a tubular steel frame with corner bracing. Shelves are black veneer MDF with gray-tinted safety glass available.

AD5-MDF. Table width 20 in, depth 16 in; shelf width 18 in, depth 15 in. Height 35 in\$279

AD4-MDF. As above, height 27 in\$259

AD3-MDF. As above, height 19 in\$209

AD2-MDF. As above, different shelf spacing\$159

AS1-MDF. Height 4 in\$89

Aria Modular Hi-Fi Table System

The following tubular-steel components are designed to join together in a custom A/V center that is said to have sound-deadening and decoupling benefits.

CD Storage Drawer. Stands alone or fits with Add-On Pack; holds 72 CD's. Available fitted for video tapes and in various widths and finishes\$339-\$249

Record Storage Unit. Holds 12-in LP's. Various widths available\$159-\$129

Base Pack. 4 top caps, 8 washers, 1 frame, 4 bottom spacers, 1 shelf, 4 base spikes, 4 shelf-support spikes, and 4 sound-absorbing pads. Different widths and glass or MDF shelves available\$199-\$119

Add-On Pack. Shelf to add over a Base Pack. 8 washers, 1 frame, 4 frame spacers, and 4 sound-absorbing pads. Various widths/heights and MDF or glass shelf available\$199-\$109

Links. To join Add-On Packs and Base Packs. Various heights\$29/pr

Speaker Stands

The following are available in various heights and plate dimensions. All except AFP can be filled with sand or shot.

AZ Range. Single square steel-pillar design\$209

A4 Series. 4-column tubular-steel design\$179



Pfantone CD-CK compact disc cleaning kit

Olympus Range. Single-pillar design with 90°-rotating top plate\$149

A3 Series. 3-column tubular-steel design\$149

CKD Range. Rectangular 2-column design\$149

AFP Range. T-frame base\$129

A2 Series. 2-column tubular-steel design\$109

A1 Series. 1-column tubular-steel design\$99/\$89

Wall-Mount Shelves

The following are designed for holding components in rooms with wooden floors and are available in black MDF or gray-tinted glass.

WT2. 2 shelves. Shelf width 18 1/2 in, depth 15 1/4 in. 20 x 16 1/2 x 18 1/2 in\$149/pr

WT1. As above, height 8 1/4 in\$109/pr

WB2. Welded steel bracket. Includes spikes. Black textured finish. Width 7 1/2 in, depth 7 1/2 in\$109/pr

WB1. As above, steel bracket on swivel base. Includes pads. 7 1/2 x 7 1/2 in\$44/pr

SWB1. Clamps speaker up to 10-in in position; tilting/swiveling design\$64

ARTECH

Blu-Tack. Energy-transmission material for use between speaker and stand. 4 x 2 1/2-in slab\$10

ASC

Acoustic Treatments

Shadow Caster II. Processes off-axis sound. Designed to eliminate midrange image problems. 32 x 48 x 5 in\$729/pr

Snap Trap. Architectural painted metal mesh acoustic strip. Wall or corner mount. 7-ft. 4 pk\$644

Studio Trap. Absorption through 110 Hz, diffusion above 440 Hz. Designed to place behind dipoles. Tripod mount; adjustable height to 6 1/2 ft. 9-in diameter x 45-in length. 2 pk\$629

Wave Panel. Designer wall panel with appearance of curtain. Combines absorption/diffusion sequence of differing heights. 28 x 48 x 1 in. 4 pk\$579

T-Set. Absorption through 30 Hz, diffusion above 400 Hz. Available in 9-, 11-, or 16-in diameter; 3-ft height. Starting at\$549/pr

Tube Trap, Quarter-Round. Designed for corner placement. Absorbs to 55 Hz, backscatter above 400 Hz. Available in 16- or 20-in diameter. Height to 5 ft\$509/pr

Wall Panel. Prismatic shape. Uses absorption/diffusion sequence to control early reflections. 15 x 37 x 1 in or 8 x 48 x 2 in. Set of 8\$399

ACCESSORIES

Tube Trap, Half-Round. Wall/ceiling-mount absorber/diffuser. Absorbs to 40 Hz, backscatter above 400 Hz. Available in 9-, 11-, 16-, or 20-in diameter; height to 5 ftfrom \$364/pr

Super Trap. Absorbs to 40 Hz, backscatter above 400 Hz. Features acoustic circuit in air chamber to extend absorption. Available in 9-, 11-, or 16-in diameter; height to 4 ft. Starting at\$314

Sound Flag. Triangular wall panel for mounting on edge of wall. 12 x 24 x 2 in. Set of 12\$288

Tower Slim. Free-standing sound absorber/diffuser. Absorbs to 90 Hz, backscatter above 600 Hz. 10-in diameter x 6-ft length\$273

Tower Stout. As above, absorbs to 60 Hz. 15-in diameter x 4½-ft length\$355

Tube Trap, Full-Round. Bass trap with built-in mid-range diffuser. Absorbs to 35 Hz. Available in 9-, 11-, 16-, or 20-in diameter; height to 4 ftfrom \$189

ATLANTIS

C4 Audio Component Rack. Stackable. 4 shelves. Sand-fillable pillars; provisions for hiding wiring. Various finishes\$275
C3. As above, 3 shelves\$225
C2. As above, 2 shelves\$150
C1. As above, 1 shelf\$100

JR Plus Audio Component Rack. 3 adjustable and 2 fixed shelves; can hold TV. Casters; holds 66 CD's. 34½-in height\$199

Junior Audio Component Rack. 4 shelves. Granite-like wood shelves. 16½ x 34½ x 22 in\$159

Speaker Stands

Reference 24XL. Four fillable steel pillars. Top plate 8 x 9 in. Height 24 in\$500/pr
Reference 21. As above, 21 in high\$450/pr
Reference 24. As Reference 21, 24 in high, 6 x 8½-in top plate\$375/pr
Reference 28. As Reference 24, 28 in high\$375/pr

Signature. Metal with spikes. 6½ x 7½-in platform. 16-, 20-, or 24 in high\$130/pr
Model AS1. Adjustable height; 5½ x 6¾-in platform. 10 x 39 x 12 in\$99/pr
Model SB. Metal with spikes. Sand fillable; 7 x 7-in speaker platform. 12, 16, 20, 24, or 28 in high \$99/pr
Model B. 4 adjustable spikes. 6, 11, 20, 24, or 28 in high\$90/pr
Model JR. Tubular steel; 3 spikes; sand-fillable bottom tube. 16-, 20-, or 24-in height\$80/pr
Model A. Metal with spikes. 7 x 7-in speaker platform. 12-, 16-, 20-, or 24-in height\$63/pr
Model WB1. Tilt/swivel wall bracket. Accommodates 25 lb\$55

AUDIO ADVANCEMENTS

Brass Tacks III. Turntable weight\$150

AUDIO ALCHEMY

RW1. Remote control for Audio Alchemy components\$149

AUDIO ARTISTRY

Speaker Podium. Can be sand or shot filled. Black finished wood\$250/pr
Top Hat. Speaker weight that can be sand or shot filled. Black finished wood\$150/pr
Short Spikes. ¾ in. 8 pk\$20

AUDIO CONTROL

R-130 30-Band Spectrum Analyzer
 One-third-octave center frequencies. Low or high input gain; selectable left, right, m/c, or 2-channel display; selectable 2- or 4-dB display steps; switchable display speed. Balanced-XLR and unbalanced-RCA

connectors. Includes digital pink-noise generator and calibrated lab-grade mic\$649

AUDIOLAB ELECTRONICS

TD-4A. Bulk tape degausser for tape including reels up to 1-in width and DAT\$950

TD-1B. Bulk tape degausser for tape including reels up to ½-in width\$145

AUDIO MACHINE & DESIGN

AMD Power Line Conditioner. 7-piece line conditioner with 8 outlets. Remote turn-on auto-switching/detector\$3,500

Support 3's Speaker Support. Cone-type design; 3 required for one speaker. 18-in height. 6 pk\$650

AUDIO POWER INDUSTRIES

AC Power Conditioners

The following, except Power Enhancer I, are sets of AC outlets with filtering, damping, and protection for amplifiers and isolation for source components.

Power Wedge 1118. 6 unswitched and 6 switched isolated outlets; 1 high-power outlet; 4 switched amplifier outlets; 1 configurable switched/unswitched outlet. Rack-mount enclosure\$1,279

Power Wedge 113. For 4 amplifiers and 3 high-power source components\$639

Power Wedge 116. For 4 amplifiers and 6 source components\$639

Power Pack Model V. 12 outlets including 4 amplifier outlets\$529

Power Wedge 114. For 4 amplifiers and 4 source components\$499

Power Wedge 112. For 4 amplifiers and 2 source components\$389

Power Wedge 122. As Power Wedge 112, 20 amperes\$479

Power Wedge 110. For 6 amplifiers\$279

Power Enhancer I. Provides parallel filtering and damping for high-current amps. Voltage meter\$279

AUDIOQUEST

RF Stopper. Ferrite clamp to prevent digital and radio-frequency interference. 4 pk\$60

Ultraconnect. Electrical contact cleaner. 1 oz\$39

LaserGuide. CD treatment to control refraction. 2 oz\$20

Sorbothane Big Feet. Vibration-absorbing feet for audio components. Supports 40 lb. 4 pk\$60

Sorbothane CD Feet. As above, supports 20 lb\$39

Sorbothane Self-Stick Sheet. Damping sheet with adhesive\$15

AudioQuiet. Sound panel. Choice of 54 fabrics in any size up to 5 x 10 ft\$100/panel plus \$10/sq ft

Record Accessories

Sorbothane Record Mat. Damps record and platter\$60

Record Brush. Cleans and controls static. One million carbon fibers\$15

HL-5. Headshell leads. Silk-wrapped linear-crystal OFC Litz design. 4 pk\$15

AUDIO RESEARCH

BL2 Balanced-Line Driver. Converts unbalanced-RCA line-level signal to balanced-XLR signal. Inputs and switching for 5 unbalanced sources; two tape inputs and outputs\$1,495

BL1 Balanced-Line Driver. Converts unbalanced-RCA line-level signal to balanced-XLR signal\$795

BL3 Unbalanced-Line Driver. Converts balanced signal to unbalanced signal. Balanced-XLR Inputs; unbalanced-RCA outputs\$795

Remote Control. For use with Audio Research preamplifiers\$500

AUDIOSOURCE

LLC-5 Utility CD. CD combining laser-lens cleaning, recorded-voice instructions, and music\$30

MDC-5. As LLC-5, but MiniDisc\$30

AURORA CUSTOM MILLWORK

Aurora CD Organizer. Holds 160 CD's. Discs illuminated by light shining through their jewel boxes. Custom versions available. 36 x 16 x 15 in\$295

AVIA

Speaker Stands

Sigma-Delta. Mass-loadable metal. 3 heights available\$140-\$150

Basik/Basik Plus. Various finishes and 7 heights available\$40-\$70

SL Series. Tubular steel with black textured finish. 24, 28, or 32 in\$99

BASIK RAK

BR-SPKR-24 Speaker Stand. Sand-fillable tubes. Adjustable spikes. 6 x 7½-in top plate; 24 in high\$150/pr
BR-SPKR-20. As above, 20 in high\$150/pr
BR-SPKR-16. As above, 16 in high\$150/pr

Audio Racks

The following feature ¼-in-diameter aluminum rods and ¼-in-thick shelves.

BR-38/6. 6 shelves. 38 in high\$300

BR-35/5. 5 shelves including one 10-in bottom shelf. 35 in high\$270

BR-31/5. 5 shelves. 31 in high\$250

BR-28/4. 4 including one 10-in bottom shelf. 28 in high\$220

BR-24/4. 4 shelves. 24 in high\$200

BR-17/3. 3 shelves. 17 in high\$150

BR-12/2. 2 shelves. 12 in high\$100

Basic Board. 1 shelf\$50

BASIS

The Clamp. Clamps record to turntable platter\$215

BEL CANTO DESIGN

LightLink Fiber-Optic Adaptor. Digital interface fiber-optic transmitter\$250

BELL'OGGETTI

The following contemporary-design metal A/V furniture, made of black powder-coated steel with glass shelves, features a system for hiding cables.

AVS-777. Holds 32-in TV and 4 A/V components. 26 x 34 x 22 in\$850

AVS-767. As above, different design. 31½ x 34 x 19 in\$850

AVS-707. Holds 30-in TV and 3 A/V components. 27 x 30 x 19½ in\$400

AVS-656. Holds 20-in TV and 3 A/V components. 21 x 34 x 24 in\$370

BIB

C-639A. CD laser-lens cleaner\$19.95

C-619. CD restorer polish. 400 applications\$12.95

C-615. Storage for 20 CD's with restorer cloth and solution\$12.95

A-10. Tape-deck head cleaning system\$12.95

A-12. Tape-head cleaning fluid\$5.95

A-8. Tape-deck head-cleaning cassette\$2.99

BIC AMERICA

Cinema One AV-1 Entertainment Center. Adjustable to accommodate 40- to 60-in rear-projection TV. Features space for two speakers; adjustable shelves with up to 8 compartments and glass doors; lower storage with adjustable shelves and solid-brass doors. Black laminate with high-gloss trim or oak laminate with solid-wood trim. Right or left cabinet 20½ x 71 x 19½ in\$699

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LOUDSPEAKER SYSTEMS

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BOUND FOR SOUND 10/92

"There are many loudspeakers in this price bracket, but none of them offer this level of hardware and craftsmanship."

... Very highly recommended."
The High End Quarterly

"Convergence's low frequency capability exceeds that of any speaker or subwoofer that I have tested."

"... A very good choice."

AUDIO Magazine

"... FOCUS really caught me by surprise with a very transparent and effortless sound. This is a speaker that truly reveals the essence of a recording."

Audio Observatory #5, 1993

"Laser-discs were delivered with stunning clarity, precision and realism ... handclaps sound like real applause, not like lead shot on a tin roof ... Convergence is a very, very good speaker."

The Sensible Sound Issue #47

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Powered Home Subwoofer

Orig \$499

- 10" High polymer laminate woofer
- 2" voice coil
- 50 W RMS amplifier power
- Line level and speaker level inputs
- FR: 30 Hz to (62-250 Hz)
- *Determined by crossover setting



\$279

JBL PS120 Powered Home Subwoofer

- 12" High polyer laminate woofer
- 100 W RMS amplifier power • Orig. '699

\$369

JBL Pro III 2-Way Satellite Speakers Orig. '299

\$149^{pr}

JBL LXE330 2-Way Bookshelf Speaker Orig. '459

\$289^{pr}

JVC SUPER SPECIALS

JVC XLZ1050TN
Super DIGIFINE Compact Disc Player

- Mechanically designed for "zero resonance and vibration"
- It features 4th-order noise-shaping, providing the highest order of noise shaping in the industry, as well as 64X OS
- Independent suspension system
- New high-precision laser pickup design
- "High quality" digital outputs-optical and coaxial
- 2-way edit function:auto and programmed
- Headphone output with volume control
- Random access programming up to 32 tracks



TOP RATED

Orig '800

\$469

JVC AX-2911BK Super DIGIFINE Integrated Amplifier

- 1 Optical input, 1 coaxial input, & coaxial input/output
- Remote control • 100W/channel • Built-in D/A converter
- High gain phono EO for MM/MC cartridges • Orig '1100

\$399

JVC FX-1100BK Super DIGIFINE Digital Tuner

- Direct access numeric keypad • 40 FM/AM stations
- Computer-controller "reception servo" system • Orig '549

\$229

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Hughes AK-500 Retriever

The AK-500 adds audio excitement to your present two speaker hi-fi home theater system. The AK-500 also restores dynamics, depth and incredible width to all of your sound. It adds spacious ambience to mono, stereo, or surround-type encoded material.



Orig '179

\$57

Complete System

Jamo Center 50 Center Channel
• 2-Way bass reflex speaker
• Dual 4" woofers
• 3/4" dome tweeter
• Video shielded

Jamo SW600E Powered Home Sub
• 100W powered subwoofer
• Dual 10" bass drivers
• Ideal for surround sound
• Electronic control box with controls for on/off, level, phase & frequency

2 Pair Jamo Coronet 40 Compact Loudspeakers
• 2-Way bass reflex design
• 5-1/4" woofer
• 1" dome tweeter
• 90W power handling

Orig. \$1650
NOW ONLY \$899

Technics RS-DC10 DCC Deck

- Digital compact cassette recorder • Digital record/playback system
- Playback compatibility with analog cassettes
- Text information display • Quick track access • Precision thin film head
- 290 Key wireless remote control • 1-Bit digital to analog converter • 1-Bit analog to digital converter • Analog in/out; digital in/out
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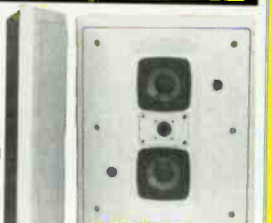
Technics RQDP7 Portable DCC Player

Wired remote control and rechargeable batteries included. Package Stock #30900

ONWALL SPEAKERS

Sonance SoundFrame 400 On Wall Speakers

- Vented system, vertical woofer
- Tweeter woofer configuration with central dome tweeter
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Great For Surround Sound!

Orig '500

\$159^{pr}

HAFLER BLOWOUT

Hafler 9180 MOSFET Stereo Power Amplifier

- 105 Wats per channel stereo amplifier
- Bridgeable to 300 watts into 8 ohms
- Employs 8 self-limiting lateral MOSFET output devices



Orig '700

\$429

Hafler 9130 Power Amplifier

- Bridgeable to 150 watts into 8ohms
- Lateral MOSFET output devices
- Front panel level controls
- Gold plated RCA inputs and five way binding posts
- Universal 100-240 volt line transformer

Orig '450

\$269

Hafler 9290 MOSFET Stereo Power Amp

- 145 Watts per channel 8 ohms
- Bridgeable to 420 watts mono
- Front panel mounted gain controls
- Mono/stereo switching
- Thermal protection system

Orig '900

\$549

Hafler 945 Preamp/Tuner

- Defeatable tone controls • Remote controlled • Extremely linear dual gate MOSFET RF amplifier • Multiplex filters eliminate (19KHz) pilot signal artifacts
- Video switching • 3 Switched outlets and one unswitched outlets
- Fully double balanced mixer
- Phono option not available
- 5 Line inputs and two tape inputs
- 18 Tuner presets

Orig '700

\$429

Hafler 915 17" Preamplifier

- Pure class A all discrete primary signal path exploits the "Tube-like" sonic qualities • A high power transformer and extra large filter capacitance provide extended power supply headroom
- CMOSFET and relay switching
- 5 Line inputs and 1 tape input
- 4 Switched outlets and one unswitched outlet

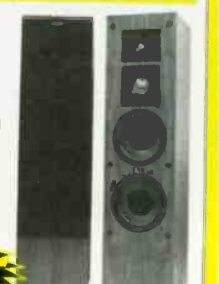
Orig '750

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FREE SHIPPING!

Altec Lansing A508 Floorstanding Tower Speaker

- Utilizes dual 8" woven carbon fiber woofers
- 2" Polyimide titanium midranges
- 1" Polyimide titanium tweeter with ferrofluid cooling
- Gold plated terminals
- 250W Power handling
- FR: 24 Hz - 22 kHz



Orig '1100

\$559^{pr}

FACTORY A

ADS • Acoustic Research • Advent • Advent Mobile • Audio Control • Aiwa • AKG • Altec Lansing • Audio Quest • Audio Soul • Vega • Celestion • Clarion • Clif Designs • Canton • CodeAlarm • CWD • Denon • Dynaco • Dynamat • Grado • Hafler • I • M&K • Mitsubishi • Monitor Audio • Monster Cable • NAD • NHT • Niles • OmniMount • Orion • Panaso • Rockford Fosgate • Rock Solid • Runco • Soundcraftsmen • Soundstream • Sennheiser • Sherwood

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Denon DCR-730RD AM/FM Cassette Receiver
 • 20W x 4 High power output • 4-Speaker output • Fader control • Loudness button • Audio mute • CD changer control
 • Detachable front panel • Clock • 30 Station presets • RDS • Dolby® B NR • RCA preout

Denon DCH-600 5-Disc CD Changer
 • World's smallest compact 5-disc changer unit
 • 18-Bit DAC, 20-bit digital filter with 8X OS

Orig \$825
Package Price \$499

ONKYO CLOSEOUT

Onkyo T401 FM/AM Tuner
 • Quartz synthesized fm stereo am tuner • 40-station FM/AM random preset tuning • Six category classified memory presets • Automatic precision reception
 • Easy-to-see two-color FL display • Automatic tuning
 • Built-in AM loop antenna
 • Reception mode indicator that include FM mute on, tuned and stereo

Orig \$199
\$99

Onkyo TXSV515Prolli Orig \$539
Dolby® Pro Logic Receiver
 • Discrete output amplifiers • Remote control
 • 55W x 3 and 20W x 2 for surround • Digital time delay

50% OFF
\$369

WHILE THEY LAST!

- Teac TRSV7000 Dolby® Pro Logic receiver w/remote Orig \$500 **\$329**
- Sherwood RX4030R Stereo receiver w/remote Orig \$310 **\$159**
- Sony STRD715 Dolby® Pro Logic receiver w/remote Orig \$499 **\$269**
- Technics R5R575 Dual cassette w/Dolby® B/C HX Pro Orig \$369 **\$199**
- NAD 5000 Single CD player w/remote and MASH 1-bit Orig \$500 **\$339**
- Philips CD921PBK Single CD player with remote Orig \$199 **\$139**
- Philips CDC935BK 5-Disc carousel CD player w/rem Orig \$329 **\$199**
- Celestion 3MKII BIK 2-Way bookshelf speaker (pair) Orig \$289 **\$139**
- Sonance Director 20 Center channel speaker (black) SALE **\$249**
- Panamax Max1000Plus Line conditioner/Surge protect Orig \$329 **\$249**
- Sennheiser HD414 50 Anniversary Headphones Orig \$99 **\$69**
- JVC HAD990 Rated #1 stereo headphones Orig \$139 **\$79**
- Sony MDRV600 Steeo headphones w/40mm drivers Orig \$99 **\$69**
- Atlantic Technology Pattern 100 sub/sat system Orig \$499 **\$199**
- Advent A1085 In/outdoor Mini advent II black cabinet Orig \$169 **\$119**
- Advent A1099 Sub 10. 10" powered home subwoofer Orig \$499 **LOW**
- B&O BL3000 Bi-amplified & video shielded speakers Orig \$1699 **\$995**
- Aitentic Technology 154SR Surround sound speakers \$169 **\$99**
- AR Partner 570 Powered 2-way speakers Orig \$399 (Priced per pair) **\$229**
- Pinnacle PN2+ Compact 2-way bookshelf speakers Orig \$149 **\$79**
- Advent A1004 Mini 2-way bookshelf speakers Orig \$189 **\$99**
- Panasonic LX900 Laser disc player with remote Orig \$1100 **\$769**
- Aiwa NSV20 Mini component shelf system Orig \$350 **NEW**
- Aiwa NSV70 100W/ch mini component system Orig \$550 **LOW**
- Aiwa AMD50 Portable Mini Disc player inline remote Orig \$599 **\$299**
- JVC TDV661TN 3-head cassette w/Dolby® B/C HX Pro Orig \$419 **\$269**
- Audio Source S55 Dolby® Pro Logic Decoder Orig \$499 **\$289**
- JVC HR55100U S-VHS Hi-Fi VCR w/remote & VCR Plus+ Orig \$799 **\$499**
- Brand Name Turntable Stock #8856 Come w/cartridge **\$69**

Hafler MSE-88 4-Channel Car Power Amplifier

Orig \$329
\$99

- 76W/ch x 2 into 4 ohm
- Gold RCA inputs w/adjustable sensitivity
- Runs mono and stereo simultaneously
- MOSFET output
- Transnova circuitry
- 22W x 4 into 4 ohm

Hafler MSE-120 6-Channel Car Power Amp

Orig \$499
\$199

- 22W x 6 into 4 ohms
- Bridgeable to 75W x 3 into 4 ohms
- MOSFET output • Transnova circuitry

SPECIAL PURCHASES

Brand Name DAT Digital Audio Tape Deck
 • Built-in D/A converter
 • Full function remote control
 • Optical, analog and coaxial inputs
 • Random music search, skip play, and repeat functions
 Stock#3489

Orig \$699
\$469

JVC XD-2507TN Digital Audio Tape Deck
 • Fine tracking mechanism • One-bit A/D converter with 4th-order noise shaping and 64 times oversampling
 • P.E.M. D.D. Converter featuring highest D/A conversion accuracy
 • Three line inputs: Analog, optical (digital), coaxial (digital)
 • Serial Copy Management System

Orig \$1000
\$599

Brand Name Laser Disc Player
 • Time base corrected/1 bit D/A
 • On-screen display
 • Full function remote with shuttle
 • S-VHS output
 • Midnight theater mode for low level listening

Orig \$599
\$329

AMPS TO GO!

Altec Lansing ALA 200 2-Channel Car Amp
 • 100W x 2 into 4 ohm
 • Thermal protection
 • Overload protection
 • High and low level input
 • Crosswire installation protection

Orig \$300
\$169

- a/d/s/ PQ8.2 20W x 4 car power amplifier Orig \$229 **\$89**
- Soundstream Granite 110.2 55W x 2, 120 x 1 Orig \$300 **\$179**
- Rockford Fosgate FG300 150W x 2 Bridged Orig \$1100 **\$499**
- Sony XM2025 20W x 2, or 55W x 1 Bridged Orig \$140 **\$79**
- Soundstream Granite 180.6 6/5/4/3 channel amp Orig \$449 **\$269**
- Soundstream Granite 60.2 30W x 2 or 100W x 1 Orig \$189 **\$129**
- Advent PA450 50W x 4 bridgeable car amplifier Orig \$449 **\$289**

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ACCESSORIES

SVC-2 Wall-Mount Volume Control. Maintain 8-ohm impedance for up to 8 speaker pairs when one SVC-2 is used with each pair. 10-step wafers. Power handling 25 W rms\$55

BILLY BAGS

The following A/V furniture is all made of steel in a black powder-coat finish. Some shelves are glass.

Wide-Body Component Rack. 3 shelves including top. 4 bays within shelves; 8 in between shelves. 96-in width x 28-in height\$1,428

REC-RACK Component Rack. Customer-specified shelf spacing. Casters; rectangular steel columns; tubular-steel shelf supports; 2 platforms per shelf. 400-lb capacity. 20-in width x 17-in depth\$1,200

The Media Raxx A/V Component Rack. 1 adjustable audio-component shelf; 3 fixed audio-component shelves; TV shelf. Rectangular steel columns. 42 x 75 x 24 in\$1,198

I-Beam Twin Towers Component Rack. 6 shelves with customer-specified spacing. Four 3-in I-Beam columns; steel bars supporting plate-glass shelves. 35½ x 72 x 18 in\$1,152

Model 5500 Component Rack. 8 shelves including top. 26 x 20½-in top with beveled edges and 45° corners. Custom height and shelf spacing available. 22-in width x 18½-in depth\$992
6, 4, or 3 shelves including top\$870-\$656

The Audio Center Audio Component Rack. 6 adjustable-height ¾-in plate-glass shelves. 1 x 2-in rectangular steel columns\$968

I-Beam Component Center. 3 I-Beam steel columns with 18-in-high TV shelf and single-component shelf on one side, 4 shelves on other\$798

Model 4800 A/V Component Center. 4 shelf spaces; 48-in top for video monitor. 6 legs. 48 x 24 x 20½ in\$718

Model 5000-1 Component Table. 52 x 20½-in top. Provisions for hiding wiring. 30-in height\$678

Model 1000-CD CD Rack. Holds 1,000 discs in 10 shelves. 42 x 77 x 7 in\$599

Model 2300 Component Rack. 4 shelves plus top. 23 x 18-in top; 18 x 15-in shelves. 23 x 18 x 36 in\$538

Model 5000-24 Entertainment Center. Two 48 x 18½-in shelves; 52-in top for video monitor. 52 x 24 x 20½ in\$538

I-Beam Speaker Stand. Customer-specified height. ¼-in steel-plate base. 12 x 12-in base\$298

Model 1823 Amplifier Stand. Beveled-edge top with 45° cut corners. 23 x 18 x 18 in\$278

Model 1824 Component Rack. Stackable rack for single component. Customer-specified height in 1-in increments from 8 to 12 in. Tubular steel. 24 in wide, 18½ in deep\$228
3½- to 7-in height\$218

Model 2020. Amplifier stand. 20 x 3 x 20 in\$139

Model 1420. Videodisc storage case for 90 discs. 14 x 20 x 12 in\$79

BRIGHT STAR AUDIO

The Rack of Gibraltar 2. Open-frame welded steel equipment stand. Mass-fillable tubing; 6 MDF shelves. Dark granite finish. 46 x 36 x 19½ in; 202 lb\$1,995

The Rack of Gibraltar. As above, 4 shelves. 25 x 51 x 22 in; 104 lb\$1,495

Big Rock Isolation Platform. Sand-filled platform.

Available in seven sizes with dark or black granite finish from \$99

Little Rock Isolation Pods. Damping pod for placement atop components to reduce resonances and protect from EMI and RFI. Dark or black granite finish from \$79

BROOKLINE TECHNOLOGIES

Volume Stabilizers

The following provide dynamic-range compression in any type of system.

VS311. Provides constant volume level via auto dynamic-range compression. 12-V AC operation with transformer. Variable 1:1 to 10:1 compression; ±20-dB boost/cut; bypass switch; light indicators. Headphone jack; variable-level outputs\$180

VS301. Above without headphone jack or variable-level outputs\$150

VS201. VS301 with 2:1 and 10:1 compression settings only\$120

BUSH

AV3165 Home Entertainment Center. 4 adjustable and 2 fixed shelves; TV compartment with VCR shelf and slide-pocket doors; 2 enclosed storage areas. Lyons oak finish. 78½ x 42 x 20½ in\$690

W3146. Matching storage cabinet for above. Open top compartment; 1 fixed shelf; touch-release racks for 40 CD's and storage for 18 video cassettes on 3 half-shelves; fabric covered door for speaker/accessory storage. 74½ x 18½ x 12½ in\$350

AV4411 Home Entertainment Center. Holds TV's up to 35 in. 2 adjustable shelves; adjustable VCR shelf; 2 touch-release CD storage racks for 120 CD's with tempered-glass front doors; 2 enclosed side areas for 70 video cassettes or 240 audio cassettes; 2 speaker compartments with hinged speaker-grille covers; open storage compartment with adjustable shelf for center-channel speaker. Melamine-impregnated Colony oak finish. 53½ x 68½ x 19½ in\$690

AV3429 Home Entertainment Center. Holds TV's up to 220 lb. 2 adjustable shelves; enclosed storage shelves under TV shelf; flat-folding raised panel doors. Albany pine finish. 78½ x 41½ x 19½ in\$690

AV0623 Home Entertainment Center. Holds TV's up to 32 in. 2 swing-out side compartments; speaker compartments with hinged grille-cover doors; audio section with 3 adjustable shelves and tempered glass door. Dalton oak finish. 65½ x 53 x 20½ in\$560
AV0723. As above, Dover oak finish\$560

AV4410 Home Entertainment Center. Holds TV's up to 32 in. Adjustable VCR shelf; storage area for 35 video cassettes or 100 audio tapes with swing-out door; touch-release storage rack for 60 CD's with tempered-glass door; component area with 3 adjustable shelves and tempered-glass door. Melamine-impregnated Colony oak finish. 60½ x 52½ x 19½ in\$500

AV3410 Home Entertainment Center. Holds TV's up to 175 lb. Adjustable VCR shelf in TV compartment; storage area for 35 video cassettes or 100 audio cassettes with swing-out side door; touch-release CD storage rack for 60 CD's with tempered-glass door; additional enclosed storage area; component area with 3 adjustable shelves and tempered-glass door. Albany pine finish. 52¼ x 60¼ x 19½ in\$500

AV1610 Home Entertainment Center. Holds TV's up to 175 lb. Adjustable VCR shelf in TV compartment; component area with 3 adjustable shelves and tempered-glass door; storage area for 35 video cassettes or 100 audio cassettes with swing-out tempered-glass door; touch-release CD storage rack for 60 CD's with tempered-glass door. Hanover cherry finish. 53 x 60¼ x 19½ in\$500

AV0709 Home Entertainment Center. Holds TV's up to 27 in. 4 side shelves with swing-out door; audio compartment with 2 adjustable and 1 fixed shelves

and tempered-glass door; accessory storage area under TV with 2 doors. Dover oak finish. 54¼ x 45 x 16½ in\$360

AV4409 Home Entertainment Center. Holds TV's up to 32 in. Adjustable VCR shelf; 2 adjustable shelves with glass doors; side storage area for 35 video cassettes or 120 audio cassettes with swing-out door; 40-CD storage area with swing-out door. Melamine-impregnated Colony oak finish. 41½ x 60 x 16½ in\$360

Model 7939 Home Entertainment Center. Holds TV's up to 32 in. Pedestal design; 2 adjustable shelves; touch-release rack for 40 CD's; open side storage area for 28 video cassettes or 96 audio cassettes; tempered-glass doors. Melamine-impregnated Dalton oak finish. 40¼ x 58½ x 19½ in\$310

CAIG LABORATORIES

ProGold Professional A/V Maintenance Kit. Contact cleaner, enhancer, and lubricant in environmentally safe aerosol can. Includes applicator pen, CaiKleen cleaning alcohol, Opticall for glass, metal, and plastic cleaning, lint-free cloths, swabs, and cleaning brushes\$76
ProGold. As above, without pen, Opticall, or CaiKleen\$33

CALRAD

40-645 Stereo Speaker Selector. For 6 speaker pairs and 2 amplifiers. Amp switching; load impedance matching transformers; push terminals\$140

40-646 Stereo Speaker Distribution Box. For 8 speaker pairs and one amplifier. Fits standard 19-in rack system. Push terminals\$100

40-644 Stereo Speaker Selector Switch. 6 mono or stereo speaker pairs. Amplifier protection. Power handling 50 W\$65

40-642 Stereo Speaker Selector. For 4 speaker pairs and one amplifier. Push terminals. Power handling 60 W max\$63

40-640 Line-Level Source Selector. For 4 sources. RCA jacks. Front-panel switches\$59

40-643 Tape-Deck Selector. Designed for 2 tape recorders. Record, intermix recording, and playback switching\$46

CAMELOT TECHNOLOGY

Digital Shield. Mat for CD player or transport\$89

Coat of Arms. Liquid treatment for the maximization of information read by CD-player lasers. Treats 250 discs\$25

Cable Cuffs. Noise-absorbing ferrite cores.
Large\$16/pr
Small\$10/pr

CASE CASARD BY BUSH

Model 7911 Home Entertainment Center. Holds TV's up to 32 in. 2 adjustable shelves; tempered-glass touch-latch doors; two touch-release racks holding 120 CD's total; two open side storage areas for up to 56 video cassettes or 192 audio cassettes; two compartments concealed by hinged speaker-grille covers; center compartment with adjustable shelf. Dalton oak finish. 49¼ x 63¼ x 19½ in\$500
Model 7411. As above, Futura finish\$510

Model 7940 Home Entertainment Center. Holds TV's up to 32 in. 2 adjustable shelves; tempered-glass doors with touch-latch closure; two touch-release racks that hold 80 CD's total; two open side storage areas for up to 42 video cassettes or 144 audio cassettes; enclosed storage compartment with two doors with touch-latch closure. Dalton oak finish. 47½ x 58½ x 19½ in\$400

ACCESSORIES

Model 7710 Home Entertainment Center. Holds TV's up to 32 in. Adjustable center shelf; two adjustable shelves with touch-latch tempered-glass doors; enclosed storage compartment with two touch-latch doors; touch-release rack for 40 CD's; open side storage area with shelves. Malibu oak finish. 59 1/4 x 49 3/4 x 19 1/2 in \$370

CASE LOGIC

Profile CD Storage System

PF200. Stackable 3-drawer unit holds 200 CD's in sleeves \$100
PFW100. Holds 100 CD's in sleeves or 24 CD's in jewel boxes. Includes 40 sleeves \$70
PFW50. Holds 50 CD's in sleeves or 12 CD's in jewel boxes. Includes 20 sleeves \$50
PF50. Holds 50 CD's in sleeves \$25
PFR50. Fifty 2-pocket sleeves \$25
PF12. Stores and displays 12 CD's in sleeves . . . \$12.95
PFR15. Fifteen 2-pocket sleeves \$5.95

PD30 CD Storage Unit. Holds 30 CD's. 6 slots for double CD's. Stackable; wall mountable . . . \$14.95
TCD30 CD Storage Unit. Holds 30 CD's. 4 slots for double CD's. Stackable; wall mountable \$8.95
T30 Cassette Storage Unit. Holds 30 cassettes. Wall mountable \$4.95

CELLO

Etude Source Selector. 4 unbalanced inputs; one unbalanced output. Passive. 58-position output attenuator \$2,000

COGNEO DESIGNS

The following solid-oak, 17-in-wide CD jewel-box holders are designed to be placed on or near a CD changer; a disc's position within the carousel or magazine is indicated by the box's position in the holder.
CM60N. For 6 CD's. Natural finish \$25
CM50N. For 5 CD's. Natural finish \$25

CREEK

OBH-10 Infrared Remote Volume Control. Passive series attenuator for one speaker pair. 2.3-mm DC connector jack. Motor driven; infrared sensor for remote control; control knob \$249

CSI

SLS-6 Stereo Speaker Selector. For 6 speaker pairs and 2 amplifiers. Impedance matching; circuit breaker. Power handling 180 W rms \$221

SDS-8 Speaker Distribution Center. For 8 speaker pairs and one amplifier. Overload protection; impedance maintenance. Rack mountable. Power handling 100 W rms \$180

CUSTOM WOODWORK & DESIGN (CWD)

The following A/V furniture is made of solid wood.
Wildwood Modular A/V Furniture. 5 model lines; modules can be combined as desired. Various finishes available from \$2,200

Insights Classic Modular A/V Furniture. 6 sizes in 2 widths and 3 heights can be combined as desired. Various finishes and custom versions are available from \$1,000

Woodstock I Entertainment Center. Holds TV's up to 35 in with audio components to the side. Shaker-style hand-crafted design with drawers; solid-birch framed glass doors; matching shelves. Various finishes available. 57 1/2 x 68 1/2 x 25 1/2 in . . . from \$1,000

Fineline Audio + Audio Cabinet. Holds 35-in TV and 4 audio components. Medium or black oak finish. 21 x 40 1/4 x 21 in \$370

Woodmore Smallboy/Lowboy/Highboy. Modular cabinet system with optional shelves and casters.

Various styles are available \$355-\$560

Fineline Tall Audio Cabinet. 3 shelves and glass doors for audio components. Medium or black oak finish. 42 x 20 1/2 x 21 in \$330

Fineline Short Audio Cabinet. Electronics behind wood doors or with software-storage drawers. Medium or black oak finish. 21 x 20 1/2 x 21 in . . . \$260-\$350

Woodmore Software Cabinet. 5 adjustable shelves for CD's and tapes including stacking/base rail. 42 x 24 x 19 in \$255

Woodmore Entertainment Center. Modular cabinet system; various styles, finishes, and accessories are available \$230-\$390

DAY SEQUERRA

FM Urban Indoor Antenna. Passive design. J configuration; vertical polarization. F connector . . . \$385

DB SYSTEMS

DB-2A Power Supply. For many DB Systems components \$125

Test CD's. Various labels and uses \$110-\$13

DBP-11 Phono-Capacitance Switch Box. Provides switchable loading for 2 MM cartridges . . . \$80

DBP-11MC. As above, provides resistance for MC cartridges \$80

DBP-11/11MC. As above, provides capacitance for 1 MM cartridge and resistance for 1 MC cartridge . . \$80

DBP-2J/5 Passive Switch Box. For 5 sources . \$70
DBP-2JAU/5. As above, gold-plated connectors . \$90

DBP-6 Phono EQ Kit. Adds capacitance from 100 to 400 pF to any preamp phono input \$37

DBP-6MC Resistive-Loading Kit. For MC phono-cartridge \$37

DBP-SC Record Clamp. Polycarbonate-plastic \$30

DBP-10 Phono-Alignment Protractor. To check phono-cartridge tracking angles \$30

DBP-18 Infrasonic Filter. 6-dB-per-octave; for phono inputs \$15.95

DBP-16 Input-Level Attenuator. 12-dB . . . \$12.95

Jewel Box Parts
DBP-FB. Clear front and back. 5 pk \$3
DBP-DB. Double box \$2.50
DBP-JT. Black inside tray. 3 pk \$1

DENNESEN

Soundtractor. Protractor to measure phono-cartridge overhang and offset angle \$100

Polaris. Dual telescoping indoor FM antenna. One antenna serves as a passive signal reflector for the other, active antenna \$44

DENON

AU-S1 Step-Up Transformer. For phono cartridges. 1:13 winding ratio. Matching imp 3-40 ohms; load imp 47,000 ohms \$800

K-10CL DAT Head Cleaner \$9.99

DISCWASHER

CD Accessories
Computer CD HydroBath. Noncontact cleaning for CD's. Includes AC adaptor \$60
CD HydroBath Cleaner/Dryer. Noncontact cleaning for CD's. Includes CD6+ fluid \$50
CD6+. 16-oz fluid for above \$14.95
6 oz \$9.95
Motorized CD Cleaner. 2-pad radial auto-stop mechanism. Operates on batteries or AC. Includes replacement pads and 1-oz CD-1 fluid \$29

ClearDisc Laserdisc Cleaner. Includes disc platform, 4-oz CD-1 fluid, pad, and handles . . . \$19.95

CDL2 CD Laser-Lens Cleaner. Wet/dry system for CD player's laser lens. Includes 10-ml CDL2 fluid and cleaning disc \$19.95

Stealth Radial CD Cleaner. Wet-type radial cleaning with pad and 1-oz CD-1 cleaning fluid \$19.95

Compact Disc Cleaner. Includes cleaning unit, CD-1 fluid, and extra cleaning pad \$17.95

CD-2 Polish and Scratch Remover. For CD's. Includes 1-oz CD-1 fluid, 1-oz CD-2 polish, 6 applicator swabs, and 4 polishing wipes \$10.95

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DiscStic CD Cleaner. Pen with 0.2-oz fluid. Includes 5 pads \$6.95

CD CleanCloth. Micro-fiber cloth to clean CD's and records. Washable \$3.95

CDeez Polishing Wipes. 30 cloths \$2.95

Sonic Circles. Stabilizer ring attaches to CD to reduce vibrations and improve sonics. 25 pk . . . \$2.95

10 pk \$10.95

5 pk \$5.95

CD-Rack. Holds 15 CD's. Horizontal stacking. Locks with other racks. Wall mountable \$9.95

CD Jewel Boxes. 2 pk \$1.95

Vinyl Record Accessories

D4+ Record Cleaning System. Pad with walnut handle, 1.25-oz D4+ fluid, DC-1 pad brush . . \$19.95

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Audio Cassette Accessories

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ST4213. As ST4214, holds 30 CD's . . . \$14.95
AV2611. Radial CD-cleaning system with gear action and solution . . . \$14.95
AV2614. CD with voice instructions for cleaning player's lens . . . \$11.49
AV2635. Protective film to attach to label side of CD for protection from dust and scratches. 10 films . . . \$5.45
AV2613. CD cleaning cloth. Washable . . . \$4.95
AV2633. Polish to remove scratches . . . \$3.95
AV2636. Jewel box with pop-up disc release . . . \$2.49/pr

AV2624 FM Antenna. Omnidirectional; microcircuitry. Includes 75- to 300-ohm adaptor . . . \$13.95
HP3823 Headphone Extension Kit. 25-ft coiled cable with 3.5-mm stereo jack and 3.5-mm stereo plug; includes adaptor plugs . . . \$9.95
AV2617 FM Antenna. Folded dipole . . . \$1.95

Cassette Accessories

AV2609 Cleaner. For tape heads, capstans, and pinch-rollers; includes pads and solution . . . \$5.95
AV2610 Cleaner/Demagnetizer. Includes cleaning solution . . . \$2.49
AV2612 Cassette Box. 4 pk . . . \$2.49

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EAC Subwoofer Control Unit. For one or two subwoofers. Line- and speaker-level inputs and outputs; gold-plated-metal 5-way binding posts. Independent high-pass and low-pass filters variable from 50-150 Hz; variable phase control from 0°-180° . . . \$250

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DisCDisk 36. Round; holds 36 CD's . . . \$72
DisCDisk 24. Round; holds 24 CD's . . . \$65
DisCDeck 20. Rectangular; holds 20 CD's . . . \$45

DisCPlay. Triangular single-disc holder . . . \$11

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SU-1 Moving Coil Step-Up Transformer. For phono cartridges . . . \$3,500/pr

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Tape-Deck Accessories

PF-208 Head Demagnetizer. 1,000-gauss . . . \$100
PF-215 A/V Tape Eraser. 2,800-gauss . . . \$90

PF-211 A/V Tape Eraser. 2,300-gauss . . . \$70
VR-205 A/V Head Demagnetizer. 290 gauss . . . \$50
QM-230 Cassette Eraser. Pass-through . . . \$45
PF-390 DAT Deck Head/Path Cleaner. Good for 52 cleanings. Includes solution . . . \$30
PF-578 Adaptor. Mini-plug output to cassette-deck input . . . \$25
PF-760 Cassette Demagnetizer. Mechanism in cassette shell; indicator light . . . \$18.99
QM-505 Cleaning Swabs. Cotton. 25 pk . . . \$8.99

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The following store discs in removable jackets with polyester inserts instead of jewel boxes; each jacket holds two CD's and their booklets.

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PF-525/515. Table-mount organizer for 192 discs. Wood; natural oak or black birch finish . . . \$75
PF-520/510. As PF-525/515, for 96 discs . . . \$55
PF-505. Plastic base; for 96 discs . . . \$29.99
PF-500. As PF-505, for 48 discs . . . \$16.99
PF-548. 48 refill jackets . . . \$17.99
PF-524. 24 refill jackets . . . \$10.99
PF-512. 12 refill jackets . . . \$5.99

CD Accessories

PF-412 CD Cleaner. Auto radial disc cleaner with 20-second cycle and auto stop. Includes solution . . . \$40
PF-426 Lens Cleaner. Cleaning disc for CD player lens with polyester cloth . . . \$23
PF-425 CD Cleaner. CD wipe. 70 pk . . . \$7.99
PF-423 CD Cleaner. Micro-fiber CD cleaning cloth. Washable . . . \$4.99
PF-430 Jewel Box. 2 pk . . . \$3.99

Cassette-Deck Cleaners

PF-569 Cassette Cleaner. Head, pinch-roller, and capstan cleaning cassette with solution . . . \$14.99
PF-570 Head Cleaner. 2-oz head-cleaning solution, 2-oz rubber revitalizer . . . \$12.99
PF-566 Cassette Cleaner. Head, capstan, and pinch-roller cleaning cassette. Wet type . . . \$7.99
PF-563 Cassette Cleaner. Wet-type cassette-head, tape-path, and capstan cleaning cassette with extra pads. 5-second cycle . . . \$7.99
PF-102 Head Cleaner. Liquid head-cleaning solution for use with swabs . . . \$7.99
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PF-575 Record-Cleaning System. Includes velvet pad and solution . . . \$9.99

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Small Signal Tube Checker. Tests dual-triode vacuum tubes. Features built-in speaker; tests for max output, distortion, and noise; gain reading in dB. Headphone jack. Includes audio-cassette tutorial. Adaptors for different tubes optional . . . \$549

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EV-Pro. Above for 16-in transcription discs . . . \$140

KAB SpeedStrobe. Digital-display disc and quartz-locked strobe light. For speeds of 16, 33, 45, and 70 to 90 rpm with 0.03% accuracy . . . \$80

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Jack-Its. RCA-jack protector. Polyethylene. 20 pk . . . \$4

Stylus Sweep. Stylus-cleaning brush with nylon hairs . . . \$2

THE LAST FACTORY

RCM Record Cleaning Machine Fluid. For vacuum-operated machines. 1 gallon . . . \$54

TP Magnetic-Tape Preservative. For open reels, video cassettes, and audio cassettes . . . \$40

HT Tape-Head Treatment. Designed to extend the life of magnetic tape heads and guides . . . \$34

RP LAST Record Preservative. To stabilize surface and damp stylus shock. Treats 60 LP's . . . \$33

PC Power Cleaner. Cleans 80 LP's . . . \$33

ST STYLAST. Phono-stylus treatment. 1,000 applications . . . \$27

RC Record Cleaning Fluid . . . \$19.50

CT CD Cleaner/Treatment. For 200 CD's . . . \$18.50

SC Stylus Cleaner . . . \$17.50

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Combo Series

CD-500. Storage rack holds 500 CD's, 300 audio cassettes, or 180 video cassettes in any combination. Oak-grain finish\$130
 CD-480KDB. Holds 480 CD's or 288 audio cassettes in any combination; up to 44 video cassettes in top two tiers. Black\$100
 CD-300. Holds 330 CD's or 200 audio cassettes in any combination. Adjustable shelves\$70
 CD-120KD. Holds 120 CD's, 76 audio cassettes, or 44 video cassettes in any combination. Solid oak with oak veneers\$40
 CD-103. Holds 24 CD's, 12 double CD's, or 18 audio cassettes. Modular stackable design\$9.99

CD Storage Units

CD-2-100KD Tower. Revolving CD tower holds 100 CD's plus 8 double CD's. Oak or cherry finish\$100
 CD-160 Tower. Holds 160 CD's including 8 doubles. Hand crafted; angled slots. Oak-grain finish\$70
 CD-160B. As above, black-ash finish\$70
 CDT-200 Tower. Revolving tower holds 200 CD's including 8 doubles in angled slots. Oak-grain finish\$70
 CDT-200B. As above, black-ash finish\$70
 CDT-96 Rack. Holds 96 CD's vertically or 104 CD's horizontally. Free-standing or wall mount. Hardwood with oak finish; cherry or black available\$50
 CDM-68 Rack. Holds 68 CD's (up to 4 doubles) horizontally. Steel with powder-epoxy black finish\$35
 CDM-68S. As above, silver with black base\$35
 CDC-100 Rack. Holds 100 CD's and 8 double CD's. Angled slots. Walnut or black finish\$35
 23096 Rack. Holds 96 CD's or 48 double CD's\$35
 23064 Rack. Holds 64 CD's or 32 double CD's\$30
 CD-20 Case. Holds 20 CD's. Key lock. Wood with black leatherette finish\$19.99
 CD-40 Cabinet. Holds 40 CD's in 2 drawers. Walnut-woodgrain finish\$14.99
 CD-24E Vertical Rack. Holds 24 CD's\$14.99
 CD-104 Modular Unit. Holds 40 CD's or 20 double CD's in any combination. 4-sided; interlocking. \$9.99
 CG-2010 Flip File. Holds 80 CD's. Plastic\$9.99
 CG-2012. As CG-2010, for 40 CD's\$9.99
 CD-10 Modular Unit. Holds 10 CD's. Interlocking modular design\$4.99

LDE Classics Series

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 TA-136 Case. Attaché-case style; holds 36 audio cassettes. Key lock. Wood; black leatherette finish\$25
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Jumbo 15520 CD Storage Unit. Holds 125 CD's. Flip-through design; silver-anodized aluminum construction. 30 3/4 x 1 x 16 in\$129
 Jumbo 15510. As above, holds 100 CD's. 24 1/2 x 1 x 16 in\$99
 Jumbo 15500. As above, holds 75 CD's. 18 3/4 x 1 x 16 in\$79

Discit 16030 CD Storage Unit. Holds 54 CD's. Modular interlocking tower design; horizontal or vertical building; black steel base can hold various combinations of Discits for up to 270 CD's\$50
 Discit 16000. Add-on unit; holds 18 CD's\$13.99
 Discit 16100. Add-on for Discit 16030; holds 9 double CD's\$13.99

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The following utilize a multiple-segmented mechanism composed of selected magnetic materials to filter out RFI and EMI.

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CLS9600-ISO Powerline Filter. 2 triple-filtered AC outlets designed for low-power components; 2 double-filtered AC outlets designed for power amplifiers; 2 filtered digital-component AC outlets. Circuitry for phase alignment; hospital-grade outlets. Power capacity 2,400 W\$785

CLS6400-ISO20AH Powerline Filter. 4 double-filtered AC outlets; 2 filtered digital-component AC outlets. Circuitry for phase alignment; hospital-grade outlets and plug. Power capacity 2,400 W\$660
 CLS6400-ISO. As above, without phase-alignment circuitry. Power capacity 1,800 W\$525

CLS3200 Powerline Filter. 5 filtered AC outlets; 1 digital-component AC outlet. Capacity, 1,800 W\$275

LINN

Sneaky Line Driver Module. For use with Majik-I integrated amplifier and Wakonda preamplifier\$350

Sneaky Receiver Module. For use with Majik-I integrated amplifier and Wakonda preamplifier\$250

Skeet. Floor protector to place under speaker spike. 8 pk\$65

LUXMAN

AS-4/III. Switchbox for 4 line-level sources\$200
 AS-5/III. Switchbox for 4 speaker pairs\$200

MAXELL

CD Accessories

CD-330 Adaptor. Portable CD to car cassette player adaptor\$24
 CD-345 Lens Cleaner. Laser-lens cleaning disc with brush; system checking with voice instruction \$19.99
 CD-340 Lens Cleaner. Automatic laser-lens cleaning disc with lab-grade cleaning brush\$14.99
 CD-320 CD Cleaner. Radial wet-clean action with chamois pad\$12.99
 CD-310 CD Cleaner. Wet cleaner with pad\$5.99
 CD-300 CD Cleaning Cloths. 15 pk\$3.99
 CD-380 Jewel Boxes. 2 pk\$2.49

Cassette Accessories

A-410 Demagnetizing Cassette. For heads and capstans; battery powered\$14.99
 HC-402 Cleaning Cassette. Cleans whole tape path. Wet type\$9.99
 A-400 Cleaning Cassette. Wet type with replaceable pads\$5.99
 A-450 Head Cleaner/Demagnetizer. Cassette-shell mechanism. 1-minute cycle\$5.99
 A-401 Cleaning Cassette. Cleans whole tape path. Wet type\$2.99
 C-CL Head Cleaner. Dry cleaning cassette\$2.69

A-481 Cassette Boxes. 3 with index cards\$1.99
 A-403 Head Cleaner. Dry cleaning cassette\$1.99

A-525 AC/DC Power Adaptor. Includes 5 plug adaptors\$14.99

HP-10 Headphone Replacement Pads. 4 sets of foam replacement earpads, 2 sets sized for earbuds, 2 sets for lightweight headphones\$2.49

MCCORMACK

Soft Shoes Damping Foot. For any electronic component\$12
 Tiptoes Coupling Foot. Pure aluminum alloy. Available with threaded holes or studs\$6.50-\$16.50

MERRILL AUDIO

Stable Table II Equipment Support. Provides mechanical, magnetic, and RF damping. 6 shelves. Other shelves available. Black. 60-in height\$1,090
 As above, 5 shelves. 45-in height\$890

MICHAEL GREEN DESIGNS

AudioPoints

The following are solid milled brass designed for maximum resonance-transfer characteristics.

Rack-Bottom Cones. Threaded. 4 with discs\$120
 Large. For speakers. 4 with discs\$99
 Threaded. 5 thread types. 4 with discs\$89
 Standard. 3 with discs\$59

MIT

Z-IsoStrip Power Strip. 4 hospital-grade duplex AC outlets combined with isolator. Optimization for analog and digital components; circuit breaker/power switch\$1,095

Z-Stabilizer MkII Power-Line Filter. Removes undesired frequencies from power line. Over-voltage protection; dual outlet for amplifiers\$995

Z-Center. Z-IsoStrip and Z-Stabilizer MkII combined in one unit\$1,495

Z-Cord. Double-shielded power cord with proprietary RF filters at each end\$100
 Z-Cord II. As above, double filtered\$175

MOREL

ST-6 Speaker Stand. 20 in. Black lacquer\$149
 ST-4 Speaker Stand. 9 in. Black lacquer\$135

MSB TECHNOLOGY

Portable Power Plant. 4 AC outlets. 1,000 VA. AC-DC-AC conversion. 30-min typical power reverse. Other sizes available\$2,995

EMA Isolation Plates. Alternating iron/damping layers. 19 x 1 x 14 in; 50 lb\$595
 Small plate. 15 x 1 x 12 in; 30 lb\$495
 Thin plate. 19 x 1/2 x 14 in; 35 lb\$450
 Speaker plate. 11 x 1 x 9 in; 18 lb\$225

Acoustic Screen. Tan cloth with maple. Three damping layers. Other colors available (\$100 extra). 6 x 6 ft in three sections\$400

MUSIC HALL

Ringmat. Turntable mat to support 12-in LP\$80
 Hunt EDA. Carbon-fiber record-cleaning brush\$25

NAIM

Armageddon. Power supply for Linn LP12 manual turntable\$1,000

NILES

WDC-200 Protective Cover. Protects double-gang Decora-style devices used outdoors. UL listed; CSA

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Polk Center Channel Speaker	Retail \$ 219	Audiotechnica AT-12022 phono cart	Retail \$ 75
Mirage Satellite Surround Speaker	Retail \$ 350	JVC 4Head HiFi VCR	Retail \$ 399
Velodyne Subwoofer	Retail \$ 599	Sennheiser headphones	Retail \$ 169
		Monster Cable QDC500 speaker wire	Retail \$ 125



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We will draw one of the correct entries on October 15, 1995 and the Grand Prize winner will be announced in the November 1995 issue of the USA DIRECT Newsletter. You may also write to us after October 15, 1995 at our address in New York City to request the winner's name. Send your entry to us on a 3"x5" card. All correct entries received by October 15, 1995 are eligible. Entries with any duplicated information will be disqualified. Only one entry permitted per household. Contest void where prohibited, taxed or restricted. All goods covered by original manufacturer's or importer's limited warranty and/or by comprehensive 5 year service contract. Some prices may be affected by prevailing currency exchange rates. Not responsible for typographical errors.

ACCESSORIES

approved; Nema 3R rated; meets NEC and OSHA requirements. Weatherized hardware . \$100
WDC-100. As above, for single-gang box \$80

RCA-3S A/V Convenience Outlet. Three gold-plated RCA jacks. Requires single-gang P-ring or junction box \$17.49

Switchboxes

SV-5 Auxiliary Input Selector. 5 inputs; 1 output; gold-plated RCA connectors. Stereo level control \$135
AXP-1. As above, without level control \$80

TBS-3 Tape-Deck Switcher. Facilitates recording, playback, and dubbing of up to 3 decks. Gold-plated RCA connectors \$120

DPS-1 A/B Selector. For amplifiers or speakers; accommodates cable up to 14 gauge. Power handling 350 W/ch \$95
DPS-1W. As DPS-1, wall-mount version. Requires single-gang P-ring or junction box \$75

PS-1 A/B Switch. For RCA-connector sources. Gold-plated RCA connectors \$75

OMNIMOUNT

Series 53 Speaker Mounting System. Supports speaker up to 15 lb. Omnidirectional design with polymer ball; carbon-steel aircraft-aluminum construction. Black or white \$80/pr
Series 25. As above, supports up to 8 lb \$60/pr

ONKYO

RC-AV20M Programmable Remote Control. Controls 10 components. 100-function programming; selectable audio or video mode; preprogramming for Onkyo RI-system components \$100

ORTOFON

T-20 MkII Head Amp. Moving-coil phono cartridge step-up transformer \$400

OWI

25-VC Wall-Mount Volume Control. Designed to retrofit single-gang electrical box. Includes knob, hardware, and Decora plate. Power handling 25 W max \$80
Model 40-VC. As above, 40 W \$90

OWI-2508 Wall-Mount Mono/Stereo Attenuator. Designed to fit single-gang electrical box. Stainless-steel faceplate with printed dial scale and knob. Power handling 25 W max; imp 8 ohms \$72
OWI-2570. As above, higher-imp output. 70 V \$72

2570-TR 25V/70V Transformer Set. Power selector with settings at 0.6, 1.25, 2.5, 5, and 10 W \$14

PAC

Super IDOS Isolated Digital Outlet Strip. Combination power strip and meter for digital devices. 4 outlets each for digital, normal, and low-level analog. Designed to condition power line and disperse RF noise by dumping into ground. Features AC voltage meter/polarity indicator \$500
IDOS II. As above, 3 digital and 6 analog outlets; without meter \$200

Terms and abbreviations used in the listings are explained in the Glossary on page 243.

IDOS I. As IDOS II, 1 digital, 4 analog outlets . . \$150
IDOS RAM Remote Analog Module. For remotely installed power amplifier. Single 15-ampere outlet . \$120

Dif I Universal Interference Filter. Designed to reduce digital-pollution effects through bandwidth limiting. Teflon/gold/rhodium RCA jacks and plugs . \$250
Dif II. As above, with PAC Pro-Reference interconnect cable \$250

ALC Analog Line Cord. Designed for use with analog source components. Internal construction and proprietary double shielding to prevent RFI from AC line or digital components \$195

PACKBURN

Model 323A Turntable Noise Suppressor. To eliminate or suppress turntable-associated pops, clicks, ticks, crackle, scratch, and hiss \$2,650

PARASOUND

SCAMP Amplifier Turn-On Switcher. Sequentially activates two 15-ampere AC outlets by either audio-signal sensing or 5- to 12-V DC trigger \$80

PARSEC

Antennas

Model 2001. AM/FM antenna \$80
Model 2000. AM/FM antenna with FM amplifier. FM gain 40 dB \$70
Performer. FM/TV antenna with UHF amplifier. FM gain 29 dB \$70
LS-4. Amplified AM/FM antenna; low noise . . . \$48
Power Portable. Designed for portable TV's and radios. FM and VHF gain 10 dB; UHF gain 8 dB. Battery or AC powered \$40
Stealth. Amplified AM/FM antenna designed for concealed mounting \$40
WaveCatcher. Passive AM/FM antenna. with up to 5-dB gain \$22

PER MADSEN DESIGN

The modular storage components in both the following series are made of oak; birch finish is available for many units for \$10-\$20 less. Some are available in several heights. Units can be stacked 6 feet high on Dolly/Dolly 19 bases or 7 feet high on a floor.

Rackit System 19 Modular Storage Components
Cassette 19. Holds 180 audio cassettes, 324 DAT's, 144 8mm video cassettes, 216 MD's, 800 3 1/2-in floppy disks, or 108 VHS-C cassettes. 3 drawers. 20 3/4 x 15 x 16 in; 32 lb \$290
VHS/Beta 19. Holds 48 VHS or 48 Beta video cassettes. 2 drawers. 20 3/4 x 15 x 16 in; 28 lb \$260
CD 19. Holds 210 CD's or 138 MD's. 2 drawers. 20 3/4 x 15 x 16 in; 28 lb \$260
Disc Cabinet 19. Holds 95 12-in videodiscs or 115 LP's. Glass door. 20 3/4 x 15 x 16 in; 19 lb \$175
 Above without glass door. 12 lb \$125
Component Rack 19. For 19-in-width components. Stackable. 20 3/4-in width; 16-in depth \$75-\$95
Dolly 19. Supports 300 lb. 20 3/4 x 4 x 16 in; 3.5 lb \$50
Base 19. 20 3/4 x 1 1/2 x 16 in; 2 lb \$35
Tabletop 19. Oak-veneer plywood. 20 3/4 x 3/4 x 16 in; 4 lb \$35

Rackit System Modular Storage Components
CD 180. Holds 180 CD's. 18 x 15 x 13 1/4 in; 18 lb . \$200
VHS/Beta-44. Holds 44 video cassettes. 18 x 13 x 13 1/4 in; 16 lb \$190
Record Cabinet. Holds 100 LP's or videodiscs; glass door. 18 x 15 x 13 1/4 in; 15 lb \$150
 Above without glass door. 10 lb \$100
Model 45. Stores 300 7-in 45-rpm records. 18 x 9 3/4 x 13 1/4 in; 11 lb \$110
Cassette Unit. Holds 108 audio cassettes, 156 DAT's, 84 8mm video cassettes, or 60 VHS-C cassettes. 18 x 9 x 13 1/4 in; 11 lb \$110
CD 90. Holds 30 CD's. 18 x 7 1/4 x 13 1/4 in; 10 lb . \$110
VHS/Beta 22. Holds 22 video cassettes. 18 x 6 3/4 x 13 1/4 in; 8 lb \$100

CD-3 3/2-in Floppy. Holds 360 3-in CD's or 3 1/2-in floppy discs. 18 x 6 3/4 x 13 1/4 in; 8 lb \$100
Component Rack. For components up to 16 1/2 in wide. 18-in width; 13 1/4-in depth \$60-\$80
Record Rack. Holds 100 LP's or videodiscs. 18 x 14 x 13 1/4 in; 5 lb \$40
Dolly. Supports 300 lb. 18 x 4 x 13 1/4 in; 3 lb . . . \$40
Base. 18 x 1 1/2 x 13 1/4 in; 1.5 lb \$25
Tabletop. 18 x 3/4 x 13 1/4 in; 3 lb \$25

PFANTONE

CD Accessories

CD-LC2 Lens Cleaner. Voice-guided laser-lens cleaning disc \$36
CD-CK Cleaning Kit \$13.79
CD-SBX12 Storage Box. Stackable design; holds 12 CD's \$6.89
CD-SBX20 Storage Unit. Holds 20 CD's \$5.69
CD-JB/2 Jewel Box. Various colors . . \$3.79-\$4.39/pr
CD-Fluid. Pump-bottle of cleaning fluid. 1.5 oz \$2.69

Cassette Accessories

PCHC Head-Cleaning System. Includes pads and fluid \$14.39
ACHC Head Cleaner. Cleaning cassette . . . \$8.59
C-CK Head-Cleaning Kit \$4.59
C-HC Head-Cleaning Cassette \$3.19
T-HC Head-Cleaning Kit \$2.59
CK-S Head-Cleaning Fluid. 0.5 oz \$1.49
C-10B Cassette Boxes. Plastic. 10 pk \$5.49
C-4B. As above, 4 pk \$3.59
T-LS Cotton Swabs. For head cleaning. 20 pk \$1.29
T-LS/100. As T-LS, 100 pk \$2.69

Turntable Accessories

HS-4S Headshell. Straight-arm replacement plug-in headshell. Silver \$9.95
HS-1B Headshell. Black aluminum replacement plug-in headshell \$7.95
HS-2S Headshell. As HS-1B, silver \$7.95
RS-10 Record Sleeves. Poly-lined; 12-in . . \$4.69

ANT-1 Antenna. Indoor folded-dipole FM antenna. 6-ft downlead \$3.49

Headphone Earpads

HPP-1. For 1 1/2-in-diameter phones \$1.99/pr
HPP-5. For 1 1/4-in-diameter phones \$1.99/pr
HPP-2. For earbuds \$1.99/pr
HPP-4. As HPP-2, 2 pr \$2.89

PINE BOX AUDIO

LP/LD Case. Holds 45 to 75 LP's or videodiscs. White pine; stackable. 14 x 14 x 13 1/2 in \$39

PIONEER

CU-AV70. Programmable remote control with SR-system controls that can learn 40 functions . . . \$95

PREMIER

R Series Component Racks

R-30. Expandable 3-shelf rack \$179
R-BR. Bridge shelf \$79
R-MS/2. 2-tray CD/tape storage for R-30, R-ES/4, or R-ES/7 \$69
R-10. Amplifier stand/base unit \$69
R-20/ES. 7 1/2-in expansion shelf \$69
R-ES/4. 4 1/2-in expansion shelf for R-10 or R-30 . \$49
R-ES/7. 7 1/2-in expansion shelf for R-10 or R-30 . \$49

Speaker Stands

C Series. Steel tube; fillable single center post; adjustable spikes \$79/pr
T Series. Composite hardboard; two centers; spiked feet; isolation pads \$49/pr

PROGRESSIVE DESIGN

Stereo 7000 Storage Unit. Solid oak and oak-veneer construction; 4 shelves; tempered glass doors. Medium oak or black oak finish. 51 x 25 1/4 x 19 1/4 in; 100 lb \$400

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ACCESSORIES

CDV-6000 Storage Unit. Holds 406 CD's, 100 VHS cassettes, or 320 audio cassettes. Solid oak and oak veneer construction; adjustable shelves; tempered glass doors. Medium oak or black finish. 64 x 25 1/4 x 10 1/4 in; 100 lb . \$299
CDV-5000. As above, holds 182 CD's, 50 VHS cassettes, or 160 audio cassettes. 64 x 12 1/2 x 10 1/4 in; 85 lb . \$199
CDV-1600. As CDV-6000, holds 270 CD's, 70 VHS cassettes, or 220 audio cassettes. 10 adjustable shelves. 71 x 16 1/2 x 11 in; 44 lb . \$149

Flip 600 CD Storage Unit. Pull-tray design. Holds 600 CD's with 20 discs per tray. Medium oak or black oak laminate. 32 1/2 x 40 x 14 1/4 in; 92 lb . \$249
Flip 540. As above, holds 540 CD's. 56 x 20 1/4 x 15 1/2 in . \$199
Flip 300. As above, 300 CD's. 34 x 20 1/4 x 15 1/2 in \$129

Swivel 5000 Storage Unit. Two-sided swivel design holds 406 CD's, 100 VHS cassettes, or 320 audio cassettes. 14 adjustable shelves; base storage; tempered glass doors. Wood laminate medium oak or black finish. 64 x 17 x 20 in; 112 lb . \$229
Swivel 9000. As above, no base storage. 89 lb . \$179

GLW-5600 CD Storage Unit. Holds 54 CD's. Tempered-glass and stainless-steel construction . \$189

HEX-100 CD Storage Unit. Holds 100 CD's. Hexagonal tower. Medium oak or black textured finish. 70 x 14 x 11 in; 45 lb . \$179

Flip Stereo Stand Storage Unit. Holds 300 CD's at 20/tray; adjustable component shelves. Medium oak or black oak laminate. 32 1/2 x 40 x 14 1/4 in; 92 lb . \$179

CD-2000 Square Base CD Storage Unit. Holds 104 CD's. Solid oak; angled CD viewing. Medium or black oak finish. 50 x 11 x 8 1/4 in; 18 lb . \$100
CD-2000 Original Base. As above, wall mount. 50 x 8 x 8 in; 18 lb . \$100

CD-850 Storage Unit. Holds 200 CD's or 120 audio cassettes. Expandable. Solid oak endcaps; MDF shelf. Medium or black oak finish. 22 x 23 x 8 in; 20 lb . \$100
 As above for 50 CD's or 30 audio cassettes. Wall or surface mount. 22 x 8 x 8 in; 6 lb . \$30

CD Wall Art System Storage Unit. Framed-display design; solid oak construction. Medium oak or black oak laminate. 25 1/2 x 27 x 3/4 in . \$89

CD-1200 Storage Unit. Holds 203 CD's, 50 VHS cassettes, or 160 audio cassettes. Adjustable shelves; tempered-glass door. Wood laminate medium or black oak finish. 50 x 17 x 10 in; 45 lb . \$79
CD-330. As above, holds 330 CD's, 80 VHS cassettes, or combination. Medium or black oak laminate. 49 x 24 x 10 1/2 in . \$79

CD-120 Storage Unit. Holds 120 CD's. Wood laminate. 50 x 11 x 8 1/4 in . \$49

CD-150 Storage Unit. Holds 150 CD's, 18 VHS cassettes, or 90 audio cassettes. Stackable. Solid oak sides. Medium oak or black oak finish. 22 x 18 1/2 x 6 in; 12 lb . \$40

CD Flip Tray. Holds 20 CD's. 14 x 5 1/4 x 3/4 in . \$1.99

PROLINE

AVM-8 Storage Center. Holds 224 CD's, 66 VHS cassettes, or 256 audio cassettes. Solid oak . \$150

CD Accessories

Transparent Colored CD Storage Case. Transparent red, blue, green, smoke, or clear. Single- or multiple-color 5 pk . \$5.95
CD Storage Pages and Organizer. Page-type organizer that holds 4 discs. Transparent red, clear, blue or green. 3 pk . \$5.95
CD-150 Storage Case. Various colors available. 5 pk . \$5.99

CD-120. As above, 2 pk . \$2.99
Slim Size Double CD Storage Case. 2 pk . \$3.99
MDF-20 CD Flip File . \$4.95
SL-Quad Storage Case. Holds 4 CD's in double-CD space . \$3.95

A-NR3 Cassette Boxes. 3 pk . \$1.99

RADIO SHACK

40-136 Speaker Selector. Handles 4 speaker pairs. Power handling 100 W/ch . \$32
40-125. As above, handles 3 speaker pairs. Power handling 10 W/ch . \$17.99
40-130. As above, for 2 speaker pairs . \$8.99

42-2115 Mixer. Allows monitoring, recording, and dubbing with up to 3 separate cassette decks . \$26

42-2112 Switcher. For 3 line-level sources . \$14.99

40-978 L-Pad Volume Control. Stereo. For 1 speaker pr. Maintains 8-ohm imp. Power handling 75 W max . \$20
40-980. As above, mono (one speaker). Power handling 25 W max . \$7.99

Cassette Accessories

44-232 Bulk Eraser . \$19.99
44-1165 Demagnetizing Cassette. Battery-powered (includes battery) . \$10.99
44-1202 Brush Cleaner and Demagnetizer . \$9.99
44-665 Storage Unit. Holds 15 cassettes. Tinted cover . \$9.99
44-1167 Demagnetizing/Cleaning Kit. Includes demagnetizing cassette, probe, mirror, and cleaning solution . \$5.99
44-1115 Cleaning Kit. With swabs and fluid . \$4.99
44-1116 Cleaning Cassette. Includes fluid . \$3.99
44-1112 Cleaning Kit. With swabs and fluid . \$3.99
44-1113 Head Cleaning Solvent . \$3.79
44-1162 Cleaning Cassette. Includes fluid . \$2.99
44-217 Cleaning and Lubrication Kit . \$2.79
44-1001 Cleaning Swabs. Ultrathin; foam-tipped on one end. 10 pk . \$2.69
44-1094 Cleaning Swabs. Thicker than 44-1001; foam-tipped on both ends. 10 pk . \$2.49
44-685 Modular Storage Unit. Holds 10 boxed or 16 unboxed cassettes . \$2.69
44-1093 Cleaning Swabs. Cotton-tipped. 100 pk \$2.29
44-1160 Cleaning Cassette. Dry type . \$1.99
44-611 Cassette Box. 3 pk . \$1.59
44-1010 Cleaning Solution . \$0.99

CD Accessories

42-223 Storage Rack. Horizontal; holds 42 CD's \$9.99
42-227 Lens Cleaner. Cleaning disc . \$9.99
42-127 Scratch Kit. To fix disc scratches . \$9.99
42-226 Radial CD Cleaner. Includes fluid . \$9.99
42-215 Storage Unit. Holds 25 CD's vertically in their jewel boxes . \$5.99
42-214 Storage Cube. Holds 10 CD's in their jewel boxes . \$5.99
42-225 Cleaning Kit. Includes base, cleaning pad, and fluid . \$4.99
42-141 Cleaning Stick . \$4.99
42-122 Jewel Box. 2 pk . \$2.99
42-126 Cleaning Fluid. 1 oz . \$2.59

Vinyl-Record Accessories

42-117 Cleaning Kit. Includes velvet-surface brush and 2-oz fluid . \$7.99
42-132 LP Sleeves. 10 pk . \$2.99
42-2503 Cleaning Spray . \$2.99
42-119 Cleaning Fluid. 4 oz . \$1.99
42-120 45-rpm Adaptor . \$0.69

40-975 Speaker Wall Plate. Fits standard electrical box. 4 pushbutton terminals for speaker cable \$3.39
40-981. As above, 2 RCA jacks. Includes 2 RCA plugs . \$3.29

RANE

FBB44 Balanced/Unbalanced Signal Converter
 Converts stereo pair of balanced-XLR signals to un-

balanced-RCA signals or vice versa. 2 female and 2 male XLR connectors; 4 RCA jacks . \$279

RECOTON

Antennas

TV800. Powered AWACS + VHF/UHF/FM antenna with AC adaptor . \$120
TV1000. Powered TV/FM antenna. Indoor/outdoor mount . \$100
TV600. Powered VHF/UHF/FM antenna with gain controls and swivel/tilt adjustment/AC adaptor . \$90
FM200. Powered AM/FM antenna with up to 30-dB gain . \$80
TV500. Powered VHF/UHF/FM antenna with dual 36-in telescoping rods and FM loop . \$70
AFM110. Powered AM/FM antenna with MOSFET amplifier . \$70
TV400. AWACS VHF/UHF/FM antenna with 44-in adjustable dipole rods . \$50
TV450. VHF/UHF/FM antenna with dual-element 25-in dipole VHF rods . \$40
TV700. VHF/UHF/FM antenna with combined VHF/UHF 75-ohm cable . \$35
TV300. VHF/UHF/FM antenna with dual dipole VHF rods . \$35
FM100. Powered AM/FM antenna with FM gain adjustable up to 20 dB . \$34
TV350. VHF/UHF/FM antenna with adjustable 31-in telescoping elements . \$31
TV250. VHF/UHF/FM antenna with directional 36-in telescoping rods . \$30
TV200. VHF/UHF/FM antenna with dual 36-in rods \$24
TV150. VHF/FM antenna with dual 34-in telescoping rods . \$13.50
TV13. FM wire dipole antenna for 300-ohm input. 59-in length . \$2.70

Remote Controls

SC-460. Preprogrammed with 700 codes for TV's, VCR's, cable boxes, CD players, audio components, and digital satellite receivers . \$35
SC-440. 550 codes for TV's, VCR's, cable boxes, and CD players . \$25
SC-240. As SC-440, with 370 codes . \$20

CD Accessories

CD20 CD-to-Cassette Adaptor. For front- or side-loading players . \$30
CD25 Lens Cleaner. Cleaning CD with recorded voice instruction . \$20
CD57 Restorer/Cleaning Kit. Includes cleaning and restorer solutions . \$8
CD24 CD Cleaner. Support table with disc-gripping support pad. Includes chamols and solution . \$7.50
CD85 Jewel Boxes. 5 pk . \$6
CD19 Cleaning Cloths. Washable . \$4
CD18 CD Wipes. 15 pk . \$3.60
CD83 Jewel Boxes. 3 pk . \$3.60

Cassette Accessories

37TC Demagnetizer. LED indicator . \$15
38TC Demagnetizer/Cleaning Cassette . \$7.80
150TC Tape-Path Cleaning Cassette. Includes 1.5-oz fluid . \$5.50
144TC Demagnetizer/Cleaner. Wet-type tape-head cleaner . \$3.80
112TC Head Cleaning Cassette. Includes 0.34-oz fluid . \$3.80
71TC Head Cleaning Cassette . \$1.80

94TC-10 Cassette Boxes. Clear-plastic. 10 pk . \$6
94TC. Four boxes . \$2.50
94TCB. One box . \$0.80

Headphone Earpads

EG-45. Earbud and headphone earpads . \$2.70
EG-43. 2 sets of headphone pads . \$2.70
EG-41. As EG-43, for lightweight models . \$2.70
SHP1. As EG-43, for mini models . \$2.70

ROOMTUNE

Component Racks

Signature Clamprack. Holds 4, 3, or 2 components on two 1/2-in shelves. Brass hardware and rack-bot-



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AIWA NSX'999	MINI SYSTEM	CALL
YAMAHA CC-70W	CONCERT SYSTEM	CALL
JVC MXC98S	MINI COMPONENT	CALL
JVC UXC7BK	MINI SHELF SYSTEM	CALL

CALL FOR BRANDS NOT SHOWN

VCR'S



JVC HRS7100	SVHS VCR	CALL
JVC HRS51	SVHS VCR	CALL
JVC HRVP628U	S-VHS VCR	CALL
RCA VR674HF	4 HEAD HI-FI VHS VCR	CALL
TOS M250	VHS VCR	CALL

CALL FOR BRANDS NOT SHOWN

CD CHANGER



PIONEER CD-1500G	CD MIXER	CALL
PIONEER PDM423	6 DISC PLAYER	CALL
YAMAHA CC 903	CD CHANGE	CALL
JVC XLM417TN	6-1 CD CHANGER	CALL
JVC XLNCM1	100 DISC STORAGE	CALL

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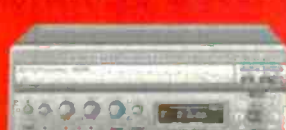
SPEAKERS



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JBL MOVES 1	3PC N 1 BOX SPKRS	CALL

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PIONEER CLDS704	LD PLAYER	CALL
PIONEER CLDD504	CD/CDVLD PLAYER	CALL

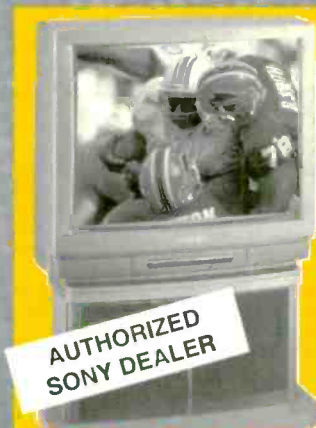
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ACCESSORIES

tom cones. Widths range from 48 to 24 in and priced accordingly\$1,950-\$1,399

Clamprack. Holds 5, 4, 3, or 2 components on two 1½-in shelves. Widths from 54 to 24 in ... \$829-\$469

Deluxe Justarack. Adjustable racks with from 8 to 3 tunable 1½-in shelves; widths from 54 to 24 in. Custom shelves available\$759-\$409

Justarack. As above, ¾-in shelves\$659-\$359

Signature Tuning Board. Amplifier stand with brass rack-bottom cones\$499

Tuning Board. Amplifier stand. 24 x 16 x 1½ in \$129

Tuning Panels and Strips

The following are passive listening-room acoustic-treatment accessories.

TunePak. 4 CornerTune/4, 2 EchoTune/2, 4 TuneStrips/4\$285

Deluxe RoomTune/2. Floor-standing room resonance tuning panels\$239

BassTune/1. Panels for low-frequency problem areas. 36 x 15 in\$199

TuneStrip/4. For corner, 12 in above floor. 48-in strips\$179

CornerTune/4. Triangles for upper room corners. \$89

EchoTune/2. Rectangles for echo control at midpoint of wall/ceiling junction\$45

ROTEL

RLC-900 Line Conditioner. Provides AC surge and RFI protection for up to 8 components. Features digital noise filter. Time-delayed amplifier-outlet power-on and accessory-outlet power-off; one unswitched AC outlet\$200

RSS-900 Speaker Selector. Switches 6 speaker pairs from one amplifier. One direct and 5 remote switches\$200

SALAMANDER DESIGNS

Archetype 5.0 Component Rack. 5 adjustable shelves. Expandable. Made of solid cherry or oak; various finishes available. 23 x 36 x 16 in\$199

Archetype 2.0. As above; 2 shelves; various finishes. 23 x 18 x 16 in\$80

Bridge. Connects any two racks\$80

Monitor Platform. TV shelf fits on top of any rack\$60

SANDBAGS

Speaker Stands

The following are made of MDF and factory-loaded with sand.

Elite. Satin black top and base, walnut upright. Height 27½ in; top plate 8½ x 1 x 9 in\$495/pr

Stealth. Satin black finish. Height 24 in; top plate 8½ x 1 x 9 in\$395/pr

Matador. Satin black finish. Height 30 in; top plate 5 x ½ x 6 in\$295/pr

SANUS SYSTEMS

Component Foundations Component Furniture

The following have heavy-gauge steel frames that may be filled with sand or shot and MDF shelves in black ash or natural oak vinyl veneer. Needs assembly.

CF55. 55-in 6-level equipment rack\$425

CF45. 45-in 5-level equipment rack\$375

CF35. 35-in 4-level equipment rack\$350

CF20. 20-in two-level 36-in-width rack\$300

CFAF. Fountainhead amplifier stand\$230

CFAH. Oak or walnut amplifier stand\$220

CFAB. Amplifier stand\$200

ATK. Audio trim kit\$25-\$80

Ultimate Foundations Speaker Stands

The following feature three fillable steel pillars and a large Fountainhead base; adjustable spiked feet.

UF28. 28-in height\$350

UF20. 20-in height\$340

UF24. 24-in height\$340

UF16. 16-in height\$330

Reference Foundations Speaker Stands

As Ultimate Foundations but with two pillars and a triangular base.

RF28. 28-in height\$270

RF20. 20-in height\$260

RF24. 24-in height\$260

RF16. 16-in height\$250

Steel Foundations Speaker Stands

The following have two pillars; black-lacquer finish.

SF28. 28-in height\$190

SF20. 20-in height\$180

SF24. 24-in height\$180

SF16. 16-in height\$170

Euro Foundation Speaker Stands

The following feature adjustable steel spiked feet.

EFSAT. Black-powder finish\$100

EF16. 16-in height. Black-powder finish\$80

EF24. 24-in height. Black-powder finish\$80

EFB. Universal bracket\$6.99

Natural Foundations Series II Speaker Stands

The following feature ¾-in MDF construction and provisions for cable hiding.

NF28. 28-in height. Black-lacquer finish\$90

NF21. 21-in height. Black-lacquer finish\$70

Above with solid walnut or oak pillars\$80

NF14. 14-in height. Black-lacquer finish\$65

Above with solid walnut or oak pillars\$75

NF7. 7-in height. Black-lacquer finish\$60

Basic Foundations Series II Speaker Stands

The following feature ¾-in MDF construction and a black-satin finish.

S31. 31-in height\$60

S24. 24-in height\$55

S17. 17-in height\$50

S10. 10-in height\$45

S5. 5-in height\$40

SCOTCH

CD Laser Lens Cleaner. Dry\$19.99

CD Radial Cleaner Kit. Wet\$19.99

Cassette Head Cleaner/Demagnetizer. Dry. 24 cleanings\$6.99

Cassette Wet Head Cleaner Kit. 24 cleanings \$3.29

Cassette Head Cleaner. Wet. 24 cleanings\$1.99

Re-Label Tape. For audio and video recording media. Removable\$1.89

SESCOM

R/S SC Stereo Combiner. Actively creates mono signal from stereo source. Transformer-balanced XLR inputs and outputs. Can be configured for unbalanced input/output\$200

Kit version\$135

R/S SPM Phase Meter. Indicates phase and signal-volume for 2 channels. Transformer-balanced line-level XLR inputs. Can be configured for unbalanced inputs. LED'S\$150

Kit version\$100

R/S SB Balanced/Unbalanced Converter. Converts balanced signal to unbalanced or vice versa with gain and impedance corrections. Transformer-balanced inputs and outputs; XLR and RCA connectors\$150

Kit version\$100

TR-135 Balanced/Unbalanced Transformer. Connects XLR plug to 18-in cable with RCA plug\$74

TR-145 Unbalanced Transformer. Designed to eliminate ground loops for 2 components using unbalanced connections\$55

Component Racks

RSR-12. Holds 12 units\$75

RSR-10. Holds 10 units\$70

RSR-8. Holds 8 units\$65

RSR-6. Holds 6 units\$60

SOLIDSTEEL

All of the following tables have supports made of welded-steel tubes that can be filled with sand or shot. Shelves are MDF finished in black; silver finish \$50-\$100 extra. All except amplifier tables decoupled from supports by duraluminum cones.

Audio Tables

Model 64. 4 legs; 3-cm-thick MDF shelves. Height 39 in. Top shelf 22½ x 20¼ in\$1,200

Model 410. 5 shelves; 4 legs. Height 39 in. Top shelf 21 x 16 in\$550

Model 48. 4 shelves; 4 legs. Height 33 in. Top shelf 21 x 16 in\$475

Model 47. 3 shelves; 4 legs. Height 27 in. Top shelf 21 x 16 in\$400

Model 36/pro. 2 shelves; 3 legs. Height to top shelf 25 in. Top shelf 16¼ x 14½ in\$350

Model 44. 2 shelves; 4 legs. Height 18½ in. Top shelf 21 x 16 in\$300

Model 36/3. 3 shelves; 3 legs. Height 25 in. Top shelf 16¼ x 14½ in\$275

Model 36. 2 shelves; 3 legs. Height 25 in. Top shelf 16¼ x 14½ in\$225

A/V and Amplifier Tables

H1 A/V Table. 6 legs; 31-in TV shelf; 4 inside shelves. Height 25 in. Top shelf 40½ x 16¼ in\$850

Model A Amplifier Table. 4 legs; 22-mm MDF top; rubber decoupling system. Holds amplifier up to 130 lb. Height 7½ in. Shelf 19½ x 23½ in\$275

Model B. As above. Holds amplifier up to 80 lb. Shelf 18½ x 15½ in. Black\$250

Speaker Stands

The following have adjustable steel spikes and 3 fillable steel legs. Black; silver finish \$50 extra.

SS5. Top plate 7½ x 7½ in. Height 19½ in\$650

SS6. Top plate 6¼ x 6¼ in. Height 23½ in\$650

SS7. Top plate 6¼ x 6¼ in. Height 27½ in\$650

X1. For floor-standing speakers at least 9 x 11¼ in. Duraluminum support cones with adjustable steel spikes. Height 7½ in\$200/pr

X2. As X1, for speakers at least 9 x 9 in\$200/pr

SONEX

The following are all Class 1 Fiber Free Willtec acoustic-control products.

SOC-2. 24 x 48-in panel. 2 in thick. Covers 64 square ft. White; other colors available. 8 pk\$169

SJ-2. 24 x 24-in sheet. 2 in thick. Covers 16 square ft. White; other colors available. 4 pk\$75

Pyramid Series

OPYR-4P. 24 x 24-in sheet. 4 in thick. Covers 32 sq ft. Charcoal, beige, brown, or gray. 8 pk\$388

OPYR-3P. As above, 3 in thick. Covers 40 sq ft. 10 pk\$364

OPYR-2P. As above, 2 in thick. Covers 56 sq ft. 14 pk\$340

OPYR-6P. As above, 6 in thick. Single sheet\$73

OPYR-4. 24 x 24-in sheet. 4 in thick. Covers 32 sq ft. White. 8 pk\$233

OPYR-3. As above, 3 in thick. Covers 40 sq ft. 10 pk\$232

OPYR-2. As above, 2 in thick. Covers 56 sq ft. 14 pk\$258

OPYR-6. As above, 6 in thick. Single sheet\$56

One Series

SOP-2. 24 x 48-in panel. 2 in thick. Covers 64 sq ft. Charcoal, beige, brown, or 8 pk\$388

SOP-3. As above, 3 in thick. Covers 32 sq ft. 4 pk\$297

SOH-2. 24 x 48-in panel. 2 in thick. Covers 64 sq ft. Black, gray, or white. 8 pk\$388

SOH-3. As above, 3 in thick. Covers 32 sq ft. 4 pk\$297

ACCESSORIES

- SON-2.** 24 x 48-in panel. 2 in thick. Covers 64 sq ft. White. 8 pk\$295
SON-3. As above, 3 in thick. Covers 32 sq ft. 4 pk\$223

Mini Series

- MSO-1.** 24 x 48-in sheet. 1 in thick. Covers 96 sq ft. White; other colors available. 12 pk\$237
MSO-2. As above, 1½ in thick. Covers 64 sq ft. 8 pk\$221

ValueLine Series

- VLW-60.** 24 x 48-in panel. 2½ in thick. Covers 32 sq ft. White; other colors available. 4 pk\$175
VLW-53. As above, 1½ in thick. Covers 40 sq ft. 6 pk\$167
VLW-35. 1½ in thick. Covers 64 sq ft. 8 pk\$169

SONUS FABER

Sedimentary Stone Speaker Stand. Wood column with sedimentary stone base. Height adjustable from 23¾ to 31¼ in\$950/pr

Iron Speaker Stand. Wood and Iron column with iron base. Height adjustable from 23¾ to 31¼ in\$850/pr

SONY

- DT-10CL DAT-Deck Cleaning Cassette**\$13.99
C-1K Cassette-Deck Cleaning Cassette\$1.99

SORICE

A/V Cabinets

Prices listed are for a teak finish. Other finishes are available.

- A-MPC2.** Holds 270 LP's or videodiscs; also holds TV/VCR. 23½ x 29½ x 15 in\$399
A-TVC. Holds 270 LP's or videodiscs and TV/VCR. VCR shelf. 23½ x 29½ x 15 in\$399
A-300. Holds 300 CD's, 217 audio cassettes, or 80 video cassettes. 23½ x 39½ x 7½ in\$299
A-MPC1. Holds 135 LP's or videodiscs; can also hold TV. 23½ x 14¼ x 15 in\$219
A-150. Holds 150 CD's, 93 audio cassettes, or 40 video cassettes. 23½ x 20 x 7½ in\$169

- S2 CD Flipper.** Holds 10 single CD's. Teak finish; other finishes available\$15.99
S1 CD Holder. Displays disc in jewel box. Teak finish; other finishes available\$7.99

SOUND ANCHORS

- Filled Equipment Stand.** Steel T-shape supports for 3 components plus top platform; 3 cones under bottom support to decouple stand from floor. Light textured black finish. Custom made to order; price is estimate only\$1,200
Four Point Amplifier Stand. Choice of casters or cones. Black\$250
Three Point Amp Stand. As above, cones\$225

In addition to the following speaker stands, Sound Anchors offers stands that are designed for specific models of B&W, Eminent Technology, Spica, and Vandersteen speakers. Contact the manufacturer for information.

Four Post Super Monitor Speaker Stands. Ranging from 28 inches high to less than 12 inches high. Black\$560 to \$400

Three Post Super Monitor Speaker Stands. Ranging from 28 inches high to less than 12 inches high. Black\$440 to \$325

Single Post Monitor Speaker Stands. 6 to 24 in high. Filled or unfilled. Black\$265 or \$200

SOUNDOLIER

ASL-4 Speaker Switcher. For 4 speaker pairs and cable from 14 to 18 gauge. Auto impedance-matching protection; on/off switch and volume control for each speaker pair. Power handling 35 W rms/ch\$340

SOUNDSTREAM

R3 Programmable A/V Remote Control. Programmable for 10 sources. Macro programming; downloading to program other Soundstream remote controls; battery backup\$299

SPECO

Stereo Speaker Selector Box. Control for up to 5 speaker pairs. Imp maintenance; circuit breaker. Power handling 50 W/ch\$77

STANDESIGN

Multidesign Flatpack A/V Rack. 6 black-ash wood shelves. 39 x 34½ x 16 in\$599

- Design 5 Audio Rack.** 5 shelves. Height 34 in. Shelf width 20 in\$399
Design 4. As above, 4 shelves\$339
Design 3. As Design 5, 3 shelves\$299

- Penta Audio Rack.** 5 shelves. Black-ash finish. Height 34 in. Shelf width 18¼ in\$359
Quatro. As above, 4 shelves\$299
Trident. As Penta, 3 shelves\$259
Duplex. As Penta, 2 shelves. Height 24 in\$179
Video Bridge Shelf. For any of the above\$100

TT/WB2 Component Support. Wall-mount, with pivoting platform and glass shelf. Width 18 in. Depth 16 in\$229
TT/WB1. As above, wood shelf\$169

WB2 Speaker Support. Wall-mount, with pivoting platform and glass shelf\$109/pr
WB1. As WB2, wood shelf\$49/pr

- Modular Base 1.** Stackable amplifier base. Height 4½ in. Shelf width 18 in\$75
Module 1. Stackable shelf for the above\$75
Bridge 1. Connects pair of above modules\$100

Speaker Stands

- Model DS.** 14 in high. 16, 20, 24, or 28 in are available\$175/pr
Model Z. Z-shape. 10-in high; others available\$150/pr
Model JL. 16 in high. 20-in available\$100/pr
Model ZB. Z-shape. 14 in high; 20 in available\$80/pr
BB-75. 4 spikes. 12, 16, 20, or 24 in high\$75/pr
BB-50. 3 spikes. 12, 16, 20, or 24 in high\$50/pr

STUART-TOWNSEND-CARR

Stuart-Townsend-Carr offers a variety of revolving CD racks with disc capacities varying from 525 to 1,175 CD's and prices varying from \$525 to \$1,175. Contact the manufacturer for information.

TARA LABS

Vanishing Points. Isolation cones to eliminate external vibrations; titanium-oxide/resin composite. Set of 3 with bases\$59

TDK

- CDC-L CD-Player Lens Cleaner**\$20
CD-C1 CD Cleaner\$15
ADM Cassette-Deck Demagnetizer\$15
CD-P CD Wipes\$4
AHC-W Cassette-Deck Head Cleaner. Wet type\$4
AHC-D Cassette-Deck Head Cleaner. Dry type\$3

TENDERFEET

Spike Feet II. 8 speaker spikes\$30
Tenderfeet/Tendercups. Isolation and furniture/floor protection device\$5.50

TERK

Antennas

AF-1. AM/FM antenna. FM gain 20-44 dB, AM gain 15 dB\$80

- AF-9925.** AM/FM antenna. FM gain 20-42 dB, AM gain 15 dB\$50
Model 3000. AM/FM antenna. FM gain 0-28 dB, AM gain 15 dB\$35
AF9330. AM/FM antenna. FM gain 20-42 dB, AM gain 15 dB\$25
Model 2000. FM antenna\$9.95

CD-25 Storage Unit. Holds 25 CD's\$19.95

TICE

PB III Signature Series Filter. 5 AC outlets. Filtering circuitry; AC volt meter; 2 independent power conditioners; 2 independent circuits for power amplifiers totaling 2,775 W; 3 independent 300-W circuits for source components\$1,350

- MBF-3 Power Conditioner.** 3 isolated filter circuits. Spike and surge protection; one reverse-polarity outlet for each of 16 regular outlets; digital pollution elimination; 1,875-W max power\$625
MBF-4. As above, 4 isolated filter circuits\$625

TIFF

Power Line Conditioners

- 05230.** 2,500-VA capacity. 6 outputs including two reverse-polarity\$2,495
05220. 1,000-VA capacity. 5 outputs per channel including one reverse-polarity\$2,295
05240. 500-VA capacity. 5 outputs including one reverse-polarity\$1,295

TRANSPARENT

Power Line Conditioners

- Powerlink Reference Powerbank.** 14 outlets; 3-stage delay; remote control\$2,500
Powerlink Ultra Powerbank. 8 outlets\$750

TREE DIMENSIONS

The following are made of solid oak in natural finish.

Multimedia Storage

- MMSP-500.** Holds 504 CD's, 312 audio cassettes, or 144 video cassettes. Adjustable shelves\$200
CD-630. 630 CD's or 378 audio cassettes\$180
CD-450. 450 CD's or 270 audio cassettes\$150
MMSP-300. 300 CD's or 48 video cassettes\$150
MMSP-200. 200 CD's, 132 audio cassettes, or 57 video cassettes. Stackable; adjustable shelves\$100
CD-250. As above, holds 250 CD's, 155 audio cassettes, or 100 video cassettes\$80
CDV-150. As above, holds 150 CD's, 90 audio cassettes, or 60 video cassettes\$35
CDV-50. As above, holds 50 CD's, 30 audio cassettes, or 18 video cassettes\$20

CD Storage

- CDSP-200.** Holds 200 CD's. Rotates on ball-bearing turntable\$120
CDSP-100. As above, holds 100 CD's\$80
CDT-100. Angled tower, holds 102 CD's\$80

VAUX

Vaux Console Model Con-1 Remote Control. RF transmission. Provides access to 6 programmable infrared devices, 100 X-10 devices, and 10 macro functions\$320

VIBRATION CONTROL PRODUCTS

VPC:2 Vibration Control. Designed for use underneath components and speakers. 4 pk\$48

WELL TEMPERED LABS

- Finyl 200 CD Cleaner.** Treats 200 CD's\$24
Finyl 100. Above for 100 CD's\$12

YBA

Mains Filter. Filters interference from AC power line without power loss\$700

AAMP

13160 56th Ct., Suite 502-508
Clearwater, FL 34616
818-572-9255

Acarian Systems

15 Woodview Dr.
Nesconset, NY 11767
516-737-9369

Accuphase

(see **Axiss Distribution**)

Ace Audio

R.R. 3, Box 351
Homer City, PA 15748-9266
412-479-3054

Acoustex

One Garfield Circle
Burlington, MA 01803
617-229-2100

Acoustical Solutions

2720 Enterprise Pky.
Richmond, VA 23294
800-782-5742

Acoustic Interface

P.O. Box 747
Santa Barbara, CA 93116
805-964-0247

Acoustic Profiles

(see **Audiosphere**)

Acoustic Research

535 Getty Ct.
Benicia, CA 94510
800-969-2748

Acrotec (see **Axiss Distribution**)

Acurus (see **Mondial Designs**)

Adcom

11 Elkins Rd.
E. Brunswick, NJ 08816
908-390-1130

A/D/S/

One Progress Way
Wilmington, MA 01887
617-729-1140

Advanced Electrodynamic Systems

860 N. Cypress St.
Orange, CA 92667-6608
714-639-7690

Advanced Sound

711 E. Magnolia Ave.
Knoxville, TN 37917
615-637-6694

Advent

25 Tri-State Intl. Office Ctr. #400
Lincolnshire, IL 60069
800-477-3257

Aerial Acoustics

P.O. Box 81248
Wellesley, MA 02181
617-235-7715

AES

P.O. Box 90, Marblehead, MA 01945
617-592-4966

Air Tight (see **Axiss Distribution**)

Aiwa

800 Corporate Dr.
Mahwah, NJ 07430
800-289-2492

AKG Acoustics

8500 Balboa Blvd.
Northridge, CA 91329
818-894-8850

Allison Acoustics

478 Stanford Ave.
Danville, KY 40422
606-236-8298

Allsop

P.O. Box 23, Bellingham, WA 98227
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Alon (see **Acarian Systems**)

Alpha Consumer Products

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N. Canton, OH 44720
800-442-5742

Alpha-Core

915 Pembroke St.
Bridgeport, CT 06608
800-836-5920

Altec Lansing

P.O. Box 277, Milford, PA 18337
800-258-3288

AMC (see **Weltronics**)

American Hybrid Technology

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Trenton, NJ 08629-2115
609-599-3828

American Recorder Technologies

4545-6A Industrial St.
Simi Valley, CA 93063
800-777-9580

Annis

1101 N. Delaware St.
Indianapolis, IN 46202
317-637-9282

Aperature

P.O. Box 877, Bunnell, FL 32110
904-437-5530

Apogee

35 York Ave., Randolph, MA 02368
617-963-0124

Apollo (see **QMI**)

Aragon (see **Mondial Designs**)

Arant

P.O. Box 192, Marlboro, NH 03455
603-876-4400

Arbiter (see **Dynaudio**)

Arcam (see **Audio Influx**)

Artech

P.O. Box 1980, Champlain, NY 12919
514-631-6448

ASB

8640 Guilford Rd., Suite 197
Columbia, MD 21046
301-604-2377

ASC

P.O. Box 1189, Eugene, OR 97440
800-272-8823

Atlantic Technology

343 Vanderbilt Ave.
Norwood, MA 02062
617-762-6300

Atlantis (see **Audio Plus Services**)

Audience

1525 Brian Pl., Escondido, CA 92025
619-743-1997

Audio Advancements

P.O. Box 100, Lincoln Park, NJ 07035
201-633-1151

Audio Alchemy

31133 Via Colinas #111
Westlake Village, CA 91362
818-707-8504

Audio Artistry

8312 Salem Dr. Apex, NC 27511
919-319-1375

Audio by Van Alstine

2202 River Hills Dr.
Burnsville, MN 55337
612-890-3517

Audio Concepts/ACI

901 S. 4th St., La Crosse, WI 54601
608-784-4579

AudioControl

22410 70th Ave. W.
Mountlake Terrace, WA 98043
206-775-8461

Audio Design Associates

602-610 Mamaroneck Ave.
White Plains, NY 10605
914-946-9595

Audiodyne

P.O. Box 34210
Las Vegas, NV 89133-4210
702-228-9962

Audiophile Home Theater

1144 N. Grove St.
Anaheim, CA 92806
714-666-0313

Audio Influx

P.O. Box 381
Highland Lakes, NJ 07422
201-764-8900

Audio Innovations

535 Getty Ct. #A Benicia, CA 94510
707-747-0151

Audio Insurgents

3792 Arthur Ave. W.
Seaford, NY 11783
516-489-9576

Audiolab (see **Artech**)

Audiolab Electronics

5831 Rosebud Lane Bldg. C
Sacramento, CA 95841
800-624-1903

Audio Machine & Design

1544 S. 1st St.
Lincoln, NE 68502
319-355-2417

Audiomeca

(see **Audio Plus Services**)

Audio Note

60 Hannah St.
Staten Island, NY 10301
718-876-9742

Audiophile Systems

8709 Castlepark Dr.
Indianapolis, IN 46256
800-546-6443

Audio Physic (see **Immedia**)

Audio Plus Services

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Plattsburgh, NY 12901
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Audio Power Industries

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Santa Ana, CA 92707
714-545-9495

Audio Products International

3641 McNicoll Ave.
Scarborough, Ontario M1X 1G5
416-321-1800

AudioQuest

P.O. Box 3060
San Clemente, CA 92674
714-498-2770

Audio Research

5740 Green Circle Dr.
Minnetonka, MN 55343-4424
612-939-0600

AudioSource

1327 N. Carolan Ave.
Burlingame, CA 94010
415-348-8114

Audiosphere

25 Esna Park Dr.
Markham, Ontario L3R 1C9
905-474-0909

AudioStream

MPO Box 2410
Niagara Falls, NY 14302
905-632-0180

Audio Synthesis

(see **Ultra Systems**)

Audio-Technica

1221 Commerce Dr.
Stow, OH 44224-1760
216-686-2600

AudioTruth (see **AudioQuest**)

Audiovector

(see **High Fidelity Products**)

Audire

18474 Amistad St., Suite E
Fountain Valley, CA 92708
714-968-1236

Aurora Custom Millwork

P.O. Box 31374
Aurora, CO 80041-1374
303-337-1353

Avalon Acoustics

2800 Wilderness Pl.
Boulder, CO 80301
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Avia (see **Chicago Audio Group**)

Avid Dynamics (see **Arant**)

AV Line (see **TC Audio**)

AVS Technologies

2100 Trans Canada Hwy. S.
Montreal, Quebec H9P 2N4
514-683-1771

A.W.H.

P.O. Box 591, Bellport, NY 11713
516-286-4989

Axiom

Hwy. #60, Dwight, Ontario P0A 1H0
705-635-2222

Axiss Distribution

17800 S. Main St., Unit 109
Gardena, CA 90248
310-329-0817

Ayre

2300-B Central Ave.
Boulder, CO 80301
303-442-7300

Bag End
P.O. Box 488, Barrington, IL 60011
708-382-4550

B&K Components
2100 Old Union Rd.
Buffalo, NY 14227
800-543-5252

B&W
54 Concord St.
N. Reading, MA 01864-2699
800-299-9380

Bang & Olufsen
1200 Business Ctr. Dr.
Mt. Prospect, IL 60056
708-299-9380

Basik Rak (see Ultra Systems)

Basis (see Musical Surroundings)

Baton
1060 Old Taylor St., Vista, CA 92084
619-941-3516

BBE
5381 Production Dr.
Huntington Beach, CA 92649
714-897-6766

BEL
2530 Berryessa Rd., #126
San Jose, CA 95132
408-259-8648

Bel Canto Design
10250 Valley View Rd., Suite 135A
Eden Prairie, MN 55344
612-942-9919

Bell'Oggetti
711 Ginesi Dr., Morganville, NJ 07751
908-972-1333

Benz Micro
(see Musical Surroundings)

Beyerdynamic
56 Central Ave.
Farmingdale, NY 11735
800-293-4463

Bib
P.O. Box 27682, Denver, CO 80227
800-325-0853

BIC America
883-E Hampshire Rd.
Stow, OH 44224
216-928-2011

Billy Bags
4147 Transport St.
Ventura, CA 93003
805-644-2185

Bitwise Audio Technologies
10065 Barnes Canyon Rd.
San Diego, CA 92121
619-546-8824

Bose
The Mountain
Framingham, MA 01701
800-444-2673

Boston Acoustics
70 Broadway, Lynnfield, MA 01940
617-592-9000

Boulder
4850 Sterling Dr., Boulder, CO 80301
303-449-8220

Bozak
539 Norwich Ave., Taftville, CT 06380
203-885-1377

Bright Star Audio
2363 Teller Rd. #115
Newbury Park, CA 91320
805-375-2629

Brookline Technologies
2035 Carriage Hill Rd.
Allison Park, PA 15101
800-366-9290

Bryston
P.O. Box 2170, 677 Neal Dr.
Peterborough, Ontario K9J 7Y4
705-742-5325

Bush
1 Mason Drive
Jamestown, NY 14702-0460
800-950-4782

Cable Technologies
(see E. A. Zarth)

Cadawas Acoustics
92 Oneida Ave.
Staten Island, NY 10301
718-981-9138

Caig Laboratories
16744 W. Bernardo Dr.
San Diego, CA 92127-1904
619-451-1799

California Audio Labs
1751 Langley Ave., Irvine, CA 92714
714-833-3040

Calrad
819 N. Highland Ave.
Los Angeles, CA 90038
213-465-2131

Camber
3700 Griffith, #338
Montreal, Quebec H4T 1A7
514-738-3225

Cambridge Physics (see Arant)

Cambridge SoundWorks
311 Needham St.
Newton, MA 02164
800-367-4434

Camelot Technology
30 Snowflake Rd.
Huntingdon Valley, PA 19006-1518
215-357-8356

Canton
915 Washington Ave. S.
Minneapolis, MN 55415-1245
612-333-1150

Cardas
480 11th St. S.E., Bandon, OR 97411
503-347-2484

Carver and Carver Research
P.O. Box 1237
Lynnwood, WA 98046
206-775-1202

Cary Audio Design
111-A Woodwinds Industrial Ct.
Cary, NC 27511
919-481-4494

Case Casard (see Bush)

Case Logic
6303 Dry Creek Pky.
Longmont, CO 80503
303-530-3800

Castle (see QMI)

CEC (see Parasound)

Celestion
89 Doug Brown Way
Holliston, MA 01746
508-429-6706

Cello
315 Peck St., New Haven, CT 06513
203-867-4008

Cerwin-Vega
555 E. Easy St.
Simi Valley, CA 93065
805-584-9332

Chapman
P.O. Box 140, Vashon, WA 98070
206-463-3008

Chase Technologies
111 2nd Ave. N.E., Suite 700A
St. Petersburg, FL 33701
800-531-0631

Chicago Audio Group
4711 W. Armitage Rd.
Chicago, IL 60639
800-594-5133

Chiro (see Kinergetics)

Citation
26046 Eden Landing Rd., Suite 5
Hayward, CA 94545
800-787-6766

Classe Audio
9414 Cote de Liesse
Lachine, Quebec H8T 1A1
514-636-6384

Classic Audio Reproductions
5115 Red Fox, Brighton, MI 48116
810-229-5191

Clements
3450 W. Baylor Lane
Chandler, AZ 85226
800-361-2192

Coby
55-60A 58th St., Maspeth, NY 11378
718-416-3300

Coda
9941 Horn Rd., Unit A
Sacramento, CA 95827
916-363-4653

Cogent
25166 Via de Anza
Laguna Niguel, CA 92677
714-495-2322

Cogneo Designs
3250 Darley Ave., Boulder, CO 80303
303-499-0408

Conrad-Johnson
2733 Merrilee Dr., Fairfax, VA 22031
703-698-8581

Continuum (see Coda)

Counterpoint
2281 Las Palmas Dr.
Carlsbad, CA 92009
619-431-5050

Creative Acoustics
P.O. Box 300
Hollis Station, NY 11423
718-464-6444

Creek (see Music Hall)

Crest
100 Eisenhower Dr.
Paramus, NJ 07652
201-909-8700

Crosby Audio Works
101 N. First St., Suite 163
Los Altos, CA 94022
408-736-6120

CSI (see Speco)

Custom Designed Speakers
612-225-4466

Custom Woodwork & Design (CWD)
54 Concord St.
N. Reading, MA 01864-2699
800-323-2159

Cyclops Distributors
600 N. 12th St., Reading, PA 19604
610-374-9038

Dahlquist
31133 Via Colinas, #111
Westlake Village, CA 91362
818-707-8504

David Lucas
924 Hulton Rd.
Oakmont, PA 15139
412-828-1967

Day Sequerra
535 Getty Ct. #A, Benicia, CA 94510
707-747-0151

DB Systems
P.O. Box 460, Rindge, NH 03461
603-899-5121

DCM
670 Airport Blvd.
Ann Arbor, MI 48108
800-878-8463

Definitive Technology
11105 Valley Heights Dr.
Baltimore, MD 21117
410-363-7148

Dennesen
P.O. Box 51, Beverly, MA 01915
508-927-2521

Denon
222 New Rd., Parsippany, NJ 07054
201-575-7810

DGX
778 Marconi Ave.
Ronkonkoma, NY 11779-7230
516-471-3282

Digital Phase
6217 Vance Rd., Suite 205
Chattanooga, TN 37421
800-554-7325

Discwasher (see Recoton)

Dodson Audio
8881 Pipestone Way
San Diego, CA 92129
619-484-8199

Don J. Cochran Inc.
1900 Embarcadero Rd., Suite 109
Palo Alto, CA 94303
415-496-1900

Dual
19 W. 44th St., Suite 1010
New York, NY 10036
212-840-1976

Duntech
111 South Dr., Barrington, IL 60010
708-526-1681

D. W. Electrochemicals
97 Newkirk Rd. N., Unit 3
Richmond Hill, Ontario L4C 3G4
905-508-7500

Dynaclear (see **Artech**)

Dynaco (see **Panor**)

Dynaudio

3043 N. Rose St.
Franklin Park, IL 60131
708-288-1767

Dzurko Acoustics

901 S. 4th St., La Crosse, WI 54601
608-784-4570

E. A. Zarth

2525 Arapahoe Ave., E4.284
Boulder, CO 80302
303-443-4443

Edge

2888 30th St., Unit 2
Boulder, CO 80301
303-443-6555

EgglestonWorks

378 S. Main St., Memphis, TN 38103
901-525-1100

ELAN (see **Square D**)

Electrocompaniet (see **EuroSon**)

Emerson

9 Entin Rd.
Parsippany, NJ 07054-0430
201-884-5800

Emerson by Jasco

311 N.W. 122nd St.
Oklahoma City, OK 73114
800-654-8483

Eminent Technology

225 E. Palmer St.
Tallahassee, FL 32301
904-575-5655

Energy

(see **Audio Products International**)

Enlightened Audio Designs

300 W. Lowe, Fairfield, IA 52556
515-472-4312

Ensemble

119 Main St., Mt. Kisco, NY 10549
800-367-3625

Entec (see **Crosby Audio Works**)

Epic Design Studios

11641 Salinaz Dr.
Garden Grove, CA 92643
800-343-3742

Epitome (see **GC Electronics**)

Epos (see **Music Hall**)

Esoteric (see **Teac**)

Esoteric Audio

44 Pearl Pentecost Rd.
Winder, GA 30680
404-867-6300

Esoteric Sound

4813 Wallbank Ave.
Downers Grove, IL 60515
708-960-9137

Esper

95A Beech St. #206
Ottawa, Ontario K1S 3J7
800-318-9431

Essence

805 M St., Lincoln, NE 68508
402-477-0600

Etymotic Research

61 Martin Lane
Elk Grove Village, IL 60007
708-228-0006

EuroSon

40 Cain Dr., Brentwood, NY 11717
516-273-4200

Expressive Technologies

P.O. Box 6401, Hclliston, MA 01746
508-429-1219

Fanfare

P.O. Box 455, Buffalo, NY 14225
905-793-7953

Fisher

21350 Lassen St.
Chatsworth, CA 91311-2329
818-998-7322

Forté (see **Threshold**)

Fried Products

1323 Conshohocken Rd.
Norristown, PA 19401
800-255-1014

GC Electronics

1801 Morgan St., Rockford, IL 61102
800-435-2931

Genelec (see **QMI**)

Genesis

P.O. Box 669, Minturn, CO 81645
303-827-9515

Geneva

7109 31st Ave. N.
Minneapolis, MN 55427
800-358-5600

George Kaye Audio Labs

8 Broadway Alley
New York, NY 10016
212-779-3713

German Acoustics

5883 N. Victoria Dr.
Indianapolis, IN 46208
317-299-5578

Gershman Acoustics

1057 Steeles Ave. W., Box 81593
North York, Ontario M2R 3X1
416-730-0955

Gertner Audio

P.O. Box 14294
Research Triangle Park, NC 27709
919-510-0333

Golden String

9593 153rd Ave. N.E.
Redmond, WA 98052
206-558-0991

Golden Tube Audio (see **Solo**)

Goldring (see **Music Hall**)

Goldstands

229 Nassau Rd.
Huntington, NY 11743
516-427-4813

Goldstar

1000 Sylvan Ave.
Englewood Cliffs, NJ 07632
201-816-2000

GPX

108 Madison St., St. Louis, MO 63102
314-621-3314

Gradient (see **Pro Audio**)

Grado Labs

4614 7th Ave., Brooklyn, NY 11220
718-435-5340

Graham Engineering

(see **Musical Surroundings**)

Greo (see **NSM Loudspeakers**)

Gryphon

285 W. Broadway, Suite 150
New York, NY 10013
212-226-2409

Hafler

546 S. Rockford Dr.
Tempe, AZ 85281
800-366-2349

Harbeth

(see **Musical Surroundings**)

Harman Kardon

80 Crossways Park W.
Woodbury, NY 11797
800-422-8027

Harmonic Precision

(see **P&W International**)

Harms Sound Labs

2016 Laporte Ave.
Ft. Collins, CO 80525
970-482-0338

Harrison Laboratory

P.O. Box 1349, Parker, CO 80134
303-841-5360

High Fidelity Products

111-A Woodwinds Industrial Ct.
Cary, NC 27511
919-481-4494

Home Theater Products

1620 S. Lewis St.
Anaheim, CA 92805
714-937-9300

Hsu Research

14946 Shoemaker Ave., Unit L
Santa Fe Springs, CA 90670
800-554-0150

Hubbell Sound Systems

P.O. Box 30136
Des Moines, IA 50310
515-277-1446

Immedia

1500 Park Ave., Emeryville, CA 94608
510-654-9035

Incus

P.O. Box 770, Amherst, NY 14221
800-835-7290

Infinity

20630 Nordhoff St.
Chatsworth, CA 91311
818-407-0228

Jackson

4524 N. 35th Pl., Phoenix, AZ 85018
602-956-7473

J. A. Michell (see **Artech**)

Jamo

425 Huehl Rd., #8
Northbrook, IL 60062
708-498-4648

Janis (see **John Marovskis**)

JBL

80 Crossways Park West
Woodbury, NY 11797
800-336-4525

Jeff Rowland Design Group

P.O. Box 7231
Colorado Springs, CO 89033
719-473-1181

Jena Labs

P.O. Box 556
Lake Oswego, OR 97034
503-639-7551

Jensen

25 Tri-State Intl. Office Ctr. #400
Lincolnshire, IL 60069
800-677-6863

JMLab (see **Prism Audio Group**)

John Marovskis

2889 Roebing Ave., Bronx, NY 10461
212-892-7419

Joseph Audio

2 Pineridge Rd.
White Plains, NY 10603
800-474-4434

Joule Electra

222 Post Oak Ln.
N. Augusta, SC 29841
803-279-6959

JPW (see **Music Hall**)

JRM Engineering

3716 Broadway N.E.
Knoxville, TN 37917-3120
615-688-6501

JVC

41 Slater Dr.
Elmwood Park, NJ 07407
800-252-5722

KAB Electro Acoustics

P.O. Box 2922, Plainfield, NJ 07062
908-754-1479

KEF

89 Doug Brown Way
Holliston, MA 01746
508-429-3600

Kenwood

P.O. Box 22745
Long Beach, CA 90801
800-453-6966

Kimber Kable

2752 S. 1900 W., Ogden, UT 84401
801-621-5530

Kinergetics

4260 Charter St., Vernon, CA 90058
213-582-9349

Kinetic Audio

P.O. Box 215
Arlington Heights, IL 60006
708-408-7466

Kirksaeter

7000 Elizabeth Dr.
McLean, VA 22101-2623
703-356-2226

KLH

11131 Dora St., Sun Valley, CA 91352
818-767-2843

Klipsch

8900 Keystone Crossing, Suite 1200
Indianapolis, IN 46240
800-554-7724

Kort Audio

4332 N. Oakland Ave., Suite 3
Shorewood, WI 53211-1665
414-962-9076

Koss

4129 N. Port Washington Ave.
Milwaukee, WI 53212
800-872-5677

KSS
2973 Calle Gaucho
San Clemente, CA 92673
714-492-5299

Lamm Audio Laboratory
185 Ave. S., Brooklyn, NY 11223
718-382-9093

Lancer
12340 McCann Dr.
Santa Fe Springs, CA 90670-3333
310-941-3509

L. A. Rocker (see **Owi**)

The Last Factory
2015 Research Dr.
Livermore, CA 94550-3803
510-449-9449

LAT International
317 Provincetown Rd.
Cherry Hill, NJ 08034
609-427-0534

Legacy Audio
(see **Reel to Real Designs**)

Legend Audio
5775 Lindero Canyon Rd.
Westlake Village, CA 91362
818-879-5704

Lenbrook
633 Granite Ct.
Pickering, Ontario L1W 3K1
905-831-6333

Leslie Dame Enterprises
111-20 73rd Ave.
Forest Hills, NY 11375
718-261-4919

Lexicon
100 Beaver St., Waltham, MA 02154
617-736-0300

Lift
115 River Rd., Edgewater, NJ 07020
800-543-8269

Lightspeed
(see **Prism Audio Group**)

Linaeum
1238 N.W. Glisan, Suite 404
Portland, OR 97209
503-222-5138

Lindsay Audiophile
(see **The Last Factory**)

Linear Research
(see **Audio Machine & Design**)

Linn (see **Audiophile Systems**)

London/Decca (see **Pro Audio**)

Luxman (see **Canton**)

Lyra (see **Immedia**)

Mach 1 Acoustics
R.R. 2, Box 334-A, Wilton, NH 03086
603-654-9826

Madrigal
P.O. Box 781, Middletown, CT 06422
203-346-0896

Magnavox (see **Philips**)

Magneplanar
1645 Ninth St.
White Bear Lake, MN 55110
612-426-1645

M&K Sound
10391 Jefferson Blvd.
Culver City, CA 90232
310-204-2854

Marantz
440 Medinah Rd., Roselle, IL 60172
708-307-3100

Marchand
P.O. Box 473, Webster, NY 14580
716-872-0980

Mark Levinson (see **Madrigal**)

Marshall Electronics
5649 Mesmer Ave.
Culver City, CA 90230
800-800-6608

Martin-Logan
P.O. Box 707, Lawrence, KS 66044
913-749-0133

Mastercraft Audio
P.O. Box 2661
Huntington Station, NY 11746
516-543-5347

Maxell
22-08 Route 208
Fair Lawn, NJ 07410
201-794-5900

MBL
8730 E. Via de la Luna, #13
Scottsdale, AZ 85258
602-991-8001

MB Quart
25 Walpole Park S.
Walpole, MA 02081
508-668-8973

McCormack
5421 Avenida Encinas, Suite J
Carlsbad, CA 92008
619-930-9550

McIntosh
2 Chambers St.
Binghamton, NY 13903
607-723-3512

Megacable (see **Radio Shack**)

Melody Audio
1940 Blake St., #101
Denver, CO 80202
303-295-3100

Melos
452 Lincoln Blvd.
Middlesex, NJ 08846
908-302-2552

Meret Audio
10920 Indian Trail, #301
Dallas, TX 75229
214-243-0200

Meridian
3800 Camp Creek Pky., Bldg. 2400
Atlanta, GA 30331
404-344-7111

Merlin
4705 S. Main St., Box 146
Hemlock, NY 14466
716-367-2390

Merrill Audio
2125 Central Ave.
Memphis, TN 38128
901-272-1275

Michael Green Designs
(see **Ultra Systems**)

Micromega (see **Golden String**)

Mirage
(see **Audio Products International**)

Mission
400 Matheson Blvd. E., #31
Mississauga, Ontario L4Z 1N8
905-507-0777

MIT
3037 Grass Valley Hwy.
Auburn, CA 95614
916-888-0394

Modern Audio Consultants
112 Swanhill Ct.
Baltimore, MD 21208
410-486-5975

Mod Squad (see **McCormack**)

Mogami (see **Marshall Electronics**)

Mondial Designs
20 Livingston Ave.
Dobbs Ferry, NY 10522
914-693-8008

Monitor Audio
P.O. Box 1355, Buffalo, NY 14205
905-428-2800

Monster Cable
274 Wattis Way
S. San Francisco, CA 94080
415-871-6000

Morch (see **Audio Advancements**)

Mordaunt-Short
(see **Audio Plus Services**)

Morel
414 Harvard St., Brookline, MA 02146
617-277-6663

MSB Technology
Rt. 3, Box 30, La Honda, CA 94020
415-747-0271

MTX and MTX Soundcraftsmen
4545 E. Baseline Rd.
Phoenix, AZ 85044
602-438-4545

Muse
P.O. Box 2198
Garden Grove, CA 92642
714-554-8200

Museatex (see **A/D/S/**)

Musical Concepts
5749 Westwood Dr.
St. Charles, MO 63304
314-926-9266

Musical Design
5749 Westwood Dr.
St. Charles, MO 63304
314-275-7162

Musical Surroundings
5856 College Ave., Suite 146
Oakland, CA 94618
510-420-0379

Music Hall
108 Station Rd.
Great Neck, NY 11023
516-487-3663

Music Reference
P.O. Box 40807
Santa Barbara, CA 93140
805-250-1825

NAD
89 Doug Brown Way
Holliston, MA 01746
508-429-2525

NAIM
1748 N. Sedgwick St.
Chicago, IL 60614
312-944-0217

Nakamichi
955 Francisco St.
Torrance, CA 90502
310-538-8150

The Natural Chord
(see **Audio Machine & Design**)

NEAR
12 Foss Rd., Lewiston, ME 04240
207-795-0609

Newform Research
P.O. Box 475
Midland, Ontario L4R 4L3
705-835-9000

NHT
535 Getty Ct., #A, Benicia, CA 94510
800-648-9993

Nikko (see **AVS Technologies**)

Niles
12331 S.W. 130th St.
Miami, FL 33186
800-289-4434

Noise Cancellation Technologies
800 Summer St., Stamford, CT 06901
203-961-0500

NSM (see **EuroSon**)

NSM Loudspeakers
P.O. Box 326, Garden City, NY 11530
516-486-8285

NuReality
2907 Daimler St.
Santa Ana, CA 92705
714-442-1080

Ohm Acoustics
241 Taaffe Pl., Brooklyn, NY 11205
718-783-1111

OmniMount
1501 W. 17th St.
Tempe, AZ 85281-6225
602-829-8000

Onkyo
200 Williams Dr., Ramsey, NJ 07446
201-825-7950

Optimus (see **Radio Shack**)

Ortofon
65 E. Bethpage Rd.
Plainview, NY 11803
516-454-6570

Otvos Industries
R.R. 4, Brighton, Ontario K0K 1H0
613-475-3633

Owi
1160 Mahalo Pl.
Compton, CA 90220-5443
310-638-4732

PAC
P.O. Box 387, Malverne, NY 11565
516-887-2708

Packburn
P.O. Box 335, Dewitt, NY 13214
315-472-5644

Panasonic
One Panasonic Way
Secaucus, NJ 07094
201-348-9090

D I R E C T O R Y O F M A N U F A C T U R E R S

P&W International

1501 Monroe St., Suite 114
Toledo, OH 43624
800-779-1723

Panor

125 Cabot Ct., Hauppauge, NY 11788
516-434-1200

Paradigm (see AudioStream)

Paragon

2966 N. Cleveland Ave.
Roseville, MN 55113
800-224-7599

Paramount Pictures

(see Home Theater Products)

Parasound

950 Battery St.
San Francisco, CA 94111
415-397-7100

Parsec (see Recoton)

Pegasus

(see The Speaker Factory)

Perco

1111 Flint Rd., Unit 15
North York, Ontario M3J 3C7
416-736-9935

Per Madsen Design

P.O. Box 882464
San Francisco, CA 94188
415-882-4883

Perreux Technologies

P.O. Box 248, Buffalo, NY 14225
716-894-7183

Peterson-Klaus

(see Sound Values)

Plantone

3300 Washington St.
Waukegan, IL 60085
708-623-1360

Phase Technology

6400 Youngerman Circle
Jacksonville, FL 32244
904-777-0700

Philips

Old Andrew Johnson Hwy., Box 555
Jefferson City, TN 37760
800-531-0039

PhyZics

2680 Post Oak Ct. N.E.
Marietta, GA 30062
404-977-5289

Pickering

101 Sunnyside Blvd.
Plainview, NY 11803
516-349-0200

Pine Box Audio

P.O. Box 726, Natick, MA 01760
508-650-4025

Pink Triangle (see Pro Audio)

Pinnacle

255 Executive Dr., Suite 310
Plainview, NY 11803
800-346-2863

Pioneer

P.O. Box 1540
Long Beach, CA 90801
800-746-6337

Pioneer Electronics Technology

1800 W. Holt Ave.
Pomona, CA 91768
800-745-3271

Placete Audio

7345 Cascade, Boise, ID 83704
208-332-1760

Pointsource

1704 Oliver, Whiting, IN 46394
219-659-0450

Polk Audio

5601 Metro Dr., Baltimore, MD 21215
800-377-7655

Posh

7865 N.E. Day Rd. W., Building C
Bainbridge Island, WA 98110
206-842-0475

Premier (see AudioStream)

Prisma (see Artech)

Prism Audio Group

14038 Tanglewood Ct.
Dallas, TX 75234
214-980-1686

ProAc

(see Modern Audio Consultants)

Pro Audio

111 South Dr., Barrington, IL 60010
708-526-1646

Proceed (see Madrigal)

Professional Technologies

5433 Lowell Rd., Rome, NY 13440
315-337-4156

Progressive Design

310 County Line Rd.
Bensenville, IL 60106
800-466-0582

ProLine (see Bib)

Proton

13855 Struikman Rd.
Cerritos, CA 90703-1031
310-404-2222

PS Audio

7325 Roseville Rd.
Sacramento, CA 95842
916-348-0667

PSB (see Lenbrook)

PSE

9755 Hamilton Rd.
Eden Prairie, MN 55344
612-943-1677

QMI

25 South St., Hopkinton, MA 01748
508-435-3666

Quadrature

3310 Monier Circle, Suite 8
Rancho Cordova, CA 95670
916-852-7791

Quanta (see The Speaker Factory)

Quantum Sound

305 Era Dr. Northbrook, IL 60062
708-509-5555

Quarz (see Silica Audio Group)

Quickline

518 Palo Alto Dr.
Vancouver, WA 98661
360-695-4144

Quicksilver

5635 Riggins Ct., #15
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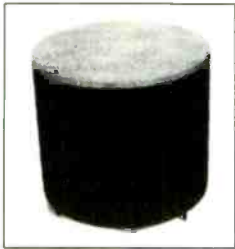
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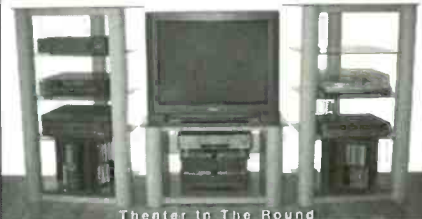
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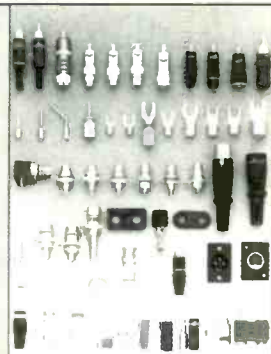
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5. If the merchandise is not shipped within the promised time or if no time was promised, 30 days of receipt of the order, you generally have the right to cancel the order and get a refund.
6. Merchandise substitution without your prior consent is not allowed.
7. If you have a problem with your order or the merchandise, write a letter to the seller.
8. If you are unable to obtain satisfaction from the seller, contact the consumer protection agency in the seller's state or your local Post Office.

If, after following the above guidelines, you experience a problem with a mail order advertiser that you are unable to resolve, please let us know. WRITE to Susan Ross, Special Marketing, 45th floor, Hachette Filipacchi Magazines, Inc., 1633 Broadway, New York, NY 10019. Be sure to include copies of all correspondence.

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G L O S S A R Y

AC-3: A multichannel low-bit-rate digital audio coding method developed by Dolby Laboratories, used in the company's 5.1-channel Dolby Surround AC-3 Digital system for laserdisc, DVD, and HDTV.

acoustic-suspension: A woofer-loading technique that uses the air trapped inside a sealed cabinet to provide the driver's restoring force. See also *infinite baffle*.

active crossover: An electronic component that divides the signal from a source component into frequency bands (low and high, for example) before the signal is amplified.

A/D (analog-to-digital) converter, or ADC: An electronic circuit that converts an analog electrical signal to a sequence of binary digital codes.

adjacent-channel selectivity (adj-ch sel): A measure of how well an FM tuner rejects signals from stations one channel up or down from the tuned frequency; higher figures are better.

AES/EBU interface: The professional standard for transmission of digital audio signals between equipment, as specified by the Audio Engineering Society (AES) and the European Broadcast Union (EBU).

alternate-channel selectivity (alt-ch sel): A measure of how well an FM tuner rejects signals from stations two channels away from the tuned frequency; higher figures are better.

AM (amplitude modulation): A technique in which the level, or amplitude, of a high-frequency

carrier signal is varied according to the level of a much lower-frequency signal, so that the envelope of the carrier follows the waveform of the modulating signal. Commonly used to impress an audio or video signal onto an RF carrier.

ambience: The acoustical character of a listening space, determined mainly by its size, shape, and reverberance. Some digital signal processors can synthesize ambience by generating artificial sound reflections.

ampere (A, amp): The primary measurement unit of electrical current.

amplifier: A separate component, or a section built into an integrated component, that strengthens the electrical signal (increases its amplitude). A power amplifier, which is designed to drive loudspeakers, must be connected to a preamplifier (or "control amplifier") to switch and process the sound. An integrated amplifier combines power amplifier and preamplifier in the same unit; a receiver adds a tuner to that configuration.

AM rejection (AM rej): A measure of a tuner's ability to ignore changes in an FM signal's amplitude caused by multipath and other types of interference; higher figures are better.

analog: A type of component or recording medium that operates with signals whose waveforms are directly analogous to the sounds they represent; see *digital*.

ATRAC (Adaptive Transform Acoustic Coding): The low-bit-rate digital coding system used in the MD format; using psychoacoustic model-

ing, it discards components of the audio signal that it thinks will be below the threshold of audibility or masked by other signal components while retaining portions it thinks will be audible.

autoreverse: A feature of some cassette decks that enables them to play or record both sides of a cassette without its having to be turned over.

AUX (auxiliary): An input on a receiver, integrated amplifier, or preamplifier that can be used to connect line-level source components.

azimuth: The angle between the magnetic gap of a tape head and the direction of tape travel. Although the azimuth angle is theoretically set at 90 degrees, it often varies slightly from one tape deck to another. Any difference between recording and playback azimuth will result in a loss of high-frequency response proportional to the error.

balance: A control found on most receivers, integrated amplifiers, and preamplifiers that changes the relative volume of the left and right channels.

balanced line: An interference-limiting audio transmission technique in which the audio cable's shield is not part of the signal circuit.

band: A particular segment of a frequency spectrum. For example, a graphic equalizer may divide the audio frequency spectrum into ten bands, with one control to adjust the relative volume of each individual band.

bandpass enclosure: A dual-chamber design for a woofer or subwoofer that creates sharp acoustical rolloffs above as well as below its op-

A B B R E V I A T I O N S

AC — alternating current
A/D — analog-to-digital
AFC — automatic frequency control
alt-ch — alternate channel
ch — channel
CIRC — cross interleave Reed-Solomon code
cont — continuous
D/A — digital-to-analog
DAC — digital-to-analog converter
DAT — digital audio tape
dB — decibel
dBf — decibels re 1 femtowatt
DC — direct current
DCC — Digital Compact Cassette
DSP — digital signal processing
EIA — Electronic Industries Association
EIAJ — Electronic Industries Association of Japan
EQ — equalizer, equalization
F — farad, Fahrenheit
FET — field-effect transistor
FL — fluorescent
FR — frequency response
g — gram
HDCD — High Definition Compatible Digital
HX — headroom extension
Hz — hertz
IC — integrated circuit
IEC — International Electrotechnical Commission
IEEE — Institute of Electrical & Electronic Engineers
IF — intermediate frequency
IHF — Institute of High Fidelity

IM — intermodulation distortion
imp — impedance
ips — inches per second
k — kilo (one thousand)
kHz — kilohertz
LCD — liquid-crystal display
LED — light-emitting diode
L/R — left/right
LSB — least-significant bit
LSI — large-scale integrated circuit
M — mega (one million)
Mb/sec — megabits per second
MC — moving coil
MD — MiniDisc
MDF — medium-density fiberboard
MM — moving magnet
MNOS — metallic nitrogen-oxide semiconductor
MOL — maximum output level
MOSFET — metal-oxide-semiconductor FET
MPX — multiplex
MSB — most-significant bit
m — meter (as in SPL/W/m)
m — milli (one thousandth, as in msec)
mH — millihenry
mm — millimeter
mN — millinewtons
ms — millisecond
mV — millivolt
mW — milliwatt
μ — micro (one millionth)
NAB — National Association of Broadcasters
Ni-Cd — nickel-cadmium
Ni-MH — nickel metal-hydride

NR — noise reduction
nWb — nanoweber
PCM — pulse-code modulation
PCOCC — pure-copper continuous cast
pF — picofarad
PLL — phase-locked loop
RDS — Radio Data System
RF — radio frequency
RIAA — Recording Industry Association of America
rms — root mean square
ROM — read-only memory
rpm — revolutions per minute
SCMS — Serial Copy Management System
sel — selectivity
sens — sensitivity
sep — separation
SMPTÉ — Society of Motion Picture and Television Engineers
S/N — signal-to-noise ratio
SPDIF — Sony/Philips Digital Interface
SPL — sound-pressure level
SPL/W/m — sound-pressure level with a 1-watt input measured at 1 meter
THD — total harmonic distortion
TIM — transient intermodulation (distortion)
V — volt
VA — volt-ampere
VU — volume unit
W — watt
W&F — wow-and-flutter
Wb — Weber
wrms — weighted root mean square
wtd — weighted

GLOSSARY

erating range, reducing distortion and minimizing or eliminating the need for a low-pass crossover filter.

bandpass filter: A circuit that combines a low-pass filter and a high-pass filter to remove signals above and below a certain frequency range, known as the passband of the filter.

bandwidth: The range of frequencies a component can reproduce.

bass-reflex: A type of loudspeaker enclosure in which the woofer's backwave is used to augment low-frequency output through a tuned port.

Bessel filter: A type of filter with excellent phase characteristics but a more shallow cutoff than most other types.

bias: In analog tape recording, an ultrasonic tone applied during recording to reduce distortion. In amplifiers, a small current applied to a tube or transistor to reduce crossover distortion.

bipole: A type of speaker that radiates sound equally and in phase from its front and rear.

bipolar transistor: The most commonly used type of semiconductor amplifying device.

bit: The basic unit of information in digital audio or video, corresponding to on or off, one or zero; literally, a binary digit.

BNC: A bayonet-type coaxial connector commonly used on laboratory instruments.

Butterworth filter: A type of filter known for its flat response above or below its cutoff frequency. Probably the most commonly used type of filter in audio applications.

capstan: A rotating shaft in a tape recorder that pulls the tape across the heads. The tape usually travels between the capstan and a pinch-roller. A dual-capstan machine has capstans at each end of the head block; see *closed loop*.

capture ratio: A measure of an FM tuner's ability to reject all but the strongest signal on a tuned frequency, expressed in decibels; lower figures are better.

cartridge (phono cartridge): A small component mounted on the end of the tonearm on a turntable; it holds the stylus, which vibrates in the record groove. The cartridge converts the vibrations into an electrical voltage, or audio signal.

cassette deck: An analog tape recorder that uses standard-size audio cassettes; also known as a tape deck. Audio signals are recorded onto, or played back from, the magnetic tape contained in the cassette; see *heads*.

CD (compact disc): A 4.8-in metalized plastic disc that stores up to 80 minutes of sound in 16-bit linear PCM digital format. The disc contains microscopic pits that are read by a laser pickup in a compact disc player. Each pit represents digitally encoded audio information.

CD changer: A player that typically provides access to between five and ten CD's, depending on its design. Discs are usually loaded into a magazine or onto a carousel-type platter.

CD+G (compact disc plus graphics): A CD that stores still color images, graphics, and text in addition to audio; a CD+G player or a graphics decoder/TV adaptor and a CD player with a sub-code output are required to play CD+G's.

CD-I (Compact Disc Interactive): An interactive CD-based format that stores video, graphics, text, and audio; the user has control over content and presentation. CD-I's can be played only on CD-I players, which can also play standard CD's.

CD (compact disc) player: A digital source component that plays compact discs.

center channel: A third channel used to complement the front left and right stereo channels in a multichannel audio/video or surround system; its primary purpose is to stabilize the front stereo image for off-center listeners.

channel: A distinct path for an audio signal; stereo signals typically comprise two channels, left and right.

channel separation: A measure of the amount of signal leakage between channels, expressed in dB; higher figures are better.

Class A: An amplifier design in which the output devices conduct current at all times — inefficient, but eliminates crossover distortion.

Class AB: A common amplifier configuration; designed to minimize crossover distortion at low signal levels while maintaining higher operating efficiency than a Class A design.

Class B: A more efficient type of amplifier than Class A or AB, in which no current flows through an output device when it is not carrying a signal, but prone to crossover distortion.

clipping: Distortion that occurs when an electronic device cannot accommodate the maximum level requirements of the input signal, shearing off ("clipping") waveform peaks.

closed-loop: A drive system used in tape decks in which the tape is pulled by dual capstans, one on either side of the heads, so that the part being played or recorded is held taut and fully isolated from the reel hubs.

coloration: A response anomaly that alters the perceived sound.

combi-player: A digital audio component that plays both CD's and laser videodiscs.

continuous average (cont avg) power: The maximum undistorted power an amplifier can produce on a sustained basis. This specification is meaningful only when accompanied by the load impedance into which the power is delivered, the frequency range over which the rated power can be delivered, and the maximum distortion at the rated power.

crossover (crossover or dividing network): A circuit or component comprising low-pass, high-pass, or bandpass filters that divide lower-frequency sounds from higher-frequency ones. A crossover is used in a speaker that has more than one driver. In a two-way speaker system, the crossover sends the low frequencies to the woofer and the high frequencies to the tweeter. See *active crossover* and *passive crossover*.

crossover (switching) distortion: A type of distortion that can occur in an amplifier when a signal is passed from one output device to another as it swings from positive to negative or negative to positive.

crossover frequency: In a crossover network, the frequency at which audio signals are divided so they can be routed to the appropriate drivers (low frequencies to a woofer and high frequen-

cies to a tweeter, for example); also called the crossover or cutoff point.

current: The flow of electrons through a conductor, expressed in amperes.

D/A (digital-to-analog) converter, or DAC: An electronic circuit that converts a binary code (or digital word) into an equivalent analog voltage.

damping: The application of mechanical resistance, such as a rubber or silicone material, to the cantilever pivot of a phono cartridge or the suspension of a loudspeaker diaphragm to reduce the amplitude of a resonance.

damping factor: The ratio of a loudspeaker's impedance to the output impedance of the amplifier driving it. In amplifier specifications, the speaker impedance usually is assumed to be 8 ohms.

DAT (digital audio tape): A digital recording/playback format based on the PCM coding process used for compact discs. DAT cassettes are about half the size of standard audio cassettes.

dB (decibel): A logarithmic unit expressing the ratio of two powers, currents, or voltages. An increase of 10 dB represents a tenfold increase in power (an increase of 20 dB represents a tenfold increase in voltage). Doubling power raises SPL by about 3 dB; see *SPL*.

dBf: One decibel referred to a standard power level of 1 femtowatt (one quadrillionth of a watt).

DCC (Digital Compact Cassette): A digital recording/playback format based on a low-bit-rate recording process called Precision Adaptive Subband Coding (PASC); a DCC tape, roughly the same size as an analog cassette, can store up to 90 minutes of music; DCC machines can play, but not record on, analog cassettes.

de-emphasis: A form of equalization used in FM tuners that is complementary to a pre-emphasis used in transmission. The purpose is to improve the overall S/N (signal-to-noise ratio) while maintaining uniform frequency response. Some CD's also are recorded with a high-frequency pre-emphasis; these discs automatically engage de-emphasis circuits in the player.

defeat: To bypass a signal-processing or other feature, removing it entirely from the circuit.

defect tracking: A measure of how well a CD player's laser pickup handles flaws on a disc.

demagnetizer: A device that removes accumulated magnetism from a tape deck's heads and other metal parts in the tape path to prevent degradation of recordings.

digital: A digit is a number, and digital components use numbers in some way. A digital tuner, for example, may use numbers only on its front-panel display, or it may use digital frequency-synthesis tuning circuits. A CD carries a pattern representing a series of binary numbers (strings of ones and zeros); a CD player converts these numbers into a continuously changing voltage that represents music.

digital filter: A circuit that alters a waveform by arithmetic manipulation of its digital representation.

digital output: A coaxial or fiber-optic output found on some CD players and most digital recorders that is used to pass digital signals to an outboard D/A converter, digital recorder, or other component that has a digital input.

dipole: A type of speaker that radiates sound equally from its front and rear but with opposite polarities; see *bipole*.

dipole antenna: A type of antenna that receives radio broadcasts from two directions. A T-shaped, folded dipole antenna is often supplied with tuners and receivers.

dispersion: Characterizes a speaker's radiation pattern, particularly at high frequencies; expressed in degrees or in terms of frequency response at various angles off the forward radiating axis relative to the on-axis response.

distortion: Broadly speaking, any unwanted alteration of a signal; usually, however, it refers to nonlinear distortion that adds unwanted signals to the output. See also *harmonic distortion*, *THD*, *noise*, and *IM*.

Dolby B, Dolby C, and Dolby S: Noise-reduction (NR) systems designed and licensed by Dolby Laboratories for use in consumer tape recorders. They are encode/decode systems that work by boosting high frequencies during recording and attenuating them by the same amount during playback. Dolby S is the most effective (and most expensive), followed by Dolby C and then Dolby B, which is the most common.

Dolby HX Pro: A headroom-extension (HX) circuit for cassette recorders that lowers the amount of bias added during recording when the signal being recorded contains a lot of high-frequency energy, enabling high frequencies to be recorded at higher levels with less distortion.

Dolby Pro Logic: An enhancement to Dolby Surround decoding that improves channel separation by means of steering-logic circuitry and extracts the center channel as well as the surround and front left and right channels.

Dolby Surround: The consumer-market name for the Dolby Stereo system used for movie soundtracks. Dolby Surround encoding matrixes four channels — left, center, right, and surround — into two stereo channels that can be broadcast or carried on a CD, videodisc, or hi-fi videocassette. Basic Dolby Surround decoding extracts the surround channel to feed a pair of speakers at the sides or back of the room; such decoders have now largely been superseded by Dolby Pro Logic decoders. See *Dolby Pro Logic*.

double cassette deck: A cassette deck with two tape transports.

driver: Any individual speaker within a system, such as a woofer or tweeter.

DSP (digital signal processing): A general label for manipulation of audio signals in the digital domain. DSP can be used for a wide variety of tasks, including ambience enhancement, equalization, time-alignment, and filtering.

dubbing: The process of copying a recording.

dynamic headroom: The amount by which an amplifier can exceed its rated continuous power in short bursts, expressed in decibels (dB).

dynamic range: The difference, in decibels (dB), between the highest and lowest levels in a sound or recording or between the overload level and the noise floor of a component or recording medium; higher figures are better.

dynamics: A subjective term used to describe the ability of a component to render loud and soft musical passages accurately.

early reflections: Sounds in any listening space that reach the ear shortly after direct sounds; see *late reflections* and *reverberation*.

efficiency: The percentage of the electrical input power going to a speaker that is converted into acoustic energy; often used synonymously with the related, but not identical, concept of sensitivity. See also *sensitivity*.

electronic crossover: See *active crossover*.

electrostatic: Speakers and headphones that produce sound by moving a thin, electrically charged diaphragm suspended in a high-voltage electrical field.

EQ (equalization): Deliberate alteration of frequency response. Phono signals require a specific type of playback equalization because of the equalization built into the process of cutting a phonograph record. See *equalizer*.

equalizer: A component, or part of a component, that divides the audio signal into frequency bands with separately adjustable output levels. The most common type is the graphic equalizer.

error correction: Mathematical reconstruction of lost or corrupted digital data based on redundant coding in the recording or transmission. Error-corrected data is identical to the original data.

expander: A device that increases the dynamic range of incoming signals. An expander may be used to counteract the compression of dynamic range that sometimes occurs when recordings are made or when a signal is broadcast. See also *dynamic range*.

feedback: In electronics, the return of a small portion of the output signal to the input in reversed polarity, to reduce distortion, reduce gain, or alter frequency response.

ferrofluid: The term for a ferromagnetic liquid used in some speaker drivers, especially tweeters, to conduct heat away from the voice coil and improve damping and power handling.

FET (field-effect transistor): A type of semiconductor amplifying device that behaves more like a triode vacuum tube than like a conventional bipolar transistor. In general, it is easier to get low distortion in FET-based circuits, but FETs are typically more expensive than bipolars and tend to have lower current capacity.

fiber optics: A transmission medium in which signals are carried through a special glass- or plastic-fiber cable in the form of light; the primary benefit is immunity to electrical noise.

50-dB quieting sensitivity: A tuner specification that indicates the RF signal strength required for an incoming FM signal to produce a background noise level 50 dB below the audio output at full modulation; lower figures are better (sensitivity is always worse in stereo than in mono).

filter: A circuit that boosts, attenuates, or removes selected frequencies from audio signals.

flat: Applied to frequency response, a condition in which a given input level produces an output level that is constant with frequency. Also, a setting (as of an equalizer or tone control) that results in no alteration of frequency response.

flutter: Rapid, usually small, pitch fluctuations caused by speed irregularities in a turntable or tape deck; expressed as a percentage of variation from the correct speed. See also *W&F*.

FM (frequency modulation): A technique in which the frequency of a high-frequency carrier is varied according to the level of a much lower-frequency signal. Commonly used to impress an audio signal onto a radio-frequency (RF) carrier.

frequency: Rate of vibration or oscillation. Sounds are vibrations and can be represented by electrical signals that change at different rates; a low-pitched sound is represented by a slowly changing voltage, a high-pitched sound by a rapidly changing voltage. Frequency is measured in cycles per second, or hertz (Hz). The audio spectrum is generally taken to be 20 to 20,000 Hz (20 Hz to 20 kHz), which encompasses all the frequencies that humans can hear. In radio, frequency refers to the carrier signal of the station, such as 88.1 MHz for an FM station or 770 kHz for an AM station.

front end: The first stage of a tuner, responsible for tuning and amplifying the desired radio or television signal.

gain: Amount by which an amplifier or antenna increases the strength of incoming signals, usually expressed in decibels (dB).

graphic equalizer: An equalizer with fixed bands; see *equalization*.

ground: The theoretical zero-voltage reference; used to describe a negative (–) electrical connection.

harmonic distortion: Spurious output signals at multiples of the input-signal frequency. See *distortion* and *THD*.

headroom: The difference between the highest level present in the input signal and the maximum level an audio device can handle without distortion; expressed in decibels (dB).

heads: The parts of a tape deck that impose a magnetic pattern on a tape (for recording) or detect one that is already there (for playback). Most tape decks have a separate head for erasing tapes by randomizing the magnetic pattern.

high-pass filter: A circuit, as in a loudspeaker crossover network, that progressively attenuates signals below its cutoff frequency, passing those above unaltered; see *filter* and *low-pass filter*.

home theater system: A collection of audio and video components designed and configured to reproduce closely the picture and sound that would be experienced from a movie in a good theater. A home theater is generally expected to include a TV screen of reasonable size and a surround-sound audio system. See also *Dolby Surround*, *Dolby Pro Logic*, and *AC-3*.

HX Pro: See *Dolby HX Pro*.

Hz (hertz): The standard unit of frequency. Measurements in hertz represent cycles per second, or changes away from a basic state and back again. In audio, the basic state is defined either as ordinary air pressure (without sound) or its electrical equivalent (a constant-level DC signal). The higher the Hz figure, the higher the sound's pitch.

IC (integrated circuit): A miniature one-piece electronic device containing many transistors and other electronic components; it is the basic building block of most modern electronics.

IF (intermediate frequency): In a tuner, the frequency to which the front end converts any tuned carrier for demodulation — 10.7 MHz for FM, 455 kHz for AM.

IF rejection: A measurement of a tuner's ability to reject external interference at the intermediate frequency; higher figures are better.

image rejection: A measure of a tuner's ability to reject the sum or difference frequency of its own intermediate and oscillator frequencies; poor suppression results in reception at false frequencies. Higher figures are better.

imaging: The ability of a stereo system to place sounds in a spatially realistic manner.

IM (intermodulation) distortion: A type of distortion whose components are at frequencies that are sums and differences of the input frequencies; lower figures are better.

impedance (imp): The total resistance of a component or circuit to the flow of alternating current, expressed in ohms. In addition to pure resistance, it may include reactive (capacitive or inductive) elements that cause its value to vary with frequency; the lower the number, the less impedance. See *reactance* and *resistance*.

infinite baffle: A speaker enclosure that is sealed to isolate the front radiation of a loudspeaker from the back radiation of its drivers. An acoustic-suspension speaker is a special type of infinite-baffle design; see *acoustic suspension*.

infrasonic filter: A type of high-pass filter used to attenuate inaudible frequencies below about 20 Hz; often called a "subsonic" filter.

integrated amplifier: A component that performs the functions of both a preamplifier and a power amplifier.

jack: A female connector that serves as a receptacle for a male connector; see *RCA connector*.

Kapton: A plastic material widely used in the manufacture of speaker voice-coil formers.

kHz (kilohertz): 1,000 Hz.

laser: A device that generates a coherent, monochromatic beam of light. This word originated as an acronym for "light amplification by stimulated emission of radiation."

laserdisc: A laser-read videodisc. Laserdisc players usually play CD's as well.

late reflections: Echoes in an enclosed space that reach the ear after multiple reflections and, consequently, have a relatively long delay time; see *early reflections* and *reverberation*.

LCD (liquid-crystal display): A type of electronic readout used on the faceplates of some components and remote controls.

LED (light-emitting diode): A small light used as an indicator on many components.

limiter: A circuit that prevents a signal from exceeding a certain amplitude.

linearity: Describes the accuracy with which a component's output signal tracks the input signal; a device whose output varies in direct proportion to the input is said to be linear.

line-level: Refers to audio signal voltages in the range delivered from the outputs of most audio source components (such as CD players) and preamplifiers; also known as low-level or pre-amp-level. See *speaker level*.

logic: In cassette decks, the ability to switch from

one transport function, such as fast-forward, to another, such as rewind, without pressing the stop button; doing this in decks without logic controls can damage the tape. In a surround-sound system, logic circuits are used to improve separation between multiple channels derived from matrix-encoded stereo signals.

loudness compensation: A form of equalization that progressively emphasizes low frequencies (and sometimes high frequencies) as volume is reduced. Loudness-compensation circuits are designed to offset the ear's loss of low-frequency sensitivity as the sound level decreases and can be switchable (on/off), adjustable, or automatic.

low-pass filter: A circuit, as in a loudspeaker crossover network, that progressively attenuates signals above its cutoff frequency, passing those below unaltered; see *filter* and *high-pass filter*.

mA (milliampere): One thousandth of an ampere.

magazine: The removable module in a CD changer into which five, six, or ten discs are loaded; often called a "cartridge."

magnetic cartridge: A phono pickup that generates its electrical output by means of electromagnetic induction. Almost all high-fidelity phono cartridges are some variation of this type.

matrix: A type of circuit commonly used in surround-sound encoders to squeeze three or more channels of information into two or by a surround decoder to extract multiple channels from an encoded stereo signal. Also used to describe a similar type of circuit that can synthesize a rear channel for ambience even if the original recording consists of only left and right stereo channels.

MD (MiniDisc): An optical recording/playback format based on a low-bit-rate coding process called Adaptive Transform Acoustic Coding (ATRAC); up to 74 minutes of audio information is stored on and retrieved from a 2½-inch optical disc housed in a computer-disk-like caddy. MD is not compatible in any way with the CD format.

MHz (megahertz): 1,000,000 Hz, or 1,000 kHz.

microphone: An electroacoustic pickup device that converts acoustical energy — such as live music or voice — into an electrical signal that is essentially equivalent in shape and amplitude to the acoustical input.

midbass: The segment of the audio frequency spectrum covering sounds produced in the upper-bass and lower-midrange region.

midrange: The segment of the audio frequency spectrum between the bass and treble, which includes most of the fundamental tones of the voice and most musical instruments. Musically, it includes frequencies from approximately 150 or 200 Hz to somewhere between 500 Hz and 1 kHz. In audio, the midrange is often taken to include frequencies up to several kilohertz.

midrange driver: A loudspeaker driver designed to handle frequencies from a few hundred Hertz to a few kilohertz.

mono (monaural or monophonic): An audio signal in which all the information is in one channel. In a component, it indicates that only one channel is handled, as in a mono power amplifier.

MOSFET (metal-oxide-semiconductor field-effect transistor): A type of field-effect transistor sometimes used in audio equipment; see *FET* and *transistor*.

moving-coil (MC) cartridge: A magnetic phono cartridge, typically of very low output, in which the magnet is fixed and the coils are attached to the stylus cantilever.

moving-magnet (MM) cartridge: A magnetic phono cartridge in which the coils are fixed and the magnet is attached to the stylus cantilever.

MPX (multiplex): Transmission of two or more channels on a single carrier so that they can be independently recovered by the receiver. Usually, as in television and stereo FM, this is achieved by means of subcarriers — signals on the main carrier that are modulated by other signals. Some tape decks have an MPX filter that removes the 19-kHz pilot tone from stereo FM broadcasts.

MTS (multichannel television sound): The encode/decode system devised by Zenith and dbx for stereo television broadcasting in the United States. An MTS decoder, which may be built into an audio or video component, decodes stereo broadcasts; see *SAP*.

muddy: A subjective term describing sound, usually in the bass region, that isn't clear.

multipath: A condition that occurs when a broadcast radio or TV signal reaches the receiving antenna over two or more paths of differing lengths. The result is interference that causes distortion on FM radio and "ghosts" on TV.

multiroom system: A system that directs music or video programs from one or more sources to secondary listening spaces, or zones.

µs (microsecond): One millionth of a second.

µV (microvolt): One millionth of a volt.

mV (millivolt): One thousandth of a volt.

negative feedback: See *feedback*.

noise: Any unwanted signals that are not strongly correlated with the desired signal. Hiss and hum are typical examples of noise.

NR (noise reduction): A system designed to reduce the noise added to an audio signal during recording or transmission. See *Dolby B*, *Dolby C*, and *Dolby S*.

ohm (Ω): The basic unit of electrical resistance; see *resistance* and *impedance*.

omnidirectional: Equally sensitive or effective in all directions. Might be said of an antenna, a microphone, or a loudspeaker.

1-bit D/A converter: A converter that translates the 16-bit PCM (pulse-code modulation) signal from a CD into an analog waveform using a digital delta-modulator followed by a PDM (pulse-density modulation) or PWM (pulse-width modulation) output converter.

optical (fiber-optic) output/input: A special type of jack that accepts fiber-optic cable.

output level: A measure of how strong the output signal of a component is, usually in relation to the strength of the input signal.

output transformer: A transformer used to couple the output stage of a power amplifier to a loudspeaker. Output transformers are usually essential in tube amps but are almost never employed in transistor amplifiers.

oversampling: In digital-to-analog conversion, a

technique whereby multiple "samples" are mathematically generated from each real sample. That permits the use of digital filters to augment a simple, shallow analog output filter, instead of the complex and very steep analog output filter that would otherwise be required.

PASC (Precision Adaptive Subband Coding): The low-bit-rate digital coding process used in the DCC format; the system separates the audio signal into thirty-two frequency bands and encodes each band with a number of bits that varies according to frequency content and the degree of masking taking place within each band.

passband: The range, or band, of frequencies that a filter allows through; see *crossover*.

passive crossover: A network comprising some combination of capacitors, inductors (coils), and resistors that divides the audio signal into frequency bands (low, high, and possibly mid) after it is amplified; see *active crossover*.

passive radiator: In a loudspeaker system, an undriven cone ("drone cone") that substitutes for the mass of the air in the port of a bass-reflex loudspeaker. A passive radiator allows greater flexibility in the tuning of the enclosure.

PCM (pulse-code modulation): Representation of a digital bit stream by a sequence of electrical pulses. PCM is the most common digital encoding scheme and is the one used on CD's.

PDM (pulse-density modulation): A signal-generation method, used in the outputs of some 1-bit D/A converters. Signal information is represented by a series of pulses that have an identical amplitude and duration but are either positive or negative; the output must be low-pass filtered to recover an analog waveform.

peak indicator: Usually a flashing LED on a tape recorder that indicates when transient signal levels have exceeded the recorder's ability to handle them without distortion; a supplement to recording-level meters.

peak-reading meter: A recording-level meter that rises rapidly and declines at a moderate speed so the user can judge the levels of transient peaks.

phase: An expression of periodicity versus time for a periodic waveform (such as a sine wave), often used to describe the time-domain characteristics of a signal.

phono: Abbreviation for "phonograph"; refers to the low-level signals produced by a phono cartridge and to the phono input where a turntable is connected to a preamplifier, integrated amplifier, or receiver. Phono inputs use RCA connectors, sometimes called phono jacks.

piezoelectric speaker: A speaker (usually a tweeter) that employs a ceramic element that expands or bends when fed a signal voltage, generating sound.

pink noise: A type of random noise that has a constant amount of energy in each octave; used as a test signal.

PLL (phase-locked loop): A type of circuit used in tuners to lock the received frequency to a synthesized reference frequency, which is usually generated by a quartz oscillator.

polarity: An electrical convention that describes one side of a circuit connection as positive and the other as negative. Reversing, or inverting, the

polarity of an audio connection is equivalent to a signal phase change of 180 degrees, or one-half cycle; see *reverse polarity*.

port: An opening in the cabinet of a bass-reflex speaker system that enables the sound wave from the back of a woofer to reinforce the sound wave from the front; also called a vent.

power amplifier: A component, or part of a component, that strengthens the audio signal from a preamplifier so that it can drive speakers.

preamplifier: A component, or part of a component, that switches and processes audio signals from source components. Typically, preamplifiers amplify only the low-level signals from phono cartridges, raising them to the same level as signals from other source components (called "line level") and applying the necessary RIAA EQ.

pre-emphasis: Boosting of a range of frequencies, usually with the expectation that reciprocal equalization (de-emphasis) will be applied later to restore flat response. The usual purpose of pre-emphasis and de-emphasis is noise reduction. See *de-emphasis*.

preset: A memory position on a component that is either preprogrammed or can be programmed by the user. Tuner presets enable the frequencies of radio stations to be stored for instant recall, for example.

programming: The process of entering instructions for a component to carry out at a later time. For instance, many CD players can be programmed to play selected tracks in any order.

PWM (pulse-width modulation): A signal-generation method, used in the outputs of some 1-bit D/A converters, in which all of the signal pulses are of the same amplitude but of varying durations, or widths; the output must be low-pass filtered to recover the analog waveform.

Q: In an equalizer, Q is a number that specifies the width of the frequency band relative to its level; the higher the number the narrower the band, or range of affected frequencies. In speakers, Q usually refers to the sharpness of the low-frequency resonance and is inversely proportional to damping.

quantization: In digital audio, the representation of a continuous analog signal by a sequence of discrete numbers. In PCM, the dynamic range of the system is determined by the number of possible values available to represent various levels of signal amplitude, which is in turn determined by the number of bits used to represent each sample. In the CD format, the resolution of the quantization is 16 bits, which means that each sample can have any value between zero and 65,535.

quartz synthesis: See *PLL*.

random access: The ability to go directly to the beginning of a song, track, or program without having to scan the intervening material; the process is usually initiated using numbered buttons on a component's front panel or remote control.

RCA connector: The most common kind of connector, using a small, one-pin plug. RCA cables usually come in pairs, with the right channel marked in red, the left in black, gray, or white.

RDS (Radio Data System): A system for transmitting text information along with the audio in a radio broadcast, for display on an RDS-equipped tuner or receiver.

reactance: The portion of the electrical impedance in an AC circuit that is not due to resistance. Capacitive reactance causes impedance to rise as the signal frequency decreases, whereas inductive reactance causes impedance to rise as the signal frequency increases. See *impedance*.

receiver: An audio component that performs three basic functions: receiving radio broadcasts, switching and processing audio signals, and amplifying the selected signal to drive speakers.

recording-level meter: An indicator on a tape deck that displays the signal levels being recorded from moment to moment; recording-level meters are used to set proper recording levels.

resistance: An electrical impedance that is the same for all frequencies; it is the only type of impedance for DC circuits. See *impedance*.

reverberation: A dense pattern of reflected sound that results when sound is created in an enclosed space. The more reflective the walls and surfaces of the listening space, the greater the reverb. The perceived effect of reverberation depends on the size of the room and how long it persists; it influences both the clarity (or intelligibility) of the sound and the feeling of spaciousness or ambience. See *ambience*.

reverse polarity: An electrical condition in which the positive and negative wires running to one speaker in a stereo pair are reversed relative to the other; this causes the sound wave emanating from the speakers to be out of phase with one another, which weakens bass output by cancellation and impairs stereo imaging.

RF (radio frequency): The high-frequency electromagnetic signals used to broadcast radio and TV programs.

RIAA: The Recording Industry Association of America, which has set standards for the equalization used on phonograph records. To minimize noise and prevent overcutting, every record has reduced bass and boosted treble, and these characteristics must be compensated during playback by the phono preamplifier.

ribbon speaker: A form of speaker driver using a light, conductive ribbon suspended in a magnetic field that vibrates when a signal current is passed through it to produce sound.

rms (root mean square): A common method of averaging power measurement.

rolloff: A gradual reduction in the level of a signal above or below a certain frequency.

rumble: Low-frequency noise caused by imperfections in the drive mechanism of a turntable.

sampling frequency (or rate): In digital audio, the number of times a signal is sampled each second. The standard sampling rate for the CD format is 44.1 kHz, which means each second of sound is encoded by 44,100 16-bit numbers for each channel. The sampling rate must be at least twice the highest frequency to be recorded.

SAP (separate audio program): A separate mono channel that is broadcast along with the two stereo channels in the MTS system for stereo TV. The SAP channel can be used for various purposes, such as providing an alternative soundtrack in a different language.

saturation: A condition that occurs when an audio tape becomes fully magnetized and an increase in signal input level does not produce a

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corresponding increase in recorded level. Saturation also can occur in the magnetic structure of the tape heads.

scan: A tuner feature used to audition radio stations. On CD players, scan buttons can be used to move through a track.

SCMS (Serial Copy Management System): A system incorporated in all consumer digital recorders to limit digital-to-digital copying of copyrighted material to a single generation. Any number of first-generation digital copies can be made from an original, but the resulting copies cannot themselves be copied via a direct digital link.

search: On CD components, search buttons (identified by arrow symbols) are used to move quickly from track to track. On some tape decks, fast-forward and rewind buttons can be used to automatically fast-forward or rewind to the next or previous track; also known as "music" or "program" search.

sensitivity: A speaker measurement that tells how much sound (in dB) is produced at a specified distance (usually 1 meter) from the speaker when it is fed a specified input signal (usually 2.83 volts, which will produce 1 watt into 8 ohms). A speaker that is 3 dB more sensitive than another will require only half the amplifier power to deliver the same sound output.

servo: Short for servomechanism, a control system that uses an output signal as feedback, comparing it to a reference signal; the difference between the two is used to correct the output.

signal: An electrical current that is modulated to represent audio or video information.

signal processor: A component that in some way manipulates line-level audio signals; equalizers and surround processors are the most common varieties.

slew rate: The rate at which a signal changes amplitude, or the maximum rate at which an amplifier can change the amplitude of its output; usually expressed in volts per microsecond.

slope: The rate at which a filter or crossover attenuates out-of-band frequencies. Expressed in "dB per octave," typical slopes are 6, 12, 18, and 24 dB per octave, which are also referred to as first- through fourth-order filters, respectively; the higher the number, the faster attenuation occurs.

S/N (signal-to-noise ratio): Measured in decibels (dB), the difference in level between a signal (usually a standard level) and the residual noise of the component through which it is passed; higher figures are better.

solid-state: Electronic circuits whose active elements are transistors and integrated circuits.

sound field: A listening environment; see also *ambience*.

source: The signal that is played through a stereo system. Turntables, tuners, tape decks, and CD players are source components.

SPDIF (Sony/Philips Digital Interface): The standard format for exchanging digital audio signals between consumer audio components. Connections can be coaxial or optical.

speaker (or loudspeaker): A component—typically conical in shape—that accepts audio sig-

nals from a receiver or amplifier and converts them into sound waves; also called a driver. The term is also used to describe complete speaker systems with multiple drivers.

speaker level: Refers to audio signals that have been sufficiently amplified to drive a loudspeaker; see *line-level*.

specification (spec): A manufacturer's numerical rating of a performance characteristic, such as frequency response or distortion.

SPL (sound-pressure level): A measure of acoustic energy, usually encountered in speaker sensitivity ratings; expressed in dB.

ST (AT&T ST): A type of fiber-optic connector sometimes used for digital inputs or outputs.

standing wave: Peaks and dips in frequency response that are caused by room resonances.

stereo: The use of at least two channels — left and right; see *imaging*.

stylus: The needle-shaped material, usually diamond, at the end of the cantilever of a phono cartridge; its vibration as it traces the record grooves is translated by the cartridge into an electrical audio signal.

subsonic filter: See *infrasonic filter*.

subwoofer: A separate speaker designed to reproduce only low-bass frequencies. Powered subwoofer systems contain an amplifier and electronic crossover.

supertweeter: A tweeter used to reproduce only extremely high frequencies; usually found in four- and five-way speaker systems.

surround sound: See *Dolby Surround*, *Dolby Pro Logic*, and *THX*.

tape monitor: A switch on a tape recorder or preamplifier that enables the user to listen to a tape as it is being recorded to insure proper recording levels; on a preamplifier, it may also be used to connect external signal processors.

THD (total harmonic distortion): The percentage of an audio output signal that consists of spurious harmonics, or multiples of the input frequencies. These harmonics are introduced by an amplifier or other component through which the signal passes; lower figures are better.

THD+N (total harmonic distortion plus noise): The sum of all distortion and noise, expressed as a percentage of the output signal; lower numbers are better.

THX: A certification for theater systems and components that adhere to sound-system standards and specifications developed by Lucasfilm. THX-certified systems are designed to reproduce Dolby Surround and Dolby Surround AC-3 movie soundtracks with very high accuracy.

TIM (transient intermodulation distortion): A type of slewing-induced distortion that can occur in a feedback amplifier when the slew rate of a signal approaches or exceeds the amplifier's maximum slew rate. See *slew rate*.

Toslink: The most common type of fiber-optic connector for digital audio inputs and outputs.

tracking: The ability of a CD player or phono cartridge to follow the pattern recorded on a CD or record.

transient: A sharp peak in the audio signal caused by the attack of musical instruments, especially percussion instruments.

transistor: The basic amplifying element used in most audio components; see *solid state*, *bipolar transistor*, *FET*, and *MOSFET*.

transport: The parts of a tape deck that move the tape, including the motor(s), reel hubs, capstan(s), and other mechanisms. In a CD player or turntable, the transport system rotates the CD or record.

treble: The upper part of the audio spectrum; see *bass* and *midrange*.

tuner: A component, or part of a component, that receives radio signals from an antenna, allows the user to select a station, and demodulates an audio signal from the broadcast RF signal.

tweeter: A speaker driver designed to reproduce high frequencies.

two-way, three-way: Refers to the number of frequency bands a speaker system's output is divided into. A two-way system has a woofer and a tweeter; a three-way system adds a midrange driver to that configuration.

usable sensitivity: A tuner spec that indicates the minimum level of an incoming mono signal that's required to produce a satisfactory output signal, one with no more than 3 percent combined noise and distortion; lower figures are better. Much less useful than the more stringent 50-dB quieting sensitivity specification.

vent: See *port*.

volt (V): The measurement unit of voltage.

voltage: The amount of work required to move electrical current from one point to another; measured in volts.

watt (W): The primary unit of electrical power, equal to voltage times current.

waveform: A graphical representation of an audio signal. The curve that results when the instantaneous voltage (vertical axis) is plotted across time (horizontal axis); the positive-going portion of a waveform moves upward and the negative-going portion downward.

W/ch (watts per channel): A specification that indicates how much power a stereo amplifier or receiver will deliver to each of a pair of speakers.

W&F (wow-and-flutter): A specification indicating the amount of speed variation of mechanical components such as turntables and tape decks; lower figures are better.

woofer: A speaker driver designed to reproduce low frequencies.

wow: A measurement of slow speed variations; see *W&F*.

XLR: A three-conductor balanced-line connector used on professional and some consumer electronics components.

zero-cross distortion: A low-level glitch that occurs in some multibit D/A converters when the signal crosses the zero axis between positive and negative outputs.

zone: In the context of a multiroom system, a listening area.

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