

VALVE

**special issue:
guide to the**

*Vacuum State of the Art
Conference '97*

Exhibitor listing

Seminar schedule

The Sakuma Concert:

**Remembrance of Sounds
Past**

Craftsmanship competition

Vintage audio display

Registration information

VALVE

the monthly magazine
of eXtreme audio

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VALVE in no way assumes responsibility for anyone harming themselves through exposure to the contents of this magazine.

We believe electrons flow from minus to plus, and that they can kill you along the way if you're not careful. Vacuum tube audio equipment operates at potentially lethal voltages. Always treat it with respect.

Many ideas published in this magazine are untried, and involve the use of potentially dangerous parts and tools. In attempting any idea or project published herein, you assume total responsibility for your actions and any harm caused to yourself or others.

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editor's thing

Yo, bottleheads.

As VSAC day approaches, the excitement level around Tonalties reaches a fever pitch-

"I have to pay HOW MUCH for insurance?"

"Did Sakuma san's, amps make it through customs?"

"Will the UPS strike be over in time for exhibitors to ship their products?"

"I have to pay HOW MUCH for shipment of Sun Audio's amps?"

"Did you order the parts for the amp designer's class?"

"Remember to tell exhibitors to bring an extension cord. They have to get power from the bathroom."

"Yes, I'll try to get single plate 2A3s for the tube tasting."

"I have to pay HOW MUCH for the ballroom?"

Let me just say this, for a first effort, this show is going to be so complete, so diverse, and so much fun that folks who miss it will suffer for weeks after. Just flip through this special show guide issue of VALVE and see how much cool stuff will happen in just two brief days. Some particulars

- If you are deciding to spend the weekend at the show at the last minute, pick up the phone, dial 360-698-1000, and make a room reservation NOW. The hotel is very nearly full at this writing.
- Badges will be \$20 for the weekend if ordered in advance, which will get you a badge with your name on it. Badges will be \$25 at the show, and one day badges will be available at \$12 for Saturday and \$16 for Sunday, which includes admission to the Sakuma concert, if not sold out by then.
- We may have a few tables left in a room dedicated to used vinyl and vintage audio sales. The cost is \$50 for the weekend. Please call me right away if you are interested in taking a table. No junk, please!
- The show hours are 9-6 each day. The Sakuma concert on Sunday evening will begin with a brief presentation by Paul Joppa and myself at 6, with the concert starting at 7
- We need many more volunteers than those fine folks who have already offered their assistance. If everyone can volunteer to work one of the public

rooms, we should be able to keep shifts down to a couple of hours, so you don't miss many cool activities. Some of the setup we need to do must be done on a tight schedule, so before and after hours help would be greatly appreciated. Please help out with this, or I'll have to triple ticket prices next year to pay for help.

- When you get to the hotel, check in at the VSAC registration desk to get your badge. At this time you should also sign up for any seminars you wish to attend, register your homebrew project for the craftsmanship competition, and get on the list for the Sakuma concert, which is limited to 150 seats. If you miss out on this list, don't despair, as Sakuma san will be giving demonstrations in room 364 throughout the show, until 3 p.m. Sunday.

Also, don't forget to bring money! I hear rumors of some killer deals to be offered by our esteemed exhibitors.

Among these is a generous offer by Sun Audio to allow me to sell the SE 2A3, SE EL34, and SE 6V6 amps they will be demonstrating at the show, to cover the cost of bringing this exotic equipment to the US for all of us 'merican bottleheads to hear. Call me if you are interested in a great opportunity to purchase some beautiful products at a great price.

Among those in attendance will be Dr. Bruce Edgar, Mike Lefevre, Bascom King, Dick Olsner, Lynn Olson, John Tucker, Jennifer Crock, Peter Breuninger, George Wright, Reid Welch, and John Camille. We suspect we'll get a few more surprise visitors at the show too.

I'm sure there are 100 other things I have missed mentioning here. Check through this guide to find maps, event schedules, a list of exhibitors, etc.

See ya' at da' show!

Doc B.

Special thanks to VALVE members Paul Joppa, John Tucker, Tony Glynn, and Tom Vetromile, and also to Darcy Kaufmann of the Silverdale Resort Hotel, for helping to make this event happen.

did you just tune in? here's what's happened so far...

Back Issues

Volume 1 - 1994 issues - \$20

a Williamson amp; Dyna Stereo 70 mod bake-off; converting the Stereo 70 to 6GH8's; a QUAD system; triode input Dyna MkIII; MkIII vertical testing; smoothing impedance curves; Altec A7; Ampexes Nagras and ribbon mikes; Triophoni, a 6CK4 amp; audio at the 1939 World's Fair; books for collectors and builders; V.T. vs. R.M.A. cross reference; FM tuner tube substitutions; Big Mac attack - the MI200; 6L6 shootout; a vintage "audessey"; more FM tuner mods; vintage radio mods; Heathkit rectifiers; PAS heater mod.

Volume 2 - 1995 issues - \$20

Rectifier shootout, tube vs. solid; FM 1000 recap and meters; single ended 10 amp; triode output W-4; Optimus 990 - speaker for SE?; star grounds; tuner shootout; Living Stereo, vinyl or CD?; World Audio SE integrated; firin' up - smoke checking; Brook 12A schematic; 6C33 vs. 3C33; Heathkit power transformers; 6B4's + Magnequest = SEcstasy; W5 mods; triode operating points; Dyna restorations; Marantz 7,8 and Scott LK150 impressions; hackable vintage gear; Quasimodo - PP 805 amp; restoring a Scott 340 in 75 minutes; a dream system for 78's; cartridges and styli for 78's; Restoring a Lowther, Part 1&2; easy tube CD output hack; 6ER5 phono preamp; 304TL & 450TH SE operating points; hypothetical DC ESL amps.

Volume 3 - 1996 (\$25):

Single Watt, Single Tube, Single Ended, an amp for Lowthers; the Vintage Speaker Shootout of 1996, QUAD vs. Lowther, vs. A7; the Voigt Loudspeaker, the Single Ended experimenter's kit; cathode coupled SE 6AS7 amp; how to build the Superwhamodyne; re-foaming AR woofers; mesh plate tubes; re-building QUADS; QUAD amp filter surgery; single gain stage amps; the Brooklet, and Brookson, choke loaded PP 6080 amps; transformer coupled PP 6DN7 amp; the Iron Maiden; Building the Lowther Club Medalion; the TQWT, a tapered pipe enclosure; IT 300B amp.

VSAC seminar series

The heart of the conference aspect of VSAC will be a series of seminars, hosted by VALVE's technical editor and resident smart guy, Paul Joppa. A practicing acoustical engineer and active AES member, Paul is a valiant defender of the right to have fun in audio. The schedule will be organized to allow everyone to spend part of their time at seminars and part of their time visiting exhibitor's rooms. Sign ups for seminars will be done at check in. Each seminar is limited to 50 participants.

We expect Grego Sanguinetti's "tube tasting" to be a sellout. Grego will be demonstrating the sound of different output tubes in a versatile breadboard style amplifier chassis. Participants will have the rare opportunity to compare and contrast the sonic qualities 2A3s, 300Bs, 45s, and a bevy of other popular DHT's.

Dr. Bruce Edgar will also headline our seminar series, giving his well regarded talk on the virtues of tractrix horn designs.

MagneQuest's Mike Lefevre will make available his encyclopedic knowledge of transformer and choke design in an open, question and answer type of seminar.

VALVE's Dave "Full Track" Dintenfass will give a demonstration of minimalist recording techniques, and Paul Joppa will give an invaluable presentation one of the more elusive elements of tube circuit design, that of calculating operating points.

Frank Morris of Gold Aero will give us guidelines on proper tube testing techniques, explaining what various tests can really tell us.

John "Buddha" Camille will give some insight to another major challenge of tube audio circuit construction, that of eliminating hum and ground loops.

Jennifer Crock will lend us her well developed insights on interconnect and speaker cable design, and knowing Jennifer, she may embrace a whole range of other design issues.

Eduardo B.E. de Lima will share his newly developed techniques for optimizing the SE amplifier-loudspeaker interface, considering in some detail many ideas he proposed in the recent issue of Glass Audio.

Ah yes. And yours truly will hold court with presentation of the latest developments on the parallel feed front. *Doc B.*

	FRI 8/29	SAT 8/30	SUN 8/31
9:00 a.m.		Frank Morris, Gold Aero, Tube testing	Eduardo de Lima, Amp/speaker interfacing
10:00 a.m.		Mike Lefevre, Mag- neQuest, Inductors	Dr. Bottlehead, Parallel Feed
11:00a.m.		Dave Dintenfass, VALVE, recording techniques	Jennifer Crock, Jena Labs, Cables
12 Noon		lunch break	lunch break
1:00 p.m.		Paul Joppa, VALVE, choosing operating points	John Camille, Ground loops and hum
2:00 p.m.			Dr. Bruce Edgar Horn loudspeakers
2:30 p.m		Grego Sanguinetti "tube tasting"	
6:00 p.m.	exhibitor "mixer" on the patio	?	Sakuma reception and awards
7-10p.m.			Sakuma concert

HANDMADE ELECTRONICS

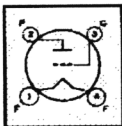
A PARTIAL LISTING OF WHAT WE HAVE FOR THE BEGINNING OR ADVANCED HOBBYIST

Capacitors- KimberKap, RelCap MultiCap, Hovland, Nichicon Muse, Cerafine, Solen, Our own high quality oils, 500vdc silver micas, Philips 1% polystyrenes. **Resistors-** Holco metal film, IRC RN metal glaze 1% series, Mills & Memcor wirewound, Allen-Bradley/Stackpole carbon compositions, Alps, Clarostat, Dale volume controls. **Tubes/Valves-** Golden Dragon, Svetlana and other Russian made. **Connectors-** Kimber, Cardas, Edison-Price, WBT and some nice inexpensive plastic binding posts that do the job. **Transformers-** Hammond, MagneQuest and Tango (interstages only). **Metalwork-** Hammond and our own basic chassis using non-magnetic materials. **Kits-** 2A3 and 300B single ended and a nifty RIAA board based on an RCA Victor circuit.

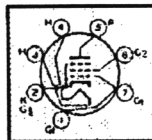
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\$4.00 using Visa/MasterCard/Discover
or **\$2.00** or 5 IRC postal coupons to:

Handmade Electronics
Post Office Box 9114
Allentown, Pennsylvania 18105-9114 USA
Voice: 610-432-5732 Fax: 610-432-8971

Email: handmade@ix.netcom.com
<http://www2.netcom.com/~handmade/first.html>



Export



Import

VSAC Craftsmanship Competition

The Anchor Room, open 9-6 Saturday and Sunday, on the second floor of the hotel, will be the site of the Craftsmanship Competition, a room where VSAC 97 attendees can get a shot at "15 minutes of fame" by demonstrating their own Homebrew and DIY projects on a reference system.

Awards will be given for best sound in each of the following categories:

Front end equipment
Preamplifiers
Amplifiers
Loudspeakers

An additional award will be given by Mike Lefevre for the most finely crafted preamplifier or amplifier.

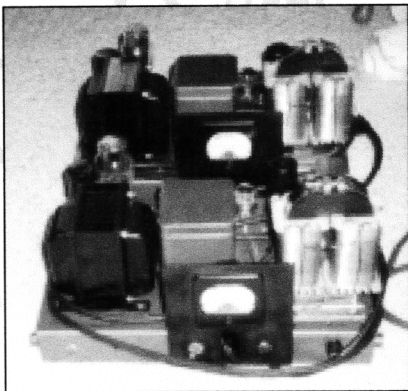
We are looking for volunteers to help "man" this room during the show. You will be responsible for inserting and removing equip-

ment to be auditioned, and general security of the room.

Gary Dahl has kindly offered the use of his Exemplar Horns and his hyper exotic VV30 SE amps for the reference system, and Electronic Tonalties will loan a Wright Sound Company preamp. We are looking for a quality front end (transport and DAC) to go with this setup, so if you have something you can loan, let us know or bring it with you.

When you bring your project to VSAC, be sure to register for the competition when you pick up your badge.

Awards will be presented Sunday night at 6 p.m. in the Admiral Ballroom, before the



Gary Dahl's 437A-style/MagneQuest IT coupled/
VV30/L-core Permador output monoblocks
Photo by Tom Vetromile

Sakuma Concert.



Andy Bartha Audio
954-583-7866 EST

Did you know every CD/Laser Disc you purchase has a "filmy coating" that was used to keep the polycarbonate disc from sticking to its metal mold during manufacture?

No matter how sophisticated your CD/Laser playback system is, it cannot correctly read the music beneath this film.

This loss of focus is destroying the very heart and soul of your music—it's no wonder the purists have preferred analog!

Only REVEAL removes this film, plus, it cleans and seals the surface, protecting against scratches, smudges, fingerprints, glare and magnetic dust. Now your CD Laser Disc player will read the music correctly.

MARTIN DEWOLF,

Bound for Sound

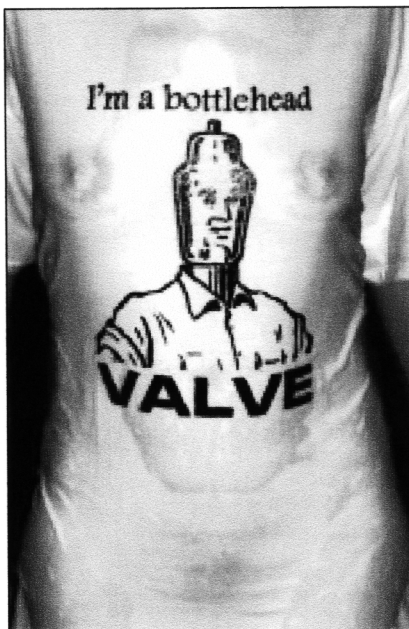
"Best sounding and easiest to use CD cleaner"

DOUG BLACKBURN,

Positive Feedback, Soundstage

"Cannot reproduce what REVEAL does on CD's with anything else"

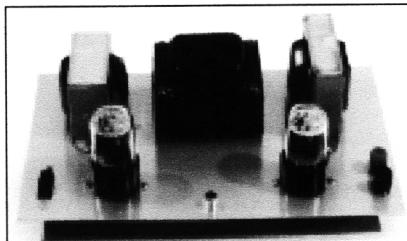
Satisfaction 100% guaranteed.
An 18 oz. can is \$34.95, plus shipping
(that's about 4 cents per disc)
You'll be hearing your music for the



Don't forget a souvenir for the significant other.

\$16 each, plus shipping. XL fits all.

ELECTRONIC TONALITIES/VALVE
AVAILABLE AT THE REGISTRATION DESK



Come see the prototype of the new Enhanced S.E.X. kit, due out in the next few weeks, with new custom power transformers that will allow eXperimentation with 2A3 and 300B circuits. The price for this new version will be \$399 w/o drivers, \$430 with drivers, plus shipping.

ELECTRONIC TONALITIES/VALVE
VSAC 97 ROOM 342

The Sakuma Concert: Remembrance of Sounds Past

Sunday night August 31, at 7 p.m. in the Admiral Ballroom, we will host a very special event. Direct from Japan, Mr. Susumu Sakuma will give a concert, Remembrance of Sounds Past, with his esoteric all transformer coupled, directly heated monophonic audio system through an Altec based horn loudspeaker system.

The Sakuma system has a near cult following in Japan. Through years of experimentation Sakuma san has developed techniques of building and tuning his system entirely by ear, with breathtaking results that have been demonstrated in Paris and Milan as well as Japan. To get a feel for the exotic philosophy of this very special man and his world renowned system, we present here an excerpt from the Direct Heating website, home of the Sakuma System devotees:

"After two hours ride from Tokyo, the express train brings you to the small town of Tateyama near the beautiful seaside. At the end of the street, you find a small restaurant called Concord. As soon as you step into the entrance, you are puzzled by the fantastic sight of many hand made vacuum tube amplifiers. "Am I in a restaurant, or in an audio shop?" When you need someone's help, across the counter you will find the man with a smile. This is Mr. Susumu Sakuma. We call him "Sakuma san".

"Sakuma san was born in 1943. After making many amplifiers, he noticed that the amplifier conforming to electronic theory does not always satisfy our emotional sense. He decided to build his system by his emotion, not theory. His many original ideas have resulted in an unusual monophonic system. Sakuma amplifiers are especially unusual. He didn't care about slander against himself, but he was concerned for the feelings of Sakuma amplifier users.

"The one way to prove their correctness, was by giving audio concert demonstrations. During some two scores of years, there have been presented innumerable domestic audio concerts, as well as those in Milan and Paris, using amplifiers of his own production and other audio instruments of his choice. More than 4,000 people have listened to music played through his system with great enjoyment. Newspapers and magazines welcomed his performances. Experiencing his sound, both music fans and the media agreed that reproduced music can be also a form of ART that has

beauty and communicates as much emotion as "real" music.

"Today more than 200 audiophiles visit Sakuma each year to seek truth in the words "Farewell to theory". In 1977 the editor of "Audio technology MJ Musen to Jikken" visited the Concord Restaurant. He was impressed with Sakuma sound and requested Sakuma san to write a report of his works for "MJ". More than 40 Sakuma articles have appeared in "Audio technology MJ Musen to Jikken" in nearly 20 years. "MJ Musen to Jikken" is a most authoritative magazine, published since 1924.

"In 1980 Direct Heating was incorporated. Our activities include publishing "Direct Heating" magazine, giving audio concerts and other beneficial steps to bring audio into the fine arts.

"In 1989 Sakuma san published "The Remembrance of Sound Past". Both 1st and 2nd edition are out of print, and he is writing a new book."

An article by Sakuma san can be found in the latest issue of Sound Practices.

Vintage Audio Display

The VALVE vintage audio display will be located in room 344, from 9-6 Saturday and Sunday. Two local VALVE members will contribute the majority of the display.

Eric Lenius is a hardcore vintage Fisher collector. He will be displaying a selection of vintage Fisher and other "golden era" tube audio gear, highlighted by a recently restored Western Electric Model 60A push pull 205D amplifier. Also tentatively scheduled are a Scott LK150, the Fisher 60A featured recently in VALVE, an Altec 340, and several other rare and collectible pieces.

John Hoffman is a collector specializing in early acoustic phonographs. He will offer a display entitled "Audio State of the Art - 1897 to 1927". The display will feature both cylinder and disc type phonographs from this time frame.

We are looking for volunteers to help "mind the store" in this room. Please let us know if you can help when you check in at the registration desk.



**Welborne
Labs**

VSAC Room 346

featuring

Laurel 300B SE Amplifiers



Moondog 2A3

Debuting

Reveille Vacuum Tube Linestage

£

Reveille Passive Linestage

GATEKEEPER ac line conditioner

KR ENTERPRISE VV Valves


featuring:

VV300B VV302BC VV32B VV52B HR1 HAS

PH: 303.470.6585

Fax: 303.791.5783

E-Mail: wlabs@ix.netcom.com



VSAC 97 Exhibitor Listing

Audio Technical Products

room 356

P.O. Box 6249 Bellevue, WA 98008-0249

Phone: 425-641-5044

Fax: 425-747-5642

e-mail: jackeob@ix.netcom.com

Products: ATP-TA-20 power amp, Edgarhorn 70 Hz horn,

Electro Voice MS-802 Studio Monitor

Personnel: Jack Strayer

Audiopax Sistemas, Ltda.

room 350

R. Barata Ribeiro 473/209, Rio de Janeiro, RU, 22040-000

Brazil

Phone/Fax: 2558451

e-mail: edelima@uninet.com.br

Products: SE tube amplifiers, loudspeakers, CAD software for

SE systems

Personnel: Eduardo B.E. de Lima

E.A.R. U.S.A.

room 360

1624 Sunset Avenue, Santa Monica, CA 90405

Phone/Fax: 310-396-1919

Products: E.A.R.

Personnel: Dan Meinwald



VSAC 97 Exhibitor Listing




Edgarhorn




room 354,356




22133 S. Vermont, Torrance, CA 90502




Phone: 310-782-8076



Fax: 310-371-8085



Products: Edgarhorn



Personnel: Dr. Bruce Edgar




Electronic Tonalities/VALVE




room 340, 342



P.O. Box 2786, Poulsbo, WA 98370




Phone: 360-697-1936




Fax: 360-697-1936




e-mail: bottlehead@prodigy.net



Products: S.E.X. kit, Afterglow 2A3 amp kit, Foreplay preamp kit, "69" tapered pipe loudspeaker,




Hyperwhamodyne loudspeaker system, VALVE magazine












Personnel: Dr. Bottle head, Eileen Schmale



Gold Aero



room 352



Phone: 815-654-7756

e-mail: goldaero@aol.com

Products: Gold Aero Tubes, preamps

Personnel: Frank Morris



VSAC 97 Exhibitor Listing

Lowther Club of America room 346

P.O. Box 4758, Salem OR 97302

Phone/Fax: 503-370-9115

Products: Lowther Drive Units, Lowther Club of America
Medallion II Cabinets

Personnel: Tony Glynn

MagneQuest

Room 340

1404 E. Bristol St., Philadelphia, PA 19124

Phone/Fax: 215-288-4816

Products: MagneQuest Chokes and Output Transformers,
Brooklyn Chokes and Push-pull Transformers, Peerless Trans-
formers

Personnel: Michael Lefevre

Mons Audio

room 354

19422 Sturgess Dr., Torrance, CA 90503

Phone: 310-370-6026

Fax: 310-370-3982

Products: Mons amplifier

Personnel: Man Ho Kim, Eddy Kim

Points of interest-

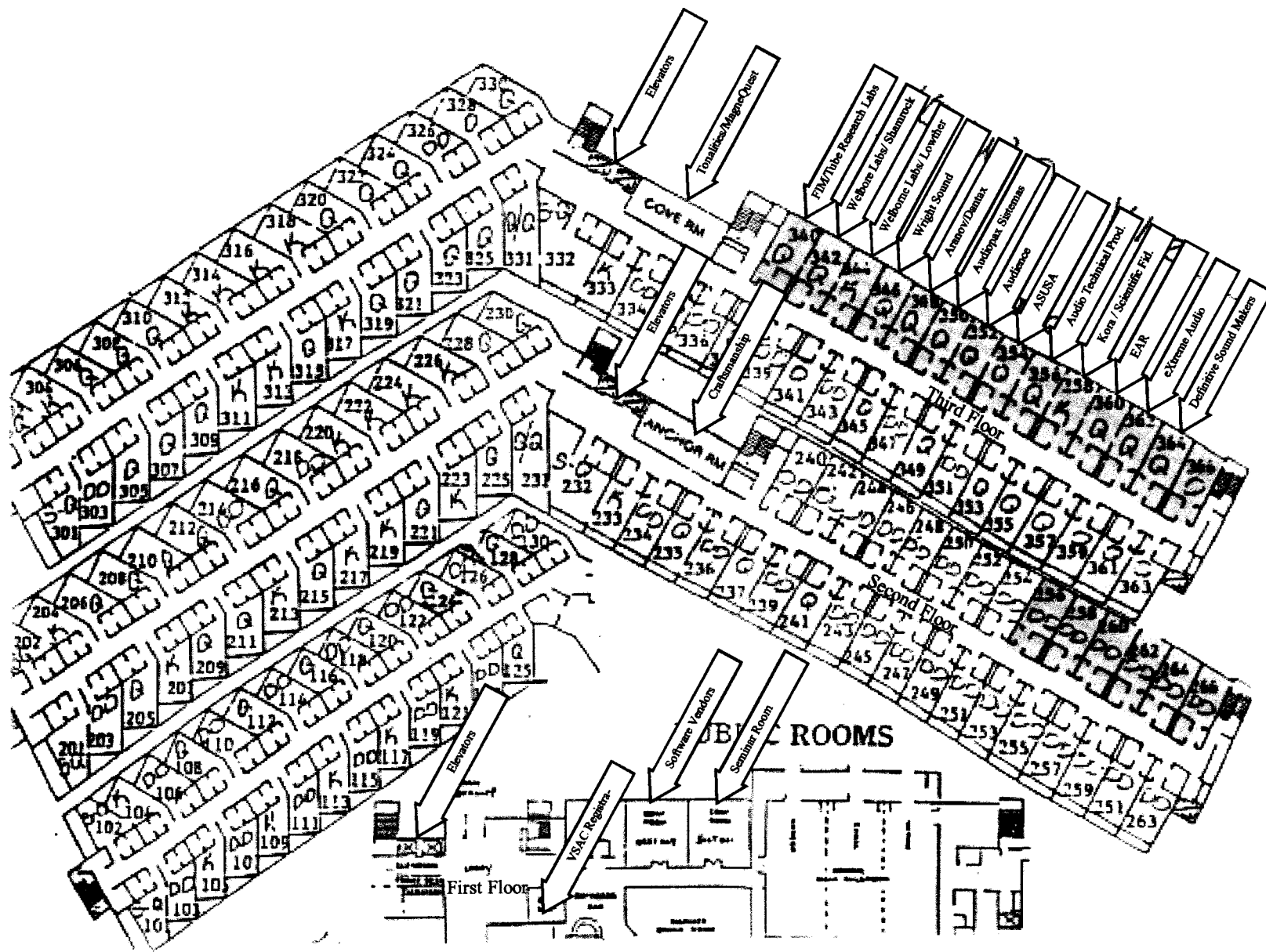
Badges may be purchased or picked up, you may sign up for seminars, and you can register for the Craftsmanship Competition at the registration desk in the Island room, to your left as you enter the lobby.

Exhibitor rooms are on the third floor, to the left as you step off the elevator

The Craftsmanship Competition room is on the second floor, to your left as you step off the elevator

The Seminars are given in the West Bay room on the first floor, to your left as you pass through the lobby.

Various software, parts and used equipment can be found in the East Bay room, next to the West Bay room on the first floor.





VSAC 97 Exhibitor Listing



OS Systems

room 358

4625 45th Ave. S.E., Lacey, WA 98503

Phone: 360-456-0846

Fax: 360-456-1164

Products: Kora, Scientific Fidelity, Vans Evers, line conditioning products

Personnel: Randall Bankert



Samadhi Acoustics

room 360

15975 CR30, Dolores, CO 81323

Phone: 970-882-2217

Fax: 970-882-1473

Website URL: www.blackdahlia.com

Products: Loudspeakers, The ExperienceTM

The Natalia, The Zen Magic Cube personal speaker or mini-monitor

Personnel: Ron Cox, President; Diane Cox, Vice President



Sun Audio Co., Ltd.

room 362

Phone: 03-5296-0271

Fax: 03-5296-0272

e-mail: sunaudio@big.or.jp

Products: SE 2A3, EL34, 6V6 amps, preamp, MC stepup, transformer coupled CD output.

Personnel: Masaho Uchida, Mitsuru Uchida

MagneQuest's Michael Lefevre
and Electronic Tonalities' Dr. Bottlehead
bring you a special limited edition
parallel feed output transformer -

THE PINSTRIPE

- ◇ 3,000 ohm primary impedance, 4,8 and 16 ohm secondaries.
- ◇ the legendary midrange quality of the TFA-204, now with phenomenal bass and treble speed and texture
- ◇ measured frequency response of -1dB at 2 Hz and 26 kHz
- ◇ perfect for SE 2A3, SE 300B, PSE 50s, SE VV300B, SE VV32B, even works with the VV52B!
- ◇ alternating interleaved laminations of M4 steel and nickel - pinstripes!
- ◇ stunning polished solid brass bell ends
- ◇ use with 2A3/300B and the new, larger EXO 003 60 mA 50H plate loading choke
- ◇ perhaps the most beautiful transformer ever made

special show price - \$225 each.

all nickel version available on special order, \$225 each w/black oxide bell ends, \$275 each with brass bell ends



SEE US AT VSAC '97
room 346

Lowther

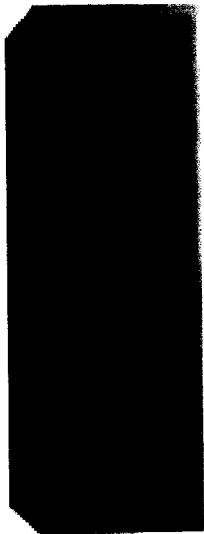
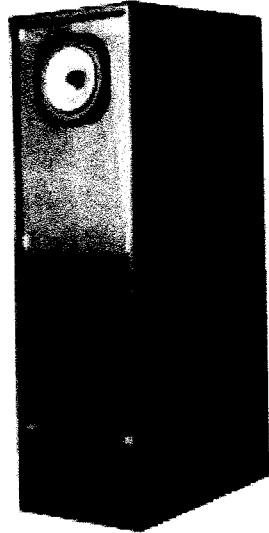
MEDALLION II KIT

Introducing the new Medallion II enclosure, specifically designed for the incomparable musical experience of the Lowther PM6A, PM7A, or PM2A.

Works nicely with the budget C series drivers too.

Comes complete with matching grills-a precut, easily assembled kit.

*Now available-
the new DX2 rare earth magnet driver*



For more information contact
Lowther Club of America
PO Box 4758, Salem OR 97302
ph/fax 503-370-9115

for an audition
in the Puget Sound region:
ELECTRONIC TONALITIES
360-697-1936

Finished cabinets also available
Assembly manual available for \$15

A decorative border of lightbulbs surrounds the text. Each lightbulb is white with a black outline and a small black dot in the center, set against a black background.

VSAC 97 Exhibitor Listing

Triode Support Systems

Cove room, third floor

17355 Saturn Lane, Houston TX 77058

Phone (Seattle area) 360-805-0179

Products: Exemplar, Metalogue Horn Loudspeakers

Personnel: John Tucker, Jeff Markwart

Weekend Environments

room 348

4625 45th Ave. S.E., Lacey, WA 98503

Phone: 360-456-0846

Fax: 360-456-1164

Products: Aronov, Merlin, Electraglide, TAD, Alchemist,
Camelot, Ultech, Synergistic Research, Black Diamond Racing,
Room Tunes

Personnel: Stewart Marcantoni, Deborah Marcantoni

Welborne Labs

room 346

971 E. Garden Drive, Littleton, CO 80126

Phone: 303-470-6585


Fax: 303-791-5783

e-mail: wlabs@ix.netcom.com

website URL: www.welborne.com

Products: Welborne Labs, KR Enterprises VV Valves

Personnel: Ron Welborne



VSAC 97 Exhibitor Listing

Wright Sound Company

room 342

3516 So. 262nd. St., Kent, WA 98032-7047

Phone/fax: 253-859-3592

Products: WLA10 Line Amplifier, WPP100B Phono preamp,
WPL10V Phono Preamplifier w/Line stage

Personnel: George Wright

To all our customers,

We want to thank you for your patience as we finish preparations to deliver our new Enhanced S.E.X. kit, Afterglow kit, and Foreplay preamp kit. Preparing for VSAC '97 and heavy production schedules at our various kit part manufacturers has made sticking to our intended preshow delivery dates impossible. We will have just enough initial production to allow construction of working prototypes for VSAC, and to supply kits for our amplifier design class by showtime. We plan on beginning shipment of all other presold kits by early to mid-September.

As we continue to produce these kits at a miniscule profit margin, we hope that folks will understand that the narrow margin forces us to order and assemble the kit of parts as they are ordered by our customers. For those of you who have not dealt with us in the past, please do not be surprised if we estimate at least a month from your order date before your kit arrives. Many of the parts in our expanding kit line are now custom built by small high tech manufacturers who must fit this custom work into an already hectic schedule.

We hope this somewhat lengthy delivery schedule to be considered a small price to pay for some of the least expensive high end products out there, designed by some of the hottest new designers in the business, with parts manufactured by some of the most highly demanded, perfectionist manufacturers in the business.

Dan "Dr. Bottlehead" Schmalle
Electronic Tonalties

Weekend Environments

"A Sanctuary Of Sound"



Stewart Marcantoni

VSAC '97
room 348

4625 45th Ave S.E.
Suite H-1
Lacey, WA 98503

Phone: (360) 456-0486
Fax: (360) 456-1164

VSAC SHOW SPECIAL

EVERYTHING REDUCED 10-20% THRU SEPTEMBER 15, 1997

COMPONENTS

- ALCHEMISTS** Gorgeous solid state sculptures that reproduce music with warmth and detail. Four integrated amps from \$750 to \$1700. Separates from \$1750 to \$15,000. A CD Player for \$1377, DAC and Transport coming!
- ARONOV** The most musical tube gear in the world with solid fists bottom end - \$1700 to \$4200 - Compare!
- AUDIERE** Solid state that is three dimensional, not solid state nor tube sounding - AWESOME - \$2400 to \$15,000
- CAMELOT** Great digital that we can all afford. A step above Audio Alchemy; normal size components, dependability, sonicglory, the total package!
- ULTECH** The best value in a one box CD player; weighs 25 lbs., HDCD, 20 bit, all the latest technology at \$895, state of the art processors available 98

SPEAKERS

CABASSE, MERLIN, PLATINUM, SOUND LAB, we have every price point covered - great sound and quality!

ACCESSORIES

- TAD** Looking for a power conditioner? Then you must consider the Bybee Box, the best there is!
- BLACK DIAMOND ROOMTUNES** to tune your system like a piano: cones, those things, shelves for amp stands, racks, brass cones, room treatment!

CABLING

- SYNERGISTIC** You can spend a lot more and not come close to the magic of this cabling. Available at all price points - from the Alpha series to the "best in the world" DESIGNER'S REFERENCE ! And Master Coupler
- ELECTRAGLIDE JPS** The new standard in power cords, "experience why"!
The Superconductor int for \$295 can compete with any \$500 int! Great speaker cable!

AT WEEKEND ENVIRONMENTS OUR GOAL IS TO INTRODUCE YOU TO PRODUCTS THAT EQUAL AND OFTEN EXCEED THE VERY EXPENSIVE BIG NAME PRODUCTS IN BUILD QUALITY, AESTHETICS, AND MOST IMPORTANT, MUSICALITY. WE ASSURE YOU - YOU WILL BE PLEASANTLY SURPRISED! IF WE CANNOT EXCEED YOUR EXPECTATIONS - WE DON'T DESERVE YOUR BUSINESS!

Wherein hell is Silverdale?

From I-5 :

Head towards Tacoma. At Tacoma take Highway 16 towards Bremerton. At the end of Highway 16 take Highway 3 north, to Silverdale. Take the Newberry Hill exit.

From the Seattle-Bainbridge Ferry:

Take highway 305 to highway 3 south. Take the Newberry Hill exit.

From the Edmonds-Kingston Ferry:

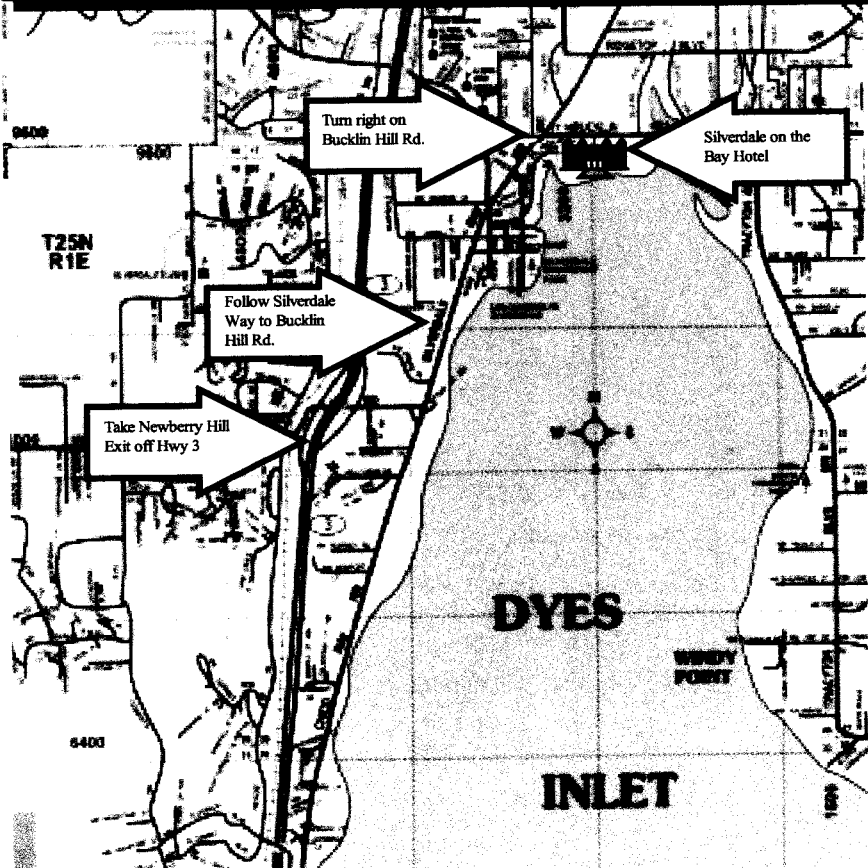
Take highway 104 to highway 307. Turn right from highway 307 to highway 305. From highway 305, take highway 3 south. Take the Newberry Hill Exit

From the Newberry Hill Exit:

Turn toward the water (right if coming up from the south, left if coming down from the north).

Newberry Hill Rd. runs into Silverdale Way.

Follow Silverdale Way to Bucklin Hill Rd. Turn Right at Bucklin Hill Rd. Silverdale on the Bay Hotel is on the right, approximately two blocks down.



spy photo: the 69



Here's a shot of the prototype of the new Electronic Tonalities two way tapered pipe kit speaker. Although the original drawings spec'd a height of 72", the eventual design came out 69" tall, hence the name. Efficiency is approximately 96 dB, impedance, 4-8 ohms. The crossover is a single Axon capacitor.

The speakers were so new when this photo was taken that we hadn't run a response curve yet, but the woofer's resonant frequency is 62 Hz, so we expect the pipes go down to 50Hz or so.

We hope to have this speaker available as an "assemble and finish it yourself" kit, with the drivers, crossover, wire, terminals, and cut-but-not-assembled-or-finished cabinet panels.

Target price is \$499 the pair. The finished prototypes will be available for audition at VSAC 97.

Photo by Tom Vetromile

Introducing Brooklyn.

Push-pull transformers that sound single-ended.

PART #	PRIMARY IMPEDANCE	POWER LEVEL	MAX. PRIMARY DCMA PER SIDE	DCMA UNBAL	RETAIL EACH
B14	12,000 CT	10W	40	4	\$100
B15	10,000 CT	20W	50	5	\$125
B17	9,000 CT	30W	50	5	\$140
B18	8,000 CT	15W	45	5	\$120
B20	6,600 CT	30W	70	7	\$140
B21	5,000 CT	20W	80	8	\$120
B23	4,000 CT	50W	100	10	\$150
B24	3,000 CT	15W	75	7.5	\$125
B27	1,500 CT	30W	150	15	\$135

Note: Above units available with Ultra-linear taps for an additional \$6.00 per unit. Secondary impedances for all units are 2,4,8,12 & 16 ohms. Guaranteed minimum frequency response is +/- 1 dB, 30Hz to 20 kHz. All units supplied with vertical bell end caps. All prices herein are special introductory - prices subject to change without notice.

NEW - power supply filter chokes, and plate loading chokes that work great for parallel feed projects:

CHOKES

SEE US AT VSAC '97 room 340

PART #	RATED CURRENT DCMA	INDUCTANCE HENRIES	DC RESISTANCE OHMS	RETAIL EACH
BCR17	15	40	1170	\$40
BCP4	50	20	315	\$45
BCM8	75	12	215	\$50
BCM1 1	100	12	145	\$60
BCP8	150	10	128	\$65
BCM1	200	10	109	\$70

PARALLEL FEED AUDIO CHOKES

BCP16	1	425	4400	\$40
BCP14	10	100	2075	\$45
BCP15	50	40	550	\$50

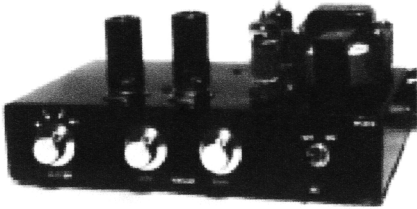


Brooklyn, P.O. Box 967
Cherryville, PA 18033
(215) 288-4816

Where Push-Pull meets Single-Ended

SEE US AT VSAC '97
room 342

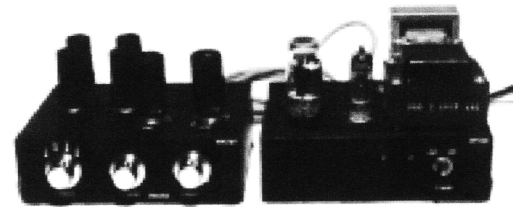
WRIGHT Sound Company



The **WLA10 line amp** with 4 inputs for those who don't need the phono section. Dubbed by those that have listened, as the best sounding line amp they have ever

heard, tube or solid state. All this for \$365.00 plus \$17.50 shipping and handling in the continental U.S., WA res. please add 8.2% sales tax.

The **WPP100A phono preamp**, the most natural sounding unit on the market today, is available at \$529 plus \$17.50 shipping and handling in the continental U.S., WA residents please add 8.2% sales tax. The WPP100A has gold RCA connectors, and a new WPS02 power supply with a power switch and plate and filament indicators. The



performance is better than the original version, which beat all the competition in listening tests by members of **VALVE** and other audiophiles who have had the pleasure of reviewing this product.

Now available to **VALVE** members, and those who have

tried S.E.X. amps, the **WPL10V complete line amp/ phono stage** component. This basic model has the quality of the WPP100A, with the additions of a selector switch with phono plus three other line inputs and volume controls to make this the center of that great new S.E.Xy sound system. No longer do you need to wait for a great sounding addition to have great S.E.X., and at just \$649 U.S. funds plus \$17.50 shipping and handling, you can get this fully assembled preamp/line amp delivered to your door in the continental U.S., WA residents add 8.2%. The WPL10V is designed to be a cost effective basic chassis type, constructed with all the great stuff that goes into the WPP100A. We made it especially for you S.E.X. owners and **VALVE** members who want the most out of your system for the least out of your pocket. I must add that this product will work with almost any power amp you now have or may purchase, so with or without S.E.X. this is a great addition to the WRIGHT line. Stay tuned for future models.

Please send your order and payment to:
WRIGHT Sound Company

Finally, all the new stuff you've been reading about

from Electronic Tonalities will be on display at VSAC 97.

In room 340 you will find

- ◇ the Hyperwhamodyne in its most refined state, being driven by
- ◇ a beautiful new one of a kind single ended parallel feed VV52B amplifier featuring the stunning new nickel core MagneQuest TFA-204, dressed in gorgeous polished brass. We will be taking orders for production versions of both of these products.
- ◇ Also on display in this room will be samples of the latest designs from MagneQuest, including the limited edition "Pinstripe" parafeed transformer.

In room 342 you will find examples of

- ◇ the new Enhanced S.E.X. kit,
 - ◇ complete with the original open baffle S.E.X. speaker,
 - ◇ the prototype Afterglow amplifiers, designed by John Tucker,
 - ◇ the Foreplay preamplifier kit, designed by George Wright,
 - ◇ and our new "69" prototype tapered pipe kit speakers.
- George Wright will also be demonstrating his line of "giant killer" preamps, some with the latest optional upgrades.

Come visit us and our friends in rooms 340 and 342

ELECTRONIC TONALITIES