OLSON ELECTRONICS 260 So. Forge St. Akron, Ohio 44308

Electronics for the home

SALE ITEMS — Only As Indicated Throughout The Catalog.
Values and Stocks On Many Items Are Limited

YOUR FAMILY — YOUR HOME
YOUR BUSINESS NEEDS THIS SECURITY

Olson tv-com closed circuit

TV INTERCOM SYSTEM

with 2-way sound
... it puts you in control!

Now, from the safety of your living room, kitchen, bedroom, or office, you can see and hear what is going on in any area you want to monitor.

Talk to and see the stranger who rings your doorbell ... watch over baby's room ... keep surveillance over the cars in your parking lot ... prevent theft ... avoid danger! You can do it all with this easy-to-set-up closed circuit television system ... you just plug it in and it's ready to use!

Please see page 46 for details.

SEE PAGE 7 FOR ORDER FORM
CATALOG EXPIRES JULY 5, 1971
CATALOG 371 COPYRIGHT 1971

MONTHLY PAYMENT CHART, See Page 18
Olson Exclusive!
Stereo Components by VOXSON

240 WATT STEREO RECEIVER
Low Silhouette Cabinet in Gorgeous Italian Rosewood

Precision Is The Key To Quality

The Tuner Gives You:
★ FM-AM-FM Stereo—SW, LW Bands
★ Illuminated Tuning Meter
★ Stereo Station Indicator
★ Separate FM and AM Tuning Dials

The Stereo Amplifier Features:
★ Distortion Level Indicators
★ All Solid State Circuitry
★ Response: 20 to 20,000 Hz
★ Size: 31” W. x 6” H. x 7” D. 110-120 volts AC 60 Hz. Shipping weight 27 lbs.

FREE! 38 PEARLS
Unmatched Italian Styling
Stereo tuner and amplifier combined in one long, low, superbly styled unit. The way it looks will tell you how it's going to sound ... even before you hear it.

RA-285 $20 Monthly .................. $380

COMPLETE STEREO SYSTEMS

SAVE! $72.50
650

FREE! 65 PEARLS
Low Monthly Terms Available

AS-425
$650

1-Voxson Stereo Receiver
2-Garrard SL-958
3-Pickering Diamond
1-Changer Base
1-Changer Dust Cover
2-Ditton 15” Speaker System (pg. 16) 2 for $200.00

Individual Catalog Prices $722.81

SAVE! $57.50
540

FREE! 54 PEARLS
Ready to Plug & Play

AS-390
$540

1-Voxson Stereo Amplifier
1-Voxson Stereo Tuner
1-Garrard SLX 3 Changer Module (pg. 26)
2-S43 2-Way Speaker System 2 for $98.00

Individual Catalog Prices $907.50

2 Olson Electronics

* MONTHLY PAYMENT CHART, See Page 18
Unsurpassed Quality and Elegance!

COMPUTER TYPE CIRCUITRY FOR UTTERMOST RELIABILITY

Olson “In The Lab Report” AM-375 RA-235 RA-285

Now sold only at Olson are the Voxson stereo components made by one of the leading European manufacturers of audio equipment.

Attractive stylish components, equipped with just about every feature you could hope for (plus some that you might never even have thought of). The Voxson components offer an elegantly designed exterior as well as a precision circuit arrangement to please the hi-fi/stereo buffs with modest pocketbooks.

The component front panels are functional and easy-to-operate.

Tuner front panel consists of: separate FM & AM tuning dials which enable a favorite station to always be pre-tuned; a precise tuning meter is illuminated for easy viewing; six push-button function selectors for FM (88-108 MHz), FM stereo switching, AM (540-1620 KHz), SW (5.3-31 MHz), LW (150-350 KHz) plus wire radio band which can only be used in European countries. Rocker type switches are used for FM AFC which reduces station drift, and the AC power (on-off) switch. Tuner has superb sensitivity with excellent FM stereo separation. Receiver can rank among the best as a world-wide receiver.

Amplifier front panel features: 6 easy action controls for function selection, volume, balance, treble, bass, and normal/reverse channel switching. Rocker type switches are used for mono/stereo, tape monitor, loudness which boosts response at low level listening, high filter that reduces high frequency scratch and hiss; low filter reduces rumble when using changer, etc. Last switch is used for power (on-off).

Distortion level indicators alert you when volume is turned too high (lights start to flicker).

Rear panel of amplifier uses DIN type connectors for: phone, tape, aux, tuner, and tape output. Adapters are included for converting DIN jacks over to use standard RCA type phono connectors. Amplifier will accept magnetic or ceramic phono cartridge. AC and audio circuits are protected by individual fuses in each line. Two convenience outlets enable the amplifier to be used as the main AC power source.

The amplifier produces clean, undistorted sound at levels well over what the human ear can bear in volume level.

All the Voxson components feature brushed aluminum front panels and include a beautiful rosewood cabinet at no extra cost.

---

PERFORMANCE SPECIFICATIONS

FREQUENCY RESPONSE: 20 Hz to 20 kHz. No Treble/Bass control.

SENSITIVITY: 6.5 mV stereo, 4 mV mono.

POWER OUTPUT: 200 watts per channel.

DISTORTION: Less than 0.2%.

SIGNAL TO NOISE RATIO: Better than 60 dB.

INPUT: 0.6 Vrms.

OUTPUT: 6 Vrms.

---

FREE! 20 PEARLS

* FM-AM-FM Stereo—SW, LW Bands
* Separate FM and AM Tuning Dials
* Illuminated Tuning Meter
* Stereo Station Indicator
* Handsome Rosewood Cabinet

MONTHLY PAYMENT CHART, See Page 18

---

Olson Electronics
STEREO RECEIVERS and SYSTEMS

110 WATT STEREO
FM-AM

Compare these features: ▶ Advanced Solid State Circuitry
▶ Black-Out Dial Glass ● Linear Type Slide Controls ● Built-in FM-AM Antenna ● Includes Walnut Cabinet at No Extra Cost ● Precision Tuning Meter ■ FM Stereo Indicator.

FREE 25 PEARLS

STEREO HEADPHONES
ADD GREATER LISTENING PLEASURE
Complete Selection p. 24

COMPLETE STEREO SYSTEM

1—RA-110 Receiver $250.00
2—2-Way Speaker Systems, S-22 (p. 17) $190.00
1—Garrard SLX-2 Changer Module (p. 26) $69.30

1-HF-65 20" Speaker Wiring Harness .99
AS-430 $35 Monthly
SAVE $75.49 from Individual Catalog price, $310.49

FREE! “Add-On” Extension Speakers
With the purchase of RA-300, RA-110 or AS-430, AS-365. Specifications S-77, p. 16.

All You Need To Connect Your Olson Stereo System

Our Finest Receiver...

250 WATT STEREO
FM-AM

▶ Superb Sensitivity ▶ 250 Watts IHF Music Power ▶ Distortion: 0.3% at Full Output ▶ Resp.: 15-25,000 Hz ▶ Capture Ratio: 2.5 db ▶ Multiplex Separation: 35 db.
Size: 27" W. x 5" H. x 13½" D. 118-120 V. AC, 60 cpts. Shpg. wt. 25 lbs.

Quality Features
▶ Speaker Selector Switch, Push-button Selectors, Stereo Indicator Lamp, Tape Input/output and 4 Olson Electronics

▶ Two Ceramic Filters plus two Integrated Circuits in the IF Section offer superb selectivity, excellent interference rejection, and low distortion.
▶ An integrated circuit in the multiplex section provides outstanding stereo separation and reduces distortion.
▶ The powerful output section of the receiver is all Silicon Solid State with eight transistors rather than four. The additional silicon devices plus oversize heat sink, and thermal protection circuitry provide ultimate in high power dependability.

RA-300
$52 Monthly $360

ACCESSORIES

Indoor FM Dipole Antenna AA-211 $1.29
20 Ft. Speaker Wiring Cable (HF-65) .99

FREE 36 PEARLS

FREE 55 PEARLS

MONTHLY PAYMENT CHART. See Page 18
Olson 175 WATT STEREO FM-AM RECEIVER

- Unique Styling
- Power to Spare

The Olson RA-290 is truly an innovation of today’s stereo receivers. Good to look at, easy to hookup and operate but designed to a professional taste to give you many hours of music enjoyment. Size: 18" W. x 5½" H. x 14½" D. Operates on 110-120 Volts AC, 50/60 cps. Shipping weight 27 lbs.

ACCESSORIES:
- Change Mounting Board Enables use of Garrard Changers SL-72, SL-75B, and SL-95B on Top of RA-290 for Compact Use.
- INDOOR FM DIPOLe ANTENNA

$300

Olson “In The Lab Report” RA-290

The Olson RA-290 is a receiver that offers excellent performance and an abundance of features. It can serve as the heart of any first-rate home entertainment system. Its unique front panel design with its circular illuminated tuning dial and assortment of knobs, switches, and levers is stylish and easy to operate. FM tuning is aided by two meters—one for signal strength and one for center of channel adjustment plus an FM stereo indicator light. Easy set slide controls are used for volume, balance, bass and treble. Rocker type switches for loudness (low level response boost), hi-lo filters (reduces tweeter, hiss and rumble noises), FM muting (eliminates interstation noise), tape monitor and stereo/mono mode.

Unusual features include: 4-way speaker selector switch that enables use of headphones, main speaker system or remote speaker system or both, tape input and output jacks front mounted for easy and convenient direct recording facilities plus stereo headphone jack. The rear panel contains push-on speaker terminals for ease of hookup, a full compliment of standard RCA phono jacks for phono (mag or cer), tape, aux, and tape output, AM antenna, convenience outlet, FM and AM antenna terminals plus circuit breakers to protect the speaker and AC lines.

An extremely sensitive FM/AM tuner and smooth responsive distortion free amplifier can be credited to its advanced solid state circuitry. The newest technique from FET, IC’s and silicon transistors are used to make up this fine receiver.

COMPLETE STEREO SYSTEM

Ready For Your Enjoyment
1. Olson RA-290 175 Watt Stereo Receiver (Above) $300.00
2. Garrard SLX2 Changer Module (Pg. 26) 69.50
2. Ditton 15 Speaker Systems 5-39 (Pg. 17) 2 for $100.00
3. PH-174 Deluxe Stereophone (Pg. 24) 20.00
4. HF-65 20’ Speaker Wiring Harness 99
Individual Catalog Prices $1200.49

PLUS FREE! 52 PEARLS $70.49

ACCESSORIES: INDOOR FM DIPOLe ANTENNA $1.29

COMPLETE COMPACT HOME ENTERTAINMENT CENTER

1. Olson RA-290 175 Watt Stereo Receiver (above) $300.00
2. Garrard SL-72B Changer (Pg. 27) 89.50
3. Empire 995E Ellipt. Diamond Cartridge (Pg. 49) .01
4. 2-Way X-19 Speaker Systems (Pg. 17) 2 for $100.00
5. Complete Mounting Board for Changer CA-445 3.98
6. Tinted Dust Covers CA-419
7. PH-192 Professional Stereo Headphone (Pg. 26) 30.00
8. HF-65 20’ Speaker Wiring Harness 39
Individual Catalog Prices $322.65

PLUS FREE! 64 PEARLS $88.45 Low Monthly Terms Available

ACCESSORIES: INDOOR FM DIPOLe ANTENNA $1.29

OLSON ELECTRONICS 5

*SOLD OUT - DUE TO POPULAR DEMAND*
COMPLETE

Home Entertainment Center
Enjoyment For You & Your Family
System Includes:

1. Voxson 120 Watt Stereo Receiver
   RA-358 ................................. $250.00
2. Gerrard SLX 2 Changer Module
   (Pg. 26) ................................. $69.50
3. Environmental 2-Way Speaker
   Systems, S-52, (Pg. 17) .............. $190.00
4. Deluxe Stereophone Headset,  
   PH-52 (Pg. 24) ........................... $16.00
5. 20' Speaker Wiring Harness  ............... 99c

TOTAL INDIVIDUAL CATALOG PRICE ........................ $556.49

Only with AS-455
$25 Monthly

FREE

25 PEARLS

DOLLAR FOR DOLLAR . . . .
FEATURE FOR FEATURE . . .
YOUR BEST BUY

VOXSON 120 Watt Stereo FM Receiver
Made in Italy—Exclusive

$250

Excellent Sound With Any Speaker System
Includes Rosewood Cabinet at No Extra Cost
Advanced Solid State Computer Type Circuitry
Main and Remote Speaker Switch

A complete compact stereo sound center that offers more outstanding features per cubic inch than any receiver in its price class. These features include excellent FM sensitivity from its FET front end, automatic stereo indicator lamp, precision tuning meter, advanced FET muting circuit eliminates inter-station tuning noise, inputs for magnetic or ceramic phonos and tape, plus tape output jacks for direct recording. Push-button switches for FM AFC, tape monitor, low, normal, and high stereo mode plus power on/off. Has stereo head phone jack, distortion level indicators alert you when volume is set too high. 300 and 75 ohm antenna terminals, plus DIN and standard RCA-type pin jacks for easy and universal hookup. Output stages and AC line are fuse protected. Specifications: 88 transistors, 25 diodes, plus FET; Response: 20 to 20,000 Hz; Capture Ratio: 3.5 dB; MPX Separation: 70 dB; Impedance: 4/30 ohms. Operates on 110-120 volts AC, 60 Hz. Size: 11/2" W. x 4" H. x 7/4" D. Shipping weight 20 lbs.

*MONTHLY PAYMENT CHART, See Page 18

6 Olson Electronics
If You Have a Master Charge Card
Merely Fill In Below:
Card Number

If You Have a BankAmericard
Merely Fill In Below:
Card Number

IF YOU DO NOT HAVE A BANK AMERICARD CARD PLEASE READ THE FOLLOWING CAREFULLY. FILL IN APPLICATION BELOW.

TERMS AND CONDITIONS OF CAR HOLDER AGREEMENT

The person ("Cardholder") the Master Charge Card ("Card") is issued to by Union Commerce Bank ("Issuer") or BankAmericard ("Card") is issued by a member BankAmericard Bank ("Member") is known as the Cardholder, in the event more than one Card is enclosed herewith bearing the same account number, by his signing, using, or making application for, his Card (Embossed with his name), receipt of which is acknowledged, agrees to the following terms and conditions with respect thereto.

A. CARDHOLDER LIABILITY—Cardholder shall be liable and agrees to pay for all Purchases and for all Advances made during the billing period covered by the Statement.

B. MONTHLY STATEMENTS—The Issuer shall furnish a single statement ("Statement") to the Cardholder for all Purchases and Advances made during the billing period covered by the Statement.

C. PAYMENT—The Cardholder shall pay the full amount due on each Statement within the time specified thereon, in full at the time due and in full at the time due on any Advances made during the billing period covered by the Statement.

D. FINANCE CHARGES—Purchases—No FINANCE CHARGE will be imposed on Purchases made during the billing period covered by the Statement.

E. RESPONSIBILITY FOR GOODS AND/OR SERVICES PURCHASED—The Issuer shall have no responsibility with respect to goods or services acquired by Purchases or for any merchants refusal to honor any Card. Any dispute between a merchant and a Cardholder with respect to such goods or services shall be settled by the merchant, and the Cardholder agrees to pay to the Issuer the charge for such goods or services.

F. PREPAYMENT—Indebtedness for Purchases or Advances may be prepaid at any time, in whole or in part, with accrued FINANCE CHARGES to the date of payment.

G. DEFAULT—Notwithstanding the terms of payment otherwise provided in this Agreement, if Cardholder fails to pay any amount due, or to perform any of his other obligations hereunder, or in the event of Cardholder’s death, bankruptcy or insolvency, Issuer may at his election declare all amounts owing under the agreement due and payable without notice or demand of any kind. The Issuer may at any time and in any manner and in a manner which shall not interfere with the Issuer’s rights on a default or breach of contract by Cardholder shall not waive such rights.

H. NOTICE AND AMENDMENTS—Issuer may amend this Agreement at any time by sending thirty (70) days notice to Cardholder by mailing a copy of such amendment to Cardholder at his last known address as shown on the records of Issuer. All such amendments shall become effective 30 days from such mailing.

This Agreement, except to the extent that Federal law is applicable, shall be governed by the laws of the State of Ohio. The validity or enforceability of this Agreement shall not affect the validity of any other term or condition.

MONTHLY PAYMENT CHART

<table>
<thead>
<tr>
<th>Amount</th>
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APPLICATON FOR BANK CHARGE CARD

Please Print

Purchaser’s Name

Street No.

City

State Zip Code

How Long At This Address

Yrs. Phone No.

If Landlord’s Name

Owner

If Buying—Name

Owner

Present Occupation

Address

Name of Nearest Relative

Married

Employer

Age

Must be 21 yrs. Old

Single

No. Dependents

Address

Address

Address

Bank Or... (Name)

Credit

References

Address

Account Opened

Account Closed

Date

Printer Sign Here X
NOW EXCLUSIVE! Only From Olson

BRC FERGUSON
100 Watt FM Stereo Receiver

Compare These Quality Features
- Made in England Exclusive
- Slimline Design
- Advanced Solid State Circuitry
- Oiled Walnut Cabinet Included at No Extra Cost
- Electronically Activated Tuning Indicators
- Field Effect Transistor (FET) Improves Station Pickup

Size: 23 3/8” W. x 8 3/4” H. x 9 1/2” D. Operates on 110-120 volts AC, 60 Hz. Shipping weight 19 lbs.

“In The Lab Report” RA-288

The Ferguson stereo receiver is manufactured by British Radio Corporation, one of the leading manufacturers of high fidelity equipment in England. Olson is the exclusive distributor for this fine piece of equipment.

This new receiver combines an extremely sensitive tuner with a clean high powered amplifier in a handsomely styled low silhouette walnut cabinet that is included at no extra cost.

The tuner section features unique electronic tuning which provides greater tuning accuracy and dependability. Electronically activated tuning indicators enable precise station tuning for maximum signal strength. FET (Field Effect Transistor) in front end improves station pickup.

Complementing the tuner section, the RA-288 amplifier offers high power, linear response, distortion free sound, and specifications you'd expect only in higher priced models.

Front panel style combines good looks from a black-out dial glass and brushed aluminum panel with a logical and easy-to-use control layout. Controls consist of: power on-off, bass, treble, balance, and volume. Nicely spaced push buttons for phono, tape, FM, aux, and stereo/monomode, plus FM/AFC to eliminate station drift. Has headphone jack for private listening.

Rear panel features standard RCA phono jacks for phono, magnetic, or ceramic, tape, aux and tape out for direct recording. Has barrier type (short proof) speaker terminals and external 800 ohm antenna terminals.

COMPLETE HOME ENTERTAINMENT SYSTEM

ENGLAND'S FINEST STEREO EQUIPMENT

<table>
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<tr>
<th>Description</th>
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<tr>
<td>RA-288 100 Watt Stereo Receiver</td>
<td>$220.00</td>
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<td>Ditton 15 Speaker System</td>
<td>$200.00</td>
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<td>Garrard SLX II Changer Module</td>
<td>$69.50</td>
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<td>Wiring Harness</td>
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<td>TOTAL INDIVIDUAL CATALOG PRICE</td>
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Montly Payment Chart, See Page 18
Olson 60 WATT STEREO FM-AM RECEIVER
DISTINCTIVE FRONT PANEL DESIGN

Includes Walnut Cabinet At No Extra Cost
Hi-Lo Filters, FM AFC, and Loudness
FM Stereo Indicator

Full Tape and Phone Facilities With Tape Monitor
Excellent FM/AM Sensitivity
Frequency Resp: 20-20,000 Hz.
MPX Separation: 25 db

Impedance: 8 Ohms
Size: 14" W x 5" H x 11½" D. Operates on 110-120 volts AC.
60 cps. Shipping weight 17 lbs.

RA-280 $10 Monthly

$160

Quality Throughout

Silicon Power Transistors Offer Clean, Dependable Music.
Circuit Breakers Protect Line & Audio Circuits Against Shorts, Etc.
Headphone Jack For Private Listening.
Easy To Use Flip Tab Switches.

Solid State Stereo

Hook up Instructions Etched In Rear Panel.
Integrated Circuit (IC) in Critical Preamp Stages Enable Use Of Wide Range Magnetic Phone Cartridges.
Built-In AM Antenna.
FET FM Front End Improves Station Pick Up.
Weighted Flywheel Tuning.
Blackout Bipla Glass With Lighted Scratched Dial.
F/M Tuning Meter Permits Precise Tuning Of Station.

Fast, Easy Hook Up

FREE! 23 Pearls

COMPLETE STEREO SYSTEM
SAVE $32.49 FROM INDIVIDUAL CATALOG PRICES

Olson 60 Watt Stereo Receiver (Above) ...................... $160.00
2-Garrard SLX 2 Speaker Systems 5-131 (Pg. 19) .................. 2 for $22.00
Garrard SLX 2 Changer Module (Pg. 26) .................. 69.50
1-20' Speaker Wiring Harness HF45 .................. .99
TOTAL INDIVIDUAL CATALOG PRICES .................. $262.49

AS-440 *$15 Monthly ........................................... $230

ACCESSORIES:
Indoor FM Dipole Antenna AA-211 .................. $1.29
Stereo Headphones Add Listening Pleasure Complete Selection (Pg. 26)

* MONTHLY PAYMENT CHART, See Page 18

10 Olson Electronics
NEW FROM Olson

2-Speed STEREO Turntable
The Choice Of The Professionals
★ Complete With Tone Arm, Walnut Base & Dust Cover
★ 2 Speeds: 33 1/3 & 45 RPM
★ Quiet, Smooth Operation
★ Precision Speed Regulation — Less Wow & Flutter Than Automatic Changers.
★ Counter Balanced Shock Mounted Tungsten Arm Minimizes Needle & Record Wear
Also Includes Audio Cables, Stylus Pressure Gauge, Plug In Cartridge Shell & Mounting Hardware. Size: 19 1/2" x 16 1/2" x 5 3/4" H. Operates on 110-120 Volts AC, 60 Hz. SHIPPING weight 26 lbs.
Less Cartridge $87
SAVE! Turntable Cartridge Combination STEREO ELLIPTICAL CARTRIDGE EMPIRE PICKERING SHURE YOUR CHOICE Only 53 with Purchase Of AR Turntable, $24.95 Value Separately, PC-187 PC-170 PC-163 See pg. 29

120 Watt STEREO FM Receiver
Precision Quality—Distinctive Styling Excellent Sound Reproduction.
★ 60 Watts RMS Per Channel
★ Excellent Reproduction With Any Speaker System
★ Superb FM Sensitivity From Front Panel
★ Functional & Easy To Operate Control Panel
★ FM Muting Eliminates Inter-Station Tuning Noise
★ FM Stereo Indicator & Tuning Meter
★ Headphone Jack For Private Listening
★ Full Compliment Of Input Jacks For Magnets, Ceramic Phone & Aux. Plus Tape Output
★ Advanced Solid State Circuitry
★ Beautiful Brushed Gold Front Panel
Housed In Stylish Case Blends With All Decor
Specifications: Response 20 to 15,000 Hz, Connect Ratio: 8 db or less, MPX Separation: 35 db; Power Outputs: 60 Watts RMS per Channel @ 4 Ohms, Impedance: 4-16 ohms, Size: 17 1/2" x 6" H. x 11 1/4" D. Shipping weight 35 lbs. Operates on 110-120 Volts AC, 60 Hz.
Model RA-371
So Much Quality $420 For Only

Model AR-4X
8" 2-Way SPEAKER SYSTEM
Compact System At A Price
You Can Afford
★ 8" Acoustic Suspension Woofer Produces Realistic & Undistorted Bass Response
★ 2 1/2" Wide Dispersion Tweeter Delivers Crystal Clear Highs
★ Wide Range Response
★ Beautiful Oiled Walnut Finish
★ High Frequency Controls Let You Adjust The High Tones To Suit Your Ear
★ Impedance: 8 ohms
Size: 19" x 16" x 9 1/2" D. Should be used with Amplifier of 15 watts Or More Per Channel. SHIP. wt. 24 lbs.
W. H. Clark, 8601 N. Meridian, Pleasant Lake, MI 48242 wins choice of merchandise worth $5 from Olson's Treasure Hunt." See back cover for instructions.

Model AR-2AX
10" Deluxe 3-Way SPEAKER SYSTEM
Concert Hall Realism
★ Advanced Acoustic Suspension 10" Woofer Provides Natural Deep Bass Response
★ Special 3 1/2" Midrange Adds Dimension To Sound Spectrum
★ Ultra High 1 1/2" Dome Tweeter Delivers Crisp, Clear Highs Beyond One's Hearing Capacity
★ Separate Level Controls Permit Adjustment Of Midrange & High Tones To What Sounds Best To You
★ Hand Rubbed Oiled Walnut Finish
★ Blends With Any Decor Whether Placed On Floor Or Bookshelf
★ Impedance: 8 Ohms
Size: 31 1/2" x 24" x 11 1/2" D. Designed For Use With Amplifiers Rated at 20 Watts or More Per Channel. Shipping weight 45 lbs.

COMPLETE Olson STEREO SYSTEM
SYSTEM INCLUDES:
AR 120 Watt FM Stereo Receiver RA-371
AR 2-Speed Turntable With Base & Dust Cover RP-407
(above) $97.80
Empire 90 EE/X Stereo Elliptical Cartridge, PC-187 (Pg. 29) 5.00
Two-AR 3A 3-Way Speaker Systems (above) $250.00 ea. 500.00
20' Speaker Wiring Harness .99
AR-AS-451 COMPLETE FOR $1023.99
Low Monthly Terms Available

COMPLETE Olson EXCLUSIVE STEREO SYSTEM
Model RA-371
120 Watt Stereo Receiver RA-371 ($160.00)
Two-AR 3A 3-Way Speaker Systems 3-163 (above) $63 ea. 126.00
AR XA 2-Speed Turntable With Base & Dust Cover RP-407 (above) 87.00
Pickering P/ATE Stereo Elliptical Cartridge PC-170 (Pg. 29) 5.00
20' Speaker Wiring Harness .99
AR-AS-450 COMPLETE FOR $375.99
Low Monthly Terms Available

Olson Electronics 11
The "Roll Abouts" from Olson

ROLL ABOUT CARTS:
- Select Hardwood Walnut Finish
- Brass Plated Hardware

<table>
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<td>8-Track Receiver RA-361 (pg. 14)</td>
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<td>2-Way Speaker System S-48 (pg. 19)</td>
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<td>HF-151 Pkg. of 2 6' Speaker Cables</td>
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<td>&quot;Roll About&quot; Component Cart CA-457</td>
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THE BUDGET CART

THE COMPACTA

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<td>10&quot; 2-Way Speaker System, S-930 (pg. 17)</td>
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<td>Garrard S-1558 Changer (pg. 26)</td>
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<td>Pickering V15/ACE-2 Diamond Elliptical Cartridge (pg. 29)</td>
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<td>Dust Cover, CA-415</td>
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<td>Changer Mounting Board, CA-437</td>
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<td>Deluxe Roll About Component Cart, CA-457</td>
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<td>20&quot; Speaker Wiring Harness, HF-65</td>
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<td>AS-443</td>
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FREE! 30 PEARLS

THE CELESTIAL

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<tr>
<th>Model</th>
<th>Description</th>
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<tr>
<td>75 Watt Stereo Receiver RA-195</td>
<td>$185.00</td>
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<tr>
<td>Garrard SLX-3 Changer Module (pg. 27)</td>
<td>$65.00</td>
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<tr>
<td>Ditton 15 Speaker System, S-39 (pg. 17)</td>
<td>$200.00</td>
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<tr>
<td>Mobile Equipment Stand, CA-404</td>
<td>$32.95</td>
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<tr>
<td>20&quot; Speaker Wiring Harness</td>
<td>$99</td>
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<td>Total Individual Catalog Price</td>
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<tr>
<td>AS-415</td>
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FREE! 46 PEARLS

THE ENVIRONMENTAL

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<tr>
<td>250 Watt Receiver, RA-500 (pg. 4)</td>
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<tr>
<td>2-Way Environmental Speaker System, S-52 (pg. 17)</td>
<td>$190.00</td>
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<td>Garrard SLX-3 Changer Module (pg. 27)</td>
<td>$99.50</td>
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<tr>
<td>20&quot; Speaker Wiring Harness, HF-65</td>
<td>$99</td>
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<td>Deluxe Roll About Component Cart, CA-407</td>
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<td>Total Individual Catalog Price</td>
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<td>LOW MONTHLY TERMS AVAILABLE</td>
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FREE! 59 PEARLS

FREE! 69 PEARLS

THE CONTINENTAL

<table>
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<tr>
<td>Vector 263 Watt Receiver, RA-285 (pg. 2)</td>
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<td>3-Way Speaker System, S-853 (pg. 17)</td>
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<td>Garrard SLX-3 Changer Module (pg. 27)</td>
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<tr>
<td>Brevor Cassette Deck, RA-275 (pg. 31)</td>
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<tr>
<td>60 Minute Blank Cassette Tape, TA-604 (pg. 36)</td>
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<tr>
<td>Cassette Tape Storage Rack, CA-438 (pg. 26)</td>
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<td>Deluxe Roll About Component Cart, CA-460</td>
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FREE! 21 PEARLS

THE ECONOMY CART

2" Easy Roll Casters
All Are Available Separately

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tr>
<td>FM-AM Cassaver RA-314 (pg. 13)</td>
<td>$189.99</td>
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<td>2-Way X-Air Speaker System, S-121 (pg. 19)</td>
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<td>66 Minute Blank Cassette Tape, TA-604 (pg. 30)</td>
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<td>Roll About Component Cart</td>
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<td>Cassette Storage Rack, CA-438 (pg. 31)</td>
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<td>Pkg. of 2 6' Speaker Cables, H-151</td>
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<td>Total Individual Catalog Price</td>
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<td>AS-442</td>
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</table>

FREE! 46 PEARLS

FREE! 69 PEARLS

STereo HEADPHONES INCREASE LISTENING PLEASURE
Complete Selection Page 24

*MONTHLY PAYMENT CHART. See Page 18

12 Olson Electronics
Olson 3-PC.

12 WATT STEREO SYSTEM

★ Deluxe 2-Way Speaker Systems ★ Sensitive FM-AM-FM Stereo Tuner ★ Inputs For Tape & Phone ★ Great For Rec Room, Dorm, Apartment, Etc. ★ Modern Black Out Front Panel ★ FM Stereo Indicator Lamp ★ Stereo Headphone Jack for Private Listening ★ Complete With 2-6 Ft. Speaker Cables ★ Beautiful Walnut Finish Cabinets

Size: Receiver: 16" W x 4" H x 5" D. Speakers: (each) 15½" x 10" x 5". Operates on 110-120 volts AC. 50/60 Hz. Shipping weight 32 lbs.

AS-406 $80

FREE 8 PEARLS

* $10 Monthly

12 Watt Stereo FM-AM Receiver Separately
RA-93 $59

Accessories: Indoor FM Dipole Antenna
AA-211 $1.29

Stereophones Increase Listening Pleasure. Complete Selection Pg. 24

"COMPLETE MATCHED" STEREO SYSTEM
★ Includes everything you need; plugs, jacks, speaker cables, etc.
1—FM-AM-FM Maxx Stereo Receiver $59.00
2—2-Way Speaker Systems (S-90, Pg. 18) 2/34.50
1—4-Spurs Stereo Change (RF-364, Pg. 28) 19.99
1—Walnut Finished Change Base 3.89
1—AC Power Cord for Change (W-535) .99
2—Audio Cables for Change (HF-49) 79c; 2/1.58
1—Speaker Wiring Harness (HF-65) .99
TOTAL INDIVIDUAL CATALOG PRICES $126.44
AS-436

* $10 Monthly

$104

CASSETTE HOME ENTERTAINMENT CENTER

Olson 30 WATT CASSETTE
FM-AM RECEIVER

Record Your Favorite Music As You Hear It ★ Unique Professional Design ★ Easy to Operate ★ Finished in Oiled Walnut ★ Built-in Stereo Cassette Recorder
RECORDER FEATURES: ★ Automatic Record Level Control ★ Dual 11 Meters ★ Simple Push Button Control ★ from Tuner ★ Pop-Up Cartridge Eject System ★ Instant Pause Control.
Size: 15½" W x 10½" D x 5½" H. Operates on 110-120 volts AC. 60 cps. Shipping weight 25 lbs.

AS-314

FREE!

REG. $159.99

COMPLETE CASSEIVER ENTERTAINMENT CENTER

FM-AM Stereo Cassettes Two 3-Way Speaker Systems
Garrard "Deml" Changer Module Plus Stereophones Total Valued When Purchased Separately $242.92

SAVE! $32.92

AS-437

* $15 Monthly

$210


* MONTHLY PAYMENT CHART, See Page 18

Olson Electronics 13

FREE!

10 1-Hour Blank Cassette Tapes With The Purchase of RA-314 or AS-437. Reg. val. when purchased separately $12.50

Olson Electronics 13
Compact Stereo System

FM/AM Receiver with Matching Speakers Complete! Ready for Your Enjoyment

- Solid State Circuity
- Ideal for Dorm, Home, Office, Etc.
- Sensitive FM/AM Tuner
- Dynamic Power Range
- Beautiful Walnut Finish
- 2 Extended Range Speaker Systems
- Inputs for Ceramic Phone and Tape
- Stereo Headphone Jack for Private Listening

You’ll Have to See and Hear It to Believe It!

SAVE $35
From Individual Catalog Prices

Compact Stereo System with Garrard “Demi” Changer
Module (p. 28)

$10 Monthly

FREE!

6 PEARLS

Complete Home Entertainment Center

NEW! Olson 30 Watt Stereo FM/AM Receiver

- Solid State with 8 Track Cartridge Player

- New Easy Set Slide Controls
- Plays Standard & 8 Track Stereo Cartridges
- Blackout Dial Glass
- Excellent FM/AM Sensitivity
- FM Stereo Indicator
- Loudness Switch Boost Low
- Level Response
- Headphone Jack for Private Listening
- Illuminated Tape Channel Indicator
- Wide Range Response
- Impedance: 8 Ohms

Size: 19½” W. x 10½” D. x 5¾” H. Operates on 110-120 volts AC, 60 Hz. Shps. wt. 26 lbs.

FREE!

15 PEARLS

Olson: Powerful 85 Watt Stereo FM/AM Receiver

Features Found Only on More Expensive Models

- Works Great With Any Speaker System
- Includes Walnut Cabinet at No Extra Cost
- Fast, Effective Transistor (FET) Improves Sensitivity
- Solid State electronics
- Circuit Breaker Overload Protection
- 2 Integrated Circuits (IC) for Unmatched Reliability
- Illuminated Slide Rule Dial

A complete stereo sound center that can be installed in a cabinet or simply located on a bookshelf or table. State-of-the-Art Electronics is enhanced by a F.E.T. in the FM front end and dual IC’s in the critical pre-amplifier stage. Specifications—Amplifier: power output: 65 watts (42.5 w/channel). Response: 50 to 20 KHz. Inputs: mono, stereo, tape head, aux. High and low frequency filters: output impedance: 4-8 or 16 ohms. Tuner separation: more than 90 db at 1 KG. Size: 16½” W. x 5½” H. x 14” D. 110-120 V, AC, 50-60 c/s. Shipping weight 25 lbs.

FREE!

15 PEARLS

$10 Monthly

* MONTHLY PAYMENT CHART, See Page 18

Olson: Powerful 85 Watt Stereo FM/AM Receiver

Features Found Only on More Expensive Models

- Works Great With Any Speaker System
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- Solid State electronics
- Circuit Breaker Overload Protection
- 2 Integrated Circuits (IC) for Unmatched Reliability
- Illuminated Slide Rule Dial

A complete stereo sound center that can be installed in a cabinet or simply located on a bookshelf or table. State-of-the-Art Electronics is enhanced by a F.E.T. in the FM front end and dual IC’s in the critical pre-amplifier stage. Specifications—Amplifier: power output: 65 watts (42.5 w/channel). Response: 50 to 20 KHz. Inputs: mono, stereo, tape head, aux. High and low frequency filters: output impedance: 4-8 or 16 ohms. Tuner separation: more than 90 db at 1 KG. Size: 16½” W. x 5½” H. x 14” D. 110-120 V, AC, 50-60 c/s. Shipping weight 25 lbs.

FREE!

15 PEARLS

$10 Monthly

* MONTHLY PAYMENT CHART, See Page 18

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SAVE! Get all three Olson SOLID STATE “Stereo Mates” $215

A Stereo FM-AM Tuner
- Excellent FM-AM Sensitivity
- Precision Tuning Meter
- Black Out Front Panel
- FM Stereo Indicator
- Includes Walnut Cabinet at no Extra Cost
- Tape Output Jacks
- MPX Separation: 20 db
- Built-In AM Antenna
- Mates With AM-385

Size: 11 1/8” x 7 3/4” x 4 1/4” H. Operates on 110-120 volts A.C. 50-60 cps. Shipping weight 10 lbs.

$89

B 60 Watt Stereo Amplifier
- Works Fine With Any Speaker System
- Modern Black Front Panel
- Unique White Pin Stripe Accent
- Slide-Tab Switches
- Main and Remote Speaker Switch
- Stereo Headphone Jack
- Olson Walnut Cabinet
- Frequency Response: 35-20,000 Hz.
- Tapes, Aux. and Mag Phonos Inputs

Size: 11 1/8” x 7 3/4” x 4 1/4” H. Operates on 110-120 volts A.C. 50-60 cps. Shipping weight 12 lbs.

$89

C 8 Track Stereo Tape Deck
- Plays Standard 8 Track Tape Cartridges Through Your Stereo System
- Black Front Panel w/white Pin Stripe Accent
- Automatic Start
- Illuminated Channel Indicators
- Walnut Cabinet
- Manual Automatic Channel Changer
- Cartridge Eject Button
- Response: 50-15,000 Hz.
- Simple Plug-In Connections

Size: 11 1/8” x 7 3/4” x 4 1/4” H. Operates on 110-120 volts A.C. 60cps. Shipping weight 10 lbs.

$60

"Stereo Mate" System — Complete!
Enjoy your auto stereo tapes in the comfort of your home. "Stereo Mate" system features "Stereo Mates" (above), Garrard SLX2 changer module (Pg. 18), 30 ft. speaker wiring harness, plus for your private or late hour listening pleasure the PH-140 (Pg. 24) stereo headset is also included.

ACCESSORIES:
- Indoor FM Dipole Antenna, AA-311 $31.27
- Retractable Headphone Extension Card, HF-144 $3.98
- Complete Selection of plugs, adapters, and audio cables (Pg. 23)

SAVE $48.49
AS-424 $285
"$10 Monthly
INDEPENDENT CATALOG PRICE $333.49

Olson
8 WATT STEREO AMPLIFIER
SOLID STATE CIRCUITRY

- Response: 70 to 20k Hz.
- 10 Transistor Circuit
- Separate Tone and Volume Controls
- Brushed Aluminum Panel
- Inputs for Phone and Tuner

110-120 V, A.C. 60 cps. Size: 8” x 4 3/4” x 2 3/4”. Shipping weight 8 lbs.

$22.98

Olson
20 WATT STEREO AMPLIFIER

- Works Fine With Any Speaker System
- Walnut Wood Cabinet
- Stereo Headphone Jack: Resp. 50 to 20,000 Hz.

Size: 19 1/4” W. x 9 1/4” H. x 7 1/4” D. 110-120 V, A.C. 60 cps. Shipping wt. 7 lbs.

$39.98

COMPACT STEREO SYSTEM
“The Mini System With The Big System Sound”

1 - AM-372 20W Stereo Amp.
2 - Garrard "Demi" Changer (Page 28)
2 - S-931 X-Air Speakers (Page 18)
1 - HF-65 Speaker Wiring Harness

NO. AS-330 $90
"$10 Monthly

Olson Electronics 15

MATCHING STEREO SYSTEM

1 - Olson 8 Watt solid State Stereo Amplifier AM-357
1 - Garrard Model 39 Stereo Changer RF-351 (See Pg. 22)
1 - Changer Mtg. Base CA-396 2 X-Air Speaker Systems S-931 (Pg. 19).
1 - Speaker Wiring Harness HF-65

$72

* MONTHLY PAYMENT CHART, See Page 18
Best Quality Speaker Systems

THREE 3 SPEAKERS GIVE YOU "ENVIRONMENTAL" ADJUSTMENT

Say you move from an apartment to a house. Or you decide to move your whole sound system into a different room. These systems feature an "Environmental Control" front mounted under the grille which makes it possible to "tune" your system to its new acoustic environment. No distortion. The right amount of bass and treble. Perfection, wherever they're used!

A Olson ENVIRONMENTAL 2-WAY SPEAKER

Beautiful oiled walnut enclosure. Removable wood festwork grille lets you change acoustic grille cloth to match changes in decor or for cleaning. Compact design with air suspension speakers, 8" woofer and 5" round tweeter delivers fine bass and highs. Frequency response: 20-20,000 Hz. Power capacity: 60 watts. Impedance: 8 ohms. Size: 10½" x 17½" x 8¼" D. Shipping weight 20 lbs.

Stereo Price $190

Discount S-52 $10 Monthly

B Olson ENVIRONMENTAL CHARACTERISTIC I

★ Response: 25 to 20,000 Hz. Superbly crafted walnut case. Removable festwork grille easy to clean or change it to any color you wish to match new decor. Speakers come unnumbered by artificial stiffeners, thus explaining the absence of sound distortion. 12" woofer for clear bass, 5" mid-range in its own separately contained airtight enclosure for vivid mid-frequencies, and a 2" tweeter delivering crystal clear highs. Impedance: 8 ohms. Crosstalk points 800 and 5,000 Hz. Size: 14½" W. x 23½" H. x 18¼" D. Shipping weight 40 lbs.

Stereo Price $380

Discount S-72 $10 Monthly

C Olson ENVIRONMENTAL CHARACTERISTIC II

Same as B except this system uses 10" multifilament horn and 4" tweeter plus a 12" woofer capable of deep, ultra-low bass. The result: perfect proportion in the reproduction of stereo separation. Impedance: 6 ohms. Crossover points: 800 and 5,000 Hz. Power capacity: 60 watts. Size: 14½" W. x 23½" H. x 11½" D. Shipping weight 45 lbs.

Stereo Price $580

Discount S-92 $10 Monthly

D CELESTION, DITTON 15

From England comes one of the finest compact speaker systems made today. It's unique ABX system produces the ultimate in sound quality. 8" woofer is reinforced in tone by an auxiliary bass radiator (ABX) giving you a unique clarity in the bass range plus full power capacity down to 80 Hz. The matched tweeter has excellent polar characteristics and nearly straight line response. Response: 30-20,000 Hz. Power capacity: 15 Watts R.M.S. Impedance: 4-8 ohms. Size: 21½" x 17½" x 6¾". Walnut finished cabinet has removable front grille for easy cleaning or changing. Shipping weight 24 lbs.

Stereo Pair $200

Discount S-39 $10 Monthly

3-WAY ACOUSTIC Suspension Speaker Systems

The SPEAKER WITH THE "ACOUSTIC LENS"

★ Excellent Sound from any Music Source

The removable decorative grille (acoustic lens) is specially designed to enhance the sound quality. The 10" acoustic suspension woofer, 5" mid-range and 2½" super tweeter are acoustically matched to the walnut cabinet. All are covered through a LC type crossover preset by the manufacturer for just the right sound wherever the speakers are placed. Specifications: Power capacity: 25 Watts. Response: 25 to 20,000 Hz. Impedance: 8 ohms. Size: 15½" W. x 20¼" H. x 11½" D. Shipping weight 35 lbs.

Stereo Pair $300

Discount S-132 $10 Monthly

E Olson 16" 3-WAY SPEAKER SYSTEM

This system will bring your room alive with music superbly reproduced! The power ful 16" woofer is of the highest compliance type with a heavy duty magnet. A matched 6½" midrange unit offers smooth, clear middle frequencies. Tweeter is a 2½" horn type. Taped together, tuned to perfection in a cabinet designed around them. Oiled walnut finish cabinets with removable ribbed front panel. Power capacity to 50 watts. Response: 25-25,000 Hz. Crosstalk points 700 and 5,000 Hz. Size: 26½" x 21½" x 14½". Shipping weight 70 lbs.

Stereo Price $420

Discount S-23 $15 Monthly

Best Value Speaker Systems

A Olson VERTICAL 2-WAY SPEAKER SYSTEM

★ The Finest Sound From Compact Size
★ Book-Shelf Size: 8½" H. x 4½" W. x 9½" D.
★ Chrome Finish Bar-Type Grille
★ Acoustic Suspension Tweeter
★ Wide Dispersion Tweeter
★ Binding Post Terminals
★ Wooden Cabinet
★ Impedance: 8 ohms
★ Response: 50 to 20,000 Hz.
★ Oiled Walnut Finish
★ Shipping weight 9 lbs.

Price $50

Discount S-70 Stereo Price $68

B Olson S-838 "CUBE" SPEAKER SYSTEM

★ Compact Enough to Fit a Book Shelf or Hutch
★ Push on Speaker Terminals
★ 4" Woofer
★ 2½" Horn Type Tweeter
★ Up to 20 Watts
★ Impedance: 8 ohms
★ Oiled Walnut Finish
★ NBSF Fretwork Grille
★ Shipping weight 14 lbs.

Price $40

Discount S-838, 2 for $75

C Olson Acoustic Suspension SPEAKER SYSTEM

★ Beautiful Curved Fretwork Grille
★ Two Way Speaker System
★ 8" Woofer - 3 Tweeter
★ Electronic Crossover
★ Power Capacity to 25 Watts
★ Oiled Walnut Finish
★ Response: 20 to 18,000 Hz.
★ Convenient Screw Terminals
★ Impedance: 8 Ohms
★ Size: 17½" H. x 11" W. x 10½" D. Shipping weight 22 lbs.

Price $60

Discount S-110 Stereo Price $110 Monthly

D Olson DELUXE 7-SPEAKER 3-WAY SPEAKER SYSTEM

AMAZING NEW SPEAKER SYSTEM AT A LOW PRICE
★ 3 High Compliance Woofers
★ 3 Matched Midrange Speakers
★ 3 High Compliance Tweeters
★ Acoustic Suspension Enclosure with Contrasting Black Cloth
★ Power Capacity: 25 Watts
★ Impedance: 8 Ohms
★ Size: 10¼" W. x 24½" H. x 12" D. Shipping weight 38 lbs.

Price $60

Discount S-177 $10 Monthly

E Olson 2-WAY SPEAKER SYSTEM

★ 4" Extended Range Tweeter
★ Oiled Walnut Finish
★ Powerful 10" Woofer
★ Power Capacity 40 to 18,000 Hz.
★ Power Capacity to 35 Watts, 8 Ohms
★ NBSF Fretwork Grille
★ Shipping weight 13 lbs.

Price $70

Discount S-930 $10 Monthly

F Olson 3-WAY 12" SPEAKER SYSTEM

★ Beautiful Fretwork Grille
★ Hi-Compliance 12" Woofer
★ 8" Midrange Offers VIVID MIDDLE FREQUENCIES
★ 2½" Horn Type Tweeter
★ Adjustable Level Controls for Midrange and Tweeter
★ Ideal For Floor or Shelf.
★ Power Capacity: 25 Watts
★ Impedance: 8 ohms
★ Frequency Response: 30 to 18,000 Hz.
★ Shipping weight 35 lbs.

Price $120

Discount S-653 $10 Monthly

Olson Electronics 17

* MONTHLY PAYMENT CHART, See Page 18
**BEST BUY SPEAKER SYSTEMS FROM**

Oslo

**Famous X-Air Speaker System**
- Soft Pliable Cloth Annulus Cone
- Acoustic Suspension
- Heavy Duty Magnet
- Response: 65 to 18,000 Hz.
- Power Capacity: 5 watts, RMS.
- Impedance: 8 Ohms
- Size: 6" x 9" x 6". Shipping weight 6 lbs.

**2-WAY System**
- Walnut Finished Wood Cabinet
- Matching Cane Grill
- Push-Button Terminals
- 5" Full Range Speaker
- Impedance: 8 Ohms
- Shipping weight 4 lbs.

**4" x 6" System**
- Walnut Finished Wood Cabinet
- Black Acoustic Cloth Grill
- Re-Inforced Cabinet Corners
- Alnico V Magnet
- Convenient Screw Terminals
- Power Capacity: 5 Watts
- Size: 5 1/2" x 6 1/2". Impedance 8 ohms. Shipping weight 10 lbs.

**THIN-LINE SYSTEM**
- Walnut Finished Wood Cabinet
- Matching Cane Grill
- Push-Button Terminals
- 5" Full Range Speaker
- Impedance: 8 Ohms
- Size: 8" x 9 1/2" x 2 1/4". Shpg. wt. 3 lbs.

**2-WAY SYSTEM**
- Full Range PM Speaker
- Walnut-Grained Vinyl Finish
- Incluced 6' Cable and Plug
- Ideal Extension or Portable Speaker
- Compact Size Mounts Anywhere
- Use with Radio, TV, Phon or Tape System
- Size: 7 1/2" W. x 10 1/4" H. x 5/8" D. Impedance: 8 ohms. Shipping weight 4 lbs.

**Ultra-Compact 2-WAY System**
- Powerful 5 x 7" Woofer
- High Efficiency 2 1/4" Grill
- Beautiful Fretwork Grill
- Response: 60 to 15,000 Hz.
- Power Gain: 10 Watts
- Oiled Walnut Finish
- Size: 9" x 9" x 6". Shipping weight 9 1/2 lbs.

**FAMOUS 8" X-AIR**
- Convenient Push-on Terminals
- Oiled Walnut Finish
- Unmatched an 8" Full range speaker with point symmetry suspendeed upside down. Powerful ceramic magnet response: 50 to 20,000 Hz. Power capacity to 35 watts. Impedance 8 ohms. Size: 14 1/4" H. x 16 1/4" W. x 8" D. Shpg. wt. 14 lbs.

**MONTHLY PAYMENT CHART**

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<thead>
<tr>
<th>Mail Order Customers: See Order Blank &amp; Credit App., pg. 7 &amp; 8</th>
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**FINANCE CHARGE** will be imposed on the average daily outstanding portion of the previous balance for Purchases shown in the Statement, from the previous Statement Date to the current Statement Date. This average daily outstanding balance is determined by summing the outstanding portion of the previous balance existing for each day during the billing period after deducting payments of credits received each day and dividing this sum by the number of days in such billing period. To this average daily outstanding balance, FINANCE CHARGE will be imposed at a monthly periodic rate of 2% for the first $200, 1 1/2% for the next $200 and 1% for all amounts in excess of $400, which are expressed as ANNUAL PERCENTAGE RATES equal to 24%, 18% and 12% respectively. If the entire previous balance shown on the Statement has been paid on or before the 25th day of billing period covered by the Statement, no FINANCE CHARGES will have been incurred for such billing period.
Hi-Fi Extension Speaker System

- Walnut Grained Vinyl Veneer
- Wide Range 6" PM Speaker
- Convenient Screw Terminals
- Power Capacity to 10 Watts
- Handsome Custom Weave Grille
- Ideal Add-on or 2nd System

Size: 12 3/4" x 19 1/2" x 9 1/2".
Impedance: 8 ohms. Shipping weight 4 lbs.

Cost: $5.77

2 for $10

Olson “MICRO-CUBE” SPEAKER SYSTEM

Smashing Decorator colors for you to Mix or Match; Walnut, White, Black, Orange.

- Micro Size—Maxi Performance
- Finished 5 Sides
- Full Range X-Air Speaker
- Fiberglass Acoustic Insulation
- Contrasting Grille Cloth
- Response: 65 to 17,500 Hz.

Shipping weight 5 lbs.
Size: 6" x 6" x 6"

YOUR CHOICE

WALNUT BLACK
Cost: $4.99
Reg.: $12.90

WHITE ORANGE
Cost: $5.73

Shipping weight 6 lbs.

Olson Compact Omni-Directional Speaker System

- Full Range X-Air Speaker
- 360° Sound Dispersion
- Attractive Unique Styling
- Ideal for Bookshelf, Table, Mantel, etc.
- Compact Size: 6" x 9" x 5"
- Walnut Finish Cabinet with Contrasting Grille Cloth
- 8 Ohm Impedance
- Power Capacity to 15 Watts

Shipping weight 6 lbs.

Cost: $14.98

2 for $29

Olson Deluxe 2-Way System

Fantastic Sound Reproduction
Budget Price

- Ideal for Any Room in the House
- Hinged Pair Only
- 6 1/2" Woofer—2 1/2" Tweeter
- Oiled Walnut Finish
- Contrasting Black Finish with Metal Trim
- Convenient Screw Terminals
- Response: 50 to 16,000 Hz.
- Power Capacity 10 Watts—61/2".

Size: 11 3/4" H. x 8 3/4" W. x 9 1/2" D. Impedance 8 ohms.
Shipping weight 10 lbs.

Cost: $5.98

PAIR

Olson NEW CUSTOM DESIGN SPEAKER COMPONENTS

- Select from 8", 10" or 12"
- Choice of 2 Horn Tweeters
- For Stereo/Hi-FI, PA, Etc.

- Impedance: 8 Ohms

HORN TWEETERS
Cast aluminum construction with 20 watt music power and 120° sound dispersion angle.
Shipping wt. 4 lbs.
Cost: $3.98

Resp.: 1,000-18,000 Hz.
Size 10 1/2" W. x 11" D.

DELUXE 10" FULL RANGE
Ideal replacement in Compact Enclosures or for building your own system. Use with Horn Tweeter and Crossover Left for Great Sound Quality has 10 oz. Ceramic Magnets, Cloth Roll Cone Suspension, and High Frequency Cone Radiator. Power Capacity: 20 watts; Response: 50 to 18,000 Hz. Shipping weight 5 lbs.

Cost: $8.98

DELUXE 12" FULL RANGE
Great for large bookshelf or console systems. Has 10 oz. Ceramic Magnet, Cloth Roll Cone Suspension, and High Frequency Cone Radiator. Power Capacity: 30 watts; Response: 40 to 18,000 Hz. Shipping weight 7 lbs.

Cost: $10.98

Olson Electronics 19
SALE
8" HI-FI SPEAKER

$4.99 2 for $9
Reg. $6.49

Powerful Ceramic Magnet
Made in England
Power Capacity: 10 Watts

Walnut Finish

12" SPEAKER CABINET WITH WALNUT FINISH

$42 2 for $79

Made by Famous U.S. Manufacturer

Speaker plus cabinet:
Reg. Total $53.98
You Pay Only $45

15" SPEAKER CABINET

$11.98 2 for $21
Reg. Total $53.98
You Pay Only $45

Olson 8-Inch HI-FIDELITY SPEAKER

$11.98 2 for $21
Reg. Total $53.98
You Pay Only $45

S-966
CA-368

8" Woofers
Massive Ceramic Magnet
Built-in Crossover
Power Capacity: 8 Watts
Impedance: 8 Ohms
Shipping weight 2 lbs.

Olson 8-Inch 2-Way CO-AX SPEAKER

$18.98 2 for $33
Reg. Total $60.98
You Pay Only $51

S-969
CA-368

Hi-Compliance Suspension
Precision Die-Cast Housing
Direct Radiating Tweeter
Power Capacity: 12 Watts
Response: 40 to 12,000 Hz.
Impedance: 8 Ohms
Shipping weight 5 lbs.

Olson 12-Inch HI-FI CO-AX SPEAKER

$11.98 2 for $21
Reg. Total $53.98
You Pay Only $45

S-311
CA-368

12" Woofer and 3-Way Tweeter
Response: 30 to 12,000 Hz.
Built-in Crossover
Impedance: 8 Ohms
Shipping weight 11 lbs.

Olson 12-Inch 3-Way CO-AX SPEAKER

$28.00 2 for $47
Reg. Total $80.00
You Pay Only $61

S-970
CA-368

Compression Horn Tweeter
Tweeter Level Control
Response: 30 to 18,000 Hz.
Impedance: 8 Ohms
Power Capacity: 55 Watts
High Compliance Suspension
Stereo Pair $55
Shipping weight 11 lbs.

Olson 12-Inch Deluxe 3-Way SPEAKER

$13.98 2 for $27
Reg. Total $55.98
You Pay Only $48

S-967
CA-368

20 to 20,000 Hz.
Power Capacity: 65 Watts
Impedance: 8 Ohms
Compression Horn Tweeter
Mid-Range Radiator
High Compliance Suspension
Shipping weight 11 lbs.

Olson DELUXE DOME TWEETER

$40.00 2 for $79
Reg. Total $80.00
You Pay Only $71

S-971
CA-368

Wide Angle Dispersion
High Clarity and Brilliance to High Tones
Powerful Ceramic Magnet
Great With Any Speaker System
Response: 1.500 to 20,000 Hz
Power Capacity: 30 Watts
Impedance: 8 Ohms
Shipping weight 2 lbs.

Olson 12" SPEAKER

$16.98 2 for $29
Reg. Total $65.98
You Pay Only $49

S-968
CA-368

Full Range
High Compliance Suspension
Response: 30 to 16,000 Hz
Power Capacity: 20 Watts
Precision Die-Cast Housing
Impedance: 8 Ohms
Shipping weight 11 lbs.

Olson 5" WOOFER

$12.98 2 for $25
Reg. Total $51.98
You Pay Only $44

S-324
CA-368

Compression Horn Tweeter
Tweeter Level Control
Response: 30 to 18,000 Hz.
Impedance: 8 Ohms
Power Capacity: 30 Watts
High Compliance Suspension
Stereo Pair $55
Shipping weight 2 lbs.

Olson 3-Piece Combination

$14.00

8" HI-FI SPEAKER...

$4.98 2 for $9
Reg. Total $9.98
You Pay Only $4.98

S-846

8" Hi-Fi Speaker

$9.98 2 for $19
Reg. Total $19.98
You Pay Only $9.98

S-531

Made in England
Response: 40 to 15,000 Hz.
Power Capacity: 15 Watts
Impedance: 8 Ohms
Shipping weight 2 lbs.

Olson FAMOUS X-AIR SPEAKERS

$7.98

FAMOUS X-AIR SPEAKER

S-372

Full Range
A powerful ceramic magnet.
High compliance cone. Resp.: 40 to 16,000 Hz.
Power: 16 watts (musical).
Shipping weight 5 lbs.

CA-422

6-1/2" X-AIR SPEAKER

$7.55 2 for $15
Reg. Total $15.10
You Pay Only $7.55

S-845

Power Capacity: 30 Watts
Shipping weight 4 lbs.

W-564

5" SPEAKER CABLE

$1.98 2 for $3.96
Reg. Total $3.96
You Pay Only $1.98

S-845

Olson 3 Piece Combo

$14.00

Olson 5" WOOFER

$4.98 2 for $9
Reg. Total $9.98
You Pay Only $4.98

S-845

5" Hi-Fi Woofer

$3.98 2 for $7.96
Reg. Total $7.96
You Pay Only $3.98

S-844

Olson 2-Way Crossover

$5.98 2 for $11
Reg. Total $11.96
You Pay Only $5.98

S-846

8" HI-FI SPEAKER

$3.25 2 for $5.50
Reg. Total $6.50
You Pay Only $3.25

S-849

Speaker Enclosure Construction Book

Detailed drawings and instructions for building enclosures for the infinite-impedance reflex, horn projector, Shpg. wt. 3 lb. 3-3/4" dia.

MONTHLY PAYMENT CHART, See Page 18
**Quality Replacement Speakers**

*SAVE! When Buying in Quantity*

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**Shipping weight above 2 lb.**

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**Shipping weight above 3 lb.**

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**Shipping weight above 4 lb.**

**Poly-planar Wafer-Type Speakers**

*Wide Range • Rugged • Hi Power • Super Thin • Weatherproof*

**Do It Yourself ... Turn On Your Table • Door • Wall**

**Model P20**

1-9/16" Thin

- Meets Extremes of Shock and Vibration
- Easily Incorporated Into Present Equipment
- May be Baffled or Unbaffled

Shipping weight 2 lbs. $10.95

**Model 13/16" Wafer Thin Construction**

- Completely Waterproof
- Replace Conventional Cone Speakers
- Resp.: 60 to 20,000 Hz.
- Power Cap.: 5 watts
- Impedance: 8 ohms
- Sizes: 9¼" x 4½" x 8¼". Shipping weight 1 lb. $59.95

**8" Round Wafer Type Speaker**

- Replaces Conventional Cone Speakers
- Water Resistant—Tapered 7?"O.D. Wafer-Thin — Only 1.05" Thick
- Frequency Response: 40 to 20K Hz.
- Standard 3" Mounting
- Hi-Directional Radiation
- Impedance: 8 ohms

Shipping weight 1 lb. $89.95
**SALE**

**Deluxe 5” PM Speakers**
- Made in England for World's Finest Motor Car
- Replaces Standard 5” x 7” Speakers
- Magnet Weight: 2.25 oz.
- 4 Ohm Imp.
- Power: 8 Watts
- Shipping weight: 8 lbs.

Reg. $5.98

**S-44**

$4.99

**SALE**

**Deluxe 5” x 8” PM Speaker**
- Matched Pair for Stereo
- Beautiful Chrome Finish
- Powerful Ceramic Magnets
- Heavy duty speakers handle more power without distortion and extend the frequency range over original equipment speakers.

Reg. $7.98

**S-34**

$9.99

---

**Olson Replacement Speakers**

- Transistor & Table Radios
- Portable Recorders & Phonos

**Your Choice**
- **46¢ EA.**
  - Lots of 100

**69¢ EA.**
- Lots of 100

- **3½” Tweeter**
  - Range to 12,000 Hz
  - Extends Range of Most 8-12” Speakers
  - Impedance: 8 Ohms
  - Aluminum V-Mount
  - Shipping weight: 1 lb.
  - Deluxe 5¼” Tweeter
  - Range to 15,000 Hz, 8 Ohm Imp.
  - Shipping weight: 2 lbs.

**S-88**

$1.99

**S-96**

$4.98

---

**Olson 8-Inch Speaker System**
- Range: 50-10,000 Hz
- Impedance: 8 Ohms
- Shipping weight: 4 lbs.

**CA-136**

$6.98

**Olson 8” Speaker Separately**

$2.29

---

**Ultra Slim” 12” PM Speaker**
- Cone Edge Treated for Flexibility
- Powerful Ceramic Magnet
- Full Range Response
- Ideal for Fitting Between Wall Studs
- Only 2½” Thin
- Impedance: 8 Ohms
- Shipping weight: 4 lbs.

**S-79**

$6.98

---

**Sweet Sixteen” 5” Speakers**
- Big Speaker Sound at Small Speaker Price

Kit contains 16 Heavy Duty 5” p.m. speakers. Each kit contains diagrams on the construction of this excellent Multiple Speaker System. Shipping weight 6½ lbs.

**AS-936**

$18.99

---

**Speaker Cable**
- 50 ft. Spool
- Gray Vinyl Jacket
- Color-Coded Wires
- Ship wt. ½ lb.

**W-564**

$11.99

**Crossover Capacitors**
- Crossover Frequency 2½ mfd.
- Ideal for crossover in two or three speaker systems.

**C-309**

$1.98

2 for $3.20

---

22 Olson Electronics
**ADAPTER PLUG**
Connects standard ¼" plug to mini-phone plugs. $1.59 6" dia. Dia. of tip is 0.7 mm. Ships w/ 14" shielded cable. 
3 Kits for $3.60 $1.59

**Stereo Wall Jack**
No. HF-23 3 for $1.49 Two ¼" jacks mounted on a standard wall plate. Two ¼" phone plugs are included. Ivory finish. Size: 2¼" x 2½". Shielded cable. Wt. ¾ lb.

**MINI SP K E A L S**
No. HF-153 $1.59 Pkg. of 2 
Commonly used on European tape recorders and radios. Has one flat pin and one round pin. Size: ½" dia. x 2 ½" L. Ships w/ ¾ lb.

**O]N. SPEAKER PLUG**
No. HF-153 $1.59 Pkg. of 2 
Commonly used on European tape recorders and radios. Has one flat pin and one round pin. Size: ½" dia. x 2 ½" L. Ships w/ ¾ lb.

**MINI POWER PLUG AND JACK**
With mini-phones plugged into ¼" jack, plug will pass 2½" dia. with ¾" dia. barrel. ships w/ ¾ lb. 9¼" mtr. center. Shpr w/ ¾ lb.

**PUSH BUTTON TERMINALS**
No. HF-170 $1.19 4 for $4.00 
Ideal for Speaker Cabinets
Package of two Belkite terminal strips with one red and one black terminal on each. Ship. weight ½ lb.

**JUNCTION BOX**
No. PL-152 $1.19 4 for $4.00 
Contains two closed circuit jacks for mini-phone plug and phone plug. Size: 1½" dia. x 1¼". Weight ½ lb.

**PLUGS AND JACKS**
4 FOR $5 
Shipping weight ¾ lb.

* 3 Circuit and 5 Circuit
* 1 Plug and 5 Jack Per Pkg.
* 3 Circuit HF-23 $1.69 4 for $5.77 
Genuine D.I.N. Audio Plugs and Jacks are completely shielded and insulated.

**PHONE PLUGS NO. K-253**
Plugs into ¼" phone jack. Pkg. of 4

**3 Circuit ¼" Plugs Pkg. of 3**
For mobiles and stereo headphones. Standard ¼" dia. barrel. PL-166

**SHIELDED PHONE PLUGS KIT of 2**
No. HF-10 
Potted metal barrel. Screw terminal. 1/14" barrel. ½" dia. x ½".

**SHIELDED ADAPTER KIT HF-141**
* 3 Cat. ¼" Plug to 2 Cat. ¼" 
* Metal Construction
* Adapter Stereo Headphones for Mono

**PHONE JACKS & KITS**
* ¼" Phone Jacks Kit of 5  
  No. HF-6 
  Open and closed circuit.

**3-CIRCUIT PHONE JACKS**
* Pkgs. of 3 
  No. HF-89 
  Standard 3-circuit ¼" phone plug.

**INLINE ¼" JACKS**
* Standard 2-Circuit 
  For Cable Mounting
  Pkg. of 2

**3 CIRCUIT ¼" INLINE JACKS**
* Pkgs. of 3 
  No. HF-95 
  Ship. weight ½ lb.

**PHONE PIN PLUGS OF 5**
No. HF-21 
All metal. Size: ½" dia. x 1½" long.

**PHONE PIN JACKS KIT of 6**
No. HF-5 
Mount on single ¼" hole. Plated. Size: ½" x ½".

**CABLE KIT Olson HF-143**
* Includes 3 6 ft. Cables + Cable #2 "Mini" Phone to Tinned Leads + Cable #2 "Micro" Phone to Tinned Leads + Microphone Telephone "Invert" "Mini" Phone to Leads.

**ADAPTER PLUG HF-142**
* 3 Ass't Types: ¼" Phone to Micro-Filg * Micro-Filg * Micro to Mini Plug

**ADAPTER PLUG KIT**
* Pkg. of 2

**PHOEN PHONE ADAPTERS**
* Kit of 3

**DUAL INLINE JACKS KIT of 4**
No. HF-9 
Dual inline phone jacks. Size: ½" dia. x 1½" long.

**PHONE PLUGS & JACKS**
* Kit of 10 Pair No. HF-24
  RCA type. Dual mount on end of shielded cable. Round type chassis mounting jacks.

**UNIVERSAL CABLE KIT**
* Pkg. of 1
  Includes phone and phone type plugs plus clips. Ship. wt. ½ lb.

**ADAPTOR PLUG**
- ¼" Phone Plugs KIT of 5 
  No. HF-6 
  Open and closed circuit.

**PHONE PLUGS & JACKS**
* Kit of 3 
  RCA, Dual RCA, 6 ft. Shielded Cable
  * 3 Pin Din Plug
  * Dual RCA Type Phone Plug
  * 6 ft. Shielded Cable
  $2.19

**12 FT. AUDIO PATCH CABLE**
No. HF-79 
has mini-phone plug on one end and RCA phone plug on the other.

**UNIVERSAL CABLE KIT**
* Per Kit
  * Includes phone and phone type plugs plus clips. Ship. wt. ½ lb.

**ADAPTER PLUG**
* 4 in 1 ADAPTER PLUG
  4 for $4
  Has 3.5 mm (Mini) plug, 2.5 mm (Micro) plug, and 0.9 mm (Phone) plug. Extra long 2.5 mm inverted power plug. Ship. wt. ¼ lb.

**MICROPHONE ADAPTER PLUG**
* No. HF-94 
  60 ft.

**MICROPHONE ADAPTER PLUG**
* Has ½" phone plug receptacle on rear. Fits onto standard amphibnet type phone jack. Ship. wt. ¼ lb.

**PHONES FOR 4" PLUGS**
* No. HF-59 
  4 for $4.00

**PHONE PLUGS**
* Color Coded, Pkg. of 5
  * HF-123 
  * 4 for $4.00
  * Insulated caps are coded to size. 1" L. ¼" D. Shipping weight ½ lb.

**PHONE PLUGS & JACKS**
* Standard 3-Circuit ¼" phone plug.

**PHONE PLUGS & JACKS**
* 4 for $4
  * Has 0.9 mm (Mini) plug, 2.5 mm (Micro) plug, and 2.5 mm inverted power plug. Ship. wt. ¼ lb.

**PHONES FOR 4" PLUGS**
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  4 for $4.00

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* Color Coded, Pkg. of 5
  * HF-123 
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* 4 for $4
  * Has 0.9 mm (Mini) plug, 2.5 mm (Micro) plug, and 2.5 mm inverted power plug. Ship. wt. ¼ lb.
STEREOPHONES
DO YOUR EARS A FAVOR!
★ Comfortable ★ Private ★ Convenient

SAVE!
Only $2
with the purchase of any stereophones below $2.99 Separately

DELUXE STEREO PHONE CARRYING CASE
★ Foam Lined ★ Walnut Vinyl Covered ★ Protect Your Phones
Shipping wt. 3 lbs.

Olson


PH-177
$799

B ★ Soft Padded Ear Cushions ★ Response: 20 to 15,000 Hz. ★ Impedance: 4 to 16 Ohms ★ 6 Ft. Cord W/Standard 1/4” Stereo Plug Shipping Weight: 3 lbs.

PH-140
$14

C ★ Individual Volume Controls ★ Padded for Extra Comfort ★ Response: 30 to 15,000 Hz ★ Impedance: 8 Ohms ★ 7 Ft. Cord W/Standard 1/4” Stereo Plug Shipping Weight: 3 1/2 lbs.

PH-82
$16

D ★ Molded Acoustic Chambers for Wide Range Response ★ Built-In Volume Controls ★ 10 Ft. Retractable Cord with Standard 1/4” Stereo Plug ★ Response: 15 to 23,000 Hz ★ Air Filled Ear Cushions ★ Padded Headband ★ Impedance: 8-16 Ohms Shipping Weight: 3 lbs.

PH-174
$20

E ★ Fatigue Free Listening ★ Soft Air Filled Cushions ★ Response: 15 to 25,000 Hz ★ Impedance: 4 to 16 Ohms ★ Equipped W/Standard 1/4” Stereo Plug Shipping Weight: 3 lbs.

PH-173
$25

F ★ Lightweight and Comfortable ★ Extra Soft Padded Ear Cushions and Headband ★ Give Added Comfort ★ Easy-Set Slide Volume Controls ★ Two Large Wide Range Elements ★ Sturdy Adjustable Headband ★ Response: 15 to 30,000 Hz ★ Removable Ear Cushions for Easy Cleaning ★ Impedance: 8 Ohms ★ Attractive Reusable Storage Box ★ 7 Ft. Flexible Cord with 1/4” Stereo Plug Shipping Weight: 3 lbs.

PH-192
$30

KOSS

SP3XC
★ 8 ft. retractable cord ★ Standard stereo plug ★ Response: 30 to 15,000 Hz. ★ Impedance: 4 Ohms ★ Shipping weight: 4% lbs.

PH-30
$19.95

H PRO-44A
★ Smooth fatigue-free response ★ Truly a professional headphone ★ Super comfortable ear cushions and headband ★ 10” retractable cord ★ Response: 10-20,000 Hz ★ Impedance: 4-16 ohms ★ Shipping weight: 2 lbs.

PH-193
$60

F ESP-6 ELECTROSTATIC
★ Impedance adapter included ★ Wider range response than the best loudspeaker system ★ Electrostatic drivers ★ Dynamic level indicator ★ Complete with carrying case ★ Shipping weight: 2 lbs.

PH-153
$95

24 Olson Electronics

MONTHLY PAYMENT CHART, See Page 18
STEREOPHONE ACCESSORIES

Olson Stereo Junction Box
Connects 1 or 2 Stereo Phone
PH-194 $4.99

- Use Speakers & Headphones
- Separate Right & Left Volume Controls
- Standard Stereo Plug & Jack
- Standard Mono Plug & Jack

Speaker Volume Control
8 Ohms
HF-44 $1.98
3 for $5.70
For use with any speaker to provide separate and independent control of speaker volume. 80 watts. Shipping weight 3 lb.
STEREO LEVEL CONTROL
Dual 0 ohm controls mounted on one panel, individual knobs.
No. HF-46 $2.49

Olson Control Center
PH-146 $3.98

- 6 Ft. Cable
- Separate Right & Left Volume Controls
- Standard Stereo Plug & Jack
- Standard Mono Plug & Jack

Olson 2 in 1 Adapter
HF-162 $1.98
For connecting two stereo headsets to one output. Adapter has two std. stereo 1/4" jack on one end, leads attached to one std. stereo 1/4" plug. Shipping weight 1 lb.

Vinyl Carrying Cases
CA-369 $8.98

- cameras, Precision Tools, Mikes
- Tape Recording Accessories, etc.
- Filled with Polyfoam

GIBBS "Reverb" Amplifier
Use with amplifier or receiver with 3-way speaker selector (main-remote-bath) such as RA-390 (see Pg. 2)
Add depth and dimension to any room with this beautiful Gibbs "Reverb" Amplifier. One 5" x 7" speaker. Very popular item. Shipping weight 8 lbs.
Size: 19" x 8 1/2" x 4 1/2". 110-240 volts AC. 60 watts. Shipping weight 9 lbs.

Olson 4 Piece Stereo System
Ideal for Bookshelf, Rec Room, Kids Room, Etc.
Compact Modern Styling
BSR 4-Speed Changer
Powerful Solid State Amplifier
Stereo Headphone Jack
Separate Volume Controls
Plus Tone Control

"Teenage" Roll About Stereo System — at Just the Right Price
A great system that the kids can roll around to any room or to any party at a price that can afford. Just think Dad...now you can have your expensive system all to yourself.
System features 4 Piece Stereo System (above) and a handsome roll about cart. (CA-497).

SALE

Olson Reverberation Amplifier/Speaker
RA-75 $44.99
Reg. $22.99

- Build-in Volume Control on Satellite
- Use With Radio, TV, Phones, Etc.
- 8 Hi-Fidelity Speaker
- Walnut Finished Wood Cabinet
- Easy Installation
- 110-120 V. 60 Hz.

Shipping weight 13 lbs.

Wireless Satellite Speaker System
Operates Wherever You Have an Electrical Outlet

- Built-in Volume Control on Satellite
- Use With Radio, TV, Phones, Etc.
- 8" Hi-Fidelity Speaker
- Walnut Finished Wood Cabinet
- Easy Installation
- 110-120 V. 60 Hz.

Shipping weight 13 lbs.

Connect transmitter to Your Hi-Fi or Stereo

"Teenage" Roll About Stereo System — at Just the Right Price
A great system that the kids can roll around to any room, to any party at a price that can afford. Just think Dad...now you can have your expensive system all to yourself.
System features 4 Piece Stereo System (above) and a handsome roll about cart (CA-497).

Gibbs "Reverb" Amplifier
Use with amplifier or receiver with 3-way speaker selector (main-remote-bath) such as RA-390 (see Pg. 2)
Add depth and dimension to any room with this beautiful Gibbs "Reverb" Amplifier. One 5" x 7" speaker. Very popular item. Shipping weight 8 lbs.
Size: 19" x 8 1/2" x 4 1/2". 110-240 volts AC. 60 watts. Shipping weight 9 lbs.

"Teenage" Roll About Stereo System — at Just the Right Price
A great system that the kids can roll around to any room or to any party at a price that can afford. Just think Dad...now you can have your expensive system all to yourself.
System features 4 Piece Stereo System (above) and a handsome roll about cart (CA-497).

"Teenage" Roll About Stereo System — at Just the Right Price
A great system that the kids can roll around to any room, to any party at a price that can afford. Just think Dad...now you can have your expensive system all to yourself.
System features 4 Piece Stereo System (above) and a handsome roll about cart (CA-497).

"Teenage" Roll About Stereo System — at Just the Right Price
A great system that the kids can roll around to any room, to any party at a price that can afford. Just think Dad...now you can have your expensive system all to yourself.
System features 4 Piece Stereo System (above) and a handsome roll about cart (CA-497).

"Teenage" Roll About Stereo System — at Just the Right Price
A great system that the kids can roll around to any room or to any party at a price that can afford. Just think Dad...now you can have your expensive system all to yourself.
System features 4 Piece Stereo System (above) and a handsome roll about cart (CA-497).

"Teenage" Roll About Stereo System — at Just the Right Price
A great system that the kids can roll around to any room or to any party at a price that can afford. Just think Dad...now you can have your expensive system all to yourself.
System features 4 Piece Stereo System (above) and a handsome roll about cart (CA-497).
X-10 Automatic/Manual Record Changer Module

Olson RP-382

$52.50
$10 Monthly

Made in England

- Completely Mounted Ready to Operate
- Includes Ceramic Stereo Cartridge
- Flip-over Diamond Stylus
- Pencil-thin Tubular Tonearm
- Cueing and Pause Control
- Oversize Turntable
- Three Position Dust Cover
- Coordinated Base
- Designed for Use with Radios, TV Sets, Tape Recorders, Etc.
- Manual & Automatic Spindles Included

Specifications:
- 7 1/4" x 10 1/2" x 11 1/2", 110-120 V AC, 60 Hz. Shipping weight: 12 lbs.

SLX-2 Automatic/Manual Record Changer Module

Olson RP-377

$69.50
$10 Monthly

Made in England

- New Simplified Speed-and-Size Selector
- Garrard Synchro-Lab Motor
- Three Position Dust Cover
- Precision Balanced Turntable
- Cueing & Pause Control

Module SLX-2 comes with a diamond stylus magnetic cartridge. A superb instrument for flawless performance, built throughout to Garrard's exacting standards.

Specifications:
- Sped: 33 1/2, 45 and 78 rpm
- 110-125 volts, 60 cycles AC
- Dimensions: (turntable on base): 15" left to right, 19 1/4" front to back, 7 1/4" high. Shpg. wt: 14 lbs.

A GREAT GIFT FOR

Garrard

SL55B Automatic/Manual Record Changer

Olson RP-388

$59.50
$10 Monthly

Made in England

- With Synchro-Lab (tm) Synchronizer Motor
- 3 Speeds
- Counterbalanced Tone Arm
- Built-In Stylus Adjustment
- Cuing and Pause Control
- Operates on 110-120 V, AC, 60 cps.

Specifications:
- Mounting Base, CA-396: $5.50
- Deluxe Walnut Wood Mfg., Base, CA-430: $19.95
- Molded Plastic Dust Cover, CA-398: $5.50
- 45 RPM Adapter Spindle, RP-335: $3.80
- "Power-Matic" base, turns off amplifier when last record has played: CA-336: $14.95

SL55B Changer and your choice:
- Shure M55E or Pickering V15/AC3 Cartridge: AS-319 $59.95
- SL55B Changer and your choice, Empire 999/5 or Pickering V15/ATE3: AS-320 $64.95

Look What I Buys!

Your Choice With Garrard

SL55B SL65B

See Below

Pickering

M55E

V15/AC3

STEREO ELLIPTICAL CARTRIDGE

$29.95 Value Separately

Olson RP-389

$79.50
$10 Monthly

Made in England

- With Synchronous Motor
- 3 Speeds
- Cueing and Pause Control
- Anti-Skating Control
- Balanced Arm
- Stylus Adjustment Gauge

- SL65B Changer and your choice, Shure M55E or Pickering V15/ACE-3: AS-317 $79.95
- SL65B Changer and your choice, Empire 999/5 or Pickering V15/ATE3 or Shure M93E Cartridge: AS-318 $84.50
- Molded Plastic Dust Cover, CA-396: $5.50
- 45 RPM Adapter Spindle, RP-335: $3.80
- "Power-Matic" Base, CA-336 $14.95

MONTHLY PAYMENT CHART, See Page 18
SLX-3 AUTOMATIC/MANUAL RECORD CHANGER MODULE

Olson RP-394

$99.50

$10 MONTHLY

Ready to Plug and Play
Synchro-Lab Motor
Record Safety Platform
Viscous Damped Arm SetDown
Viscous Damped Cuing
Sliding, Weight Anti-Skating Control
Stylus Adjustment With Window Scale
Ultra Low Mass Tubular Tonearm
World Famous Magnetic Cartridge
Elliptical Diamond Stylus
Installed on Base With Dust Cover
3 Speeds: 33, 45, and 78 RPM
Includes Manual & Automatic Spindles

110-120 V, AC, 60 c.p.s. Size: 15" W. x 14 1/4" D. x 8 1/8" H. Shpg. wt: 15 lbs.

SL72B 3-SPD AUTOMATIC/MANUAL TURNTABLE/CHANGER

Olson RP-390

$89.50

$10 MONTHLY

Minimum Cabinet Dimensions 15" W. x 14 1/4" D. x 8 1/8" H. (Above Board)
Operates on 110-120 volts AC, 60 c.p.s. Shpg. wt: 15 lbs.

SL95B AUTOMATIC/MANUAL RECORD CHANGER

Olson RP-392

$129.50

$10 MONTHLY

Minimum Cabinet Dimensions 15" W. x 14 1/4" D. x 8 1/8" H. (Above Board)
Operates on 110-120 volts AC, 60 c.p.s. Shpg. wt: 15 lbs.

AUTOMATIC and MANUAL RECORD CHANGERS

DAD, MOM OR GRAD

Look What I Buy!

Your Choice With Garrard

SL-72B SL-95B See Below

EMPIRE PICKERING SHURE

999E/X VISATE-3 M93E

STEREO ELLIPTICAL CARTRIDGE $39.50 Value Separately

Deluxe Walnut Wood Base, CA-431 $19.95
Molded Dust Cover, CA-399 $6.50
45 RPM Adapter Spindle, RP-356 $3.80
SL72B Changer and your choice, Empire 999E/X, Shure M93E or Pickering V15/ATE-3 Cartridge, AS-328 $89.51
SL72B Changer and your choice, Empire 999E/X, Shure M93E or Pickering XV15/AME Cartridge, AS-329 $94.50

* MONTHLY PAYMENT CHART, See Page 18

Olson Electronics 27
2c SALE...  
BUY NOW and SAVE $7.94

Deluxe 4-Speed Stereo Changer

Made in England

Order No. AS-57

All For $30

Deluxe 4-Speed Stereo Changers

Automatic
- Spring Suspension
- Stereo Cartridge
- New Nylon Motor Suspension
- 1/4" Dia. Turntable
- Size: 13" x 8" x 11.1/2"
- 150-120 Volts AC, 60 cps.
- 4 Speeds: 16-33-45 and 78 RPM
- Shipping weight 10 lbs.

Garrard Auto/Manual

Model 30

Cocoon complete with its own ceramic, diamond stylus cartridge, 1-piece cast aluminum tonearm, easy-to-use stylus pressure adjustment, 4-speed infinitely variable speed, Garrard-bolt motor, two spindles, super-sensitive trip with Dupont Derlin®, Site: 14 1/2" W x 11 1/2" H x 5" D, 2 1/2" above motor board, 150-120 Volts AC, 60 cps. Shipping weight 10 lbs.

Garrard Auto/Manual

X-11 "Demo" Module

Compact Design, Ideal for Bookshelf
- Professional Aluminum Tone Arm
- High Quality, Stereo Ceramic Cartridge
- Automatic or Manual Operation
- Power-Surge Hi-Torque Motor
- Advanced Errorproof Mechanism

Record Kleener Cloth

4-Speed Turntable

Anti-Static Spray & Cleaner

4-Speed Turntable

Olson Diamond Needles

DIAMOND NEEDLES | YOUR CHOICE $2.49

Diamond Dual Tip
- Diamond LP
- Sapphire 78
- For GE C-500

DIAMOND NEEDLES | YOUR CHOICE $2.49

Stereo Dual Tip
- Diamond LP
- Sapphire 78
- For GE C-500

Monaural Diamond LP

13" Phonograph

Slides

Silicone-treated, Eliminates static charges. Also lubricates. Shipping weight 1/2 lb.

28 Olson Electronics
High Output Crystal & Ceramic Cartridges

A VARCO TN-02 STEREO *
Includes sapphire dual point stylus. Output: .6v. Tracking force 8 gr. 
Price: $2.49

B VARCO ST-2X STEREO *
Two sapphire needles. Mounting bracket has std. 1/4" mtg. centers. Output: 1v Tracking force 8 gr. 
Price: $2.98

C VARCO TO-5V MONO *
Turnover cartridge with two sapphire needles. Mtg. bracket has 1/4" mtg. centers. 5.6v. Output: 1v Tracking force 8 gr. 
Price: $1.79

D VARCO ST-2V STEREO *
Includes two sapphire needles and universal mounting bracket. Output: 1v Tracking force 6 gr. 
Price: $2.98

E VARCO TM-3 MONO *
Includes sapphire dual point stylus. Output: .6v. Tracking force 8 gr. 
Price: $2.49

F RONETTE 106 STEREO
Turnover type. Mono monaural. Output: 1.5 volts. Resp.: 50 to 11,000 Hz. 
No. PC-70 Price: $2.99

G ELECTRO VOICE 26 STEREO
Ceramic element. Sapphire stylus. 0.5 volts output. 20-20,000 Hz. response: 6 gr. tracking. 
Shipping wt: 3/4 lb. 
Price: $4.96

H ELECTRO VOICE 13-D STEREO
Ceramic element. Diamond stylus. 0.5 volts output. Response: 20-20,000 Hz. 
6 gr. tracking force. Shipping weight 3/4 lb. 
Price: $5.37

I REPLACES SONOTONE 8TA4-SD
With Diamond Stylus 
Price: $7.64

J REPLACES SONOTONE 8TA4-SD
With Diamond Stylus 
Price: $7.64

K GARRARD REPLACEMENT by Electro Voice
Model 30 changers. Diamond stylus. 
Price: $4.69

L Used in BSR, VM, Maestro, GE, and Garrard Changers

SOILD STATE
PRE-AMPLIFIER

* Adapts Magnetic Phono Cartridge Tape Deck or Mike to Amplifier with Hi-Level Inputs. 
Response: 30 to 20,000 Hz. 
Operates on 9 Volt Battery 
Equalization: RIAA
Price: $4.98

Varco Mono Phono Arm

* Turnover Crystal Cartridge 
Two Saphire Needles 
3 Volt, High Output 
Modern Styling 
Shipping weight 3/4 lb.

MONOURAL PHONO ARM

Price: $1.59

* Outside: 3 for $5.77
* Inside: 3 for $4.60

Olson Electronics

PICKERING MAGNETIC PHONO CARTRIDGES

NOTE: If your amplifier or receiver does not have preamplifiers, you must use our Pickering (see below) pre-amplifiers with the wide range cartridge below.

EMPIRE PICKERING

A EMPIRE 90E/E X STEREO
Built-in Stylus Guard 
Magnetic mono/stereo cartridge with Elliptical diamond stylus. Response: 10 to 20,000 Hz. 
Channel separation: more than 80 db. 1/2" mounting center. 
No. PC-187 Price: $4.95
No. PC-188 999E/E X Elliptical $4.95
No. PC-189 999VE/E Elliptical $7.95

B PICKERING P/ATE STEREO
Magnetic Cartridge 
Response: ± 2 DB 20-20,000 Hz. 
Channel separation 80 DB. Tracking force 3-4 grams. Output 5-9 MV per channel .1 mil. dia. stylus. 
No. PC-170 Price: $2.95
No. PC-148 95/ACE-3 Elliptical $2.95
No. PC-149 95/ACE-13 Elliptical $3.95
No. PC-150 95/AME Elliptical $4.95

SHURE MM-4 STEREO

Separation: 25 db. at 1,000 Hz. 
Response: 20-20,000 cps. Recommended load: 47,000 ohms. 
Tracking force: 1/2 to 3 grams, 3/5 mil. mounting centers. 
Price: $24.95

BOTH FOR $16.99

Olsom STEREO PRE-AMP

Price: $8.98

Pickering STEREO CARTRIDGE

Price: $8.99

Model PAC

* Magnetic for Utmost Response 
* Response: 20 to 15,000 Hz. 
* Diamond Stylus 
* 1/2" Mounting Centers

Olson Electronics
**SAVE 40%**

Olson Tape Library Kit

Only $1260 with Purchase of RA-275 (Right)

- Individual catalog price $21.07
- Includes 12 Blank Cassettes
- 3-30 Min., 3-60 Min., 3-90 Min.
- Walnut Vinyl Covered Storage Rack

Shpg. wt. 5 lbs.

**CASSETTE RECORDERS**

**GOOD**

Mirovac DELUXE PORTABLE CASSETTE RECORDER

- Operates on Battery or House Current
- Ideal for school, office, home, etc.
- Push Button Control Panel
- Convenient Digital Counter w/Reset
- Record Level Meter
- Variable Tone Control
- Durable Hi-Impact Case
- Includes dynamic Remote Control, blank Cassette and Earphone. Size: 10½" x 13½" x 4 1/4". Operates on 110-120 volts AC, 60 Hz. and 4 1/2" sine batteries. Shpg. wt. 6 lbs.

Shpg. wt. 4 lbs.

**CASSETTE Recorder**

- Solid state circuitry. Features fast forward and rewind. Ideal for home, office and school use. Includes hand mike with remote control switch, earphone and carrying strap or handle. Size: 4 ½" W. x 9" L. x 2 ½" D. Shipping weight 4 lbs.

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Shpg. wt. 4 lbs.

**CASSETTE Recorder**

- Operates on Battery or House Current
- Remote Control Dynamic Mike
- Push Button Control
- Includes: Batteries, C-60 Cassette, Mike and Carrying Case
- Automatic Record Volume Control
- Recording Battery Life Light
- Shipping weight 5 lbs.

**CASSETTE Recorder**

- Operates on Battery or House Current
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- Push Button Control
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- Recording Battery Life Light
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- Push Button Control
- Includes: Batteries, C-60 Cassette, Mike and Carrying Case
- Automatic Record Volume Control
- Recording Battery Life Light
- Shipping weight 5 lbs.
CASSETTE ACCESSORIES

BEST

AMPEX

Features new low noise full response tape for high-quality reproduction. Ships wt. 1/4 lb.

- TA-596 30 Min. 4 for $7.40 $1.98
- TA-597 60 Min. 4 for $8.10 $2.22
- TA-598 90 Min. 4 for $10.00 $3.49
- TA-599 120 Min. 4 for $10.50 $3.98

AMPEX CASSETTE LIBRARY System TA-602 $9.98

MEMOREX "CHROMIUM DIOXIDE"

60 MIN CASSETTE TAPE

GIVES EXTENDED FREQUENCY RANGE

- Ideal for All Dual Bias & Dolby System Cassettes
- Low Noise - High Output Chromium Dioxide, the most revolutionary hi fidelity recording medium. You can obtain recordings without the inherent noise of older cassette tapes with the dynamic range of your finest long playing records. Memorex Cassettes In standard recorders increases the high frequency response. Shipping weight 1/4 lb.

- TA-603 30 Min. 10 @ $8.99 ea. $89 ea.
- TA-604 60 Min. 10 @ $17.99 ea. $179 ea.
- TA-605 90 Min. 10 @ $19.99 ea. $199 ea.
- TA-606 120 Min. 10 @ $20.99 ea. $209 ea.

BEST BUY! CASSETTE TAPES

In lots of 10

- Blank for Mono or Stereo
- 30 Minutes No. TA-594 79c ea. 10 @ 69c ea.
- 60 Minutes No. TA-159 99c ea. 10 @ 89c ea.
- 90 Minutes No. TA-466 1.99 ea. 10 @ 1.89 ea.
- 120 Minutes No. TA-890 5.69 ea. 10 @ 2.49 ea.

SALE

CASSETTE RACK

For Storage or Carrying
- Holds 20 Cassettes Per Tray
- Unique Lock Keeps Tape Secure
- Rugged Vinyl Construction
- Includes Two Storage Trays, One Lock and One Slide Cover

Shipping weight 3 lbs.

- TA-803 $3.98
- CA-450 $3.98

DE LUXE CASSETTE CASE

Attractive Vinyl Plush Interior
- Alligator Vinyl-Covered Exterior
- Plastic Hinged with Key
- Holds 40 Cassettes Size: 10 1/2" x 7 1/4" H.

Shipping weight 4 lbs.

- TA-412 Reg. $7.98 $5.99
- CA-436 $1.69

CASSETTE STORAGE CABINET

Holds 36 Cassettes Attractive Sliding Slvane Doors
- Handsome Walnut Finish Size: 21" x 4" x 7 1/2" H.

Shipping weight 5 lbs.

- TA-444 $14.98

CASSETTE HEAD CLEANER

For All Standard Cassette Recorders
- Shipping weight 1/4 lb.

- TA-533 $1.69
- CA-877 $1.98

AMPEX CASSETTE CLEANING- DEMAGNETIZING TAPE

Protect Your Valuable Equipment
- Keeps Recording Heads Like New Longer
- Cleans and Demagnetizes In Seconds by Just Using As a Standard Cartridge
- Safe No Messy Solutions or Electrical Connections
- For All Standard Cassette Recorders
- Prevents Distortion and Volume Loss
- Includes Plastic Storage Box

Shipping weight 1/4 lb.

- TA-172 $4.95

SALE

HI-FIDELITY EXTENSION SPEAKER

- Easy Installation
- Walnut Enclosure
- 5 Watt Capacity
Size: 8 1/2" x 9" x 3 3/4", Shipping weight 3 1/2 lbs.

- S-53 $5.50
- With Cassette Recorder Separately $9.98

CASSETTE AM RADIO TUNER

- Plays Through Your Cassette Recorder
- Solid State Circuit
- Same Size as Standard Cassette Cartridge
- Use for Your 8 Track Cartridge
- 10" x 4 1/2" x 2 1/2", Shipping weight 3 1/2 lbs.

- RA-171 Reg. $4.98 $4.99

CASSETTE TAPE STARTER KIT

"Mixit Special!"
- Includes Attractive Walnut Covered Storage Rack
- 12 Blank Cassette Tapes 4-50 Min. 4-60 Min. 4-90 Min.
- 1 Cassette Storage Box Included
- Anchor Bands Vertically or Horizontally
- Ideal Tape Library Starter Kit For Home, School, etc.

- AS-144 Reg. $16.98 $5.99

* MONTHLY PAYMENT CHART, See Page 18

Olson Electronics 31
Stereo Tape Decks
Increase Your Listening Pleasure...

AIWA
COMPLETE PORTABLE STEREO RECORDER

Model TP-1012
RA-72
$16 Monthly

- Take Your Favorite Music With You to the Beach, Picnics, Parties, and Even In the Car
- Operates On Batteries Or House Current
- 7" Reel Capacity

Now from Aiwa comes a complete stereo recorder that offers features galore. In addition to it being completely portable it plays and records 4 track stereo or mono, has two built-in, wide range speakers, powerful solid state amplifier and includes two dynamic mikes with stands. Features 3 speed operation, a direct counter with reset, separate control for volume and tone, dual Vu-meters, stereo headphones jack, automatic shut-off. Plus an instant pause control. Response: 50 to 16,000 Hz. Size: 19 1/2" H. x 12 1/2" W. x 7 1/4" D. Operates on 110-120 volts AC, 60 Hz. and 8 "D" Cell batteries (included). Shipping weight 19 lbs.

PROFESSIONAL 4-TRACK STEREO TAPE DECKS

CONCORD

Model Mark II
RA-373
$160 Monthly
Was $199.79 in 271 Cat.

- Plays and Records Through Your Stereo System
- Beautiful Walnut Base Included

The Concord Mark II is truly a professional deck but is functional and easy to operate. Its hysteresis synchronous motor assures you of a constant speed which will produce a perfect tape every time. You can record sound-on-sound plus add an echo effect to your tape. Has 8 long life heads, 3 speeds, 2 Vu-Meters and a 4 digit tape counter with reset. Size: 13" H. x 18 1/2" W. x 6" D. Operates on 110-120 volts AC, 60 Hz. Shipping weight 27 lbs.

CONCORD

Model Mark IV
RA-374
$150 Monthly
Was $299.50 in 271 Cat.

- Automatic Reversing-Records and Plays In Both Directions
- Stylish Addition To Any Stereo System

The Concord Mark IV was designed to offer you luxury and convenience in life. Now you can enjoy up to 10 hours of your favorite music in your chair. It's advanced solid state electronics give you many enjoyable listening hours. Features four extra long life heads, 3 speeds, automatic tape lifter, tape or source monitoring, sound-on-sound and echo effect recording, two large Vu-Meters, slider-type record level controls and stereo headphone jack. Includes beautiful walnut base and dust cover. Size: 13" H. x 18 1/2" W. x 6" D. Operates on 110-120 volts AC, 60 Hz. Shipping weight 36 lbs.

AMPEX

Model 785A
RA-375
$150 Monthly

- Vertical or Horizontal Operation
- Records and Plays Through Your System

The well established Ampex quality is evident with your first glance of this unit. Three extra long life heads ensure you of many enjoyable hours of use plus enables monitoring of tape to insure a perfect recording everytime. Features sound-on-sound, sound-with-sound plus echo effect, hysteresis synchronous motor, dual capstan drive for constant speed operation, 3 speeds, dual Vu-meter, pause control and beautiful walnut base. Size: 13" x 15 1/2" x 6 1/2". Operates on 110-120 volts AC, 60 Hz. Shipping weight 27 lbs.

*MONTHLY PAYMENT CHART. SEE PAGE 18
SALE

Olson

2400 FT. MYLAR RECORDING TAPE

COMIC TA-160

Single $1.79

Lots of 10

$1.58

7-inch Reels
High Quality Factory Boxed
Made by U.S.A. Manufacturer
Permanently Lubricated
Shipping weight 1 lb.

RECORDING TAPE

AMPEX

3" REEL

COMIC TA-607

Lots of 10

Single $4.9c

$3.9c

Factory Boxed
Made in U.S.A. 3" Reel—1 Mil.
Polyester Backing
Shipping weight 1 lb.

RECORDING TAPE

89c

AS LOW AS

in Lots of 10

Reg. $1.79

1200 Ft. COMIC TA-75 10 @ 89c ea. $1.09 ea. Reg. $2.59

1800 Ft. COMIC TA-110 10 @ $1.29 ea. $1.49 ea.

25" — 54 Minutes at 13/4 ips.
Plastic Mailing Box
Shipping weight ¾ lb.

recording tape for all applications...

675" RECORDING TAPE

COMIC TA-107

Pkg. of 3 Reels

99c

Made in U.S.A.
Ideal for Voice Letters. Costs only 3 cents to mail.
Shipping weight 1/4 lb.

RECORDING & DICTATING TAPE

COMIC TA-18

10 @ 64c ea.

69c

Ideal for voice letters. Costs only 3 cents to mail.
Shipping weight 1/4 lb.

ENDLESS TAPE CARTRIDGE

COMIC TA-146

3 @ $4.50

$4.98

Easy to Operate
Plays 12 minutes at 1 1/2 or 6 minutes at 3 1/2 ips on any capstan drive recorder. Put cartridge on supply spindle and thread across heads. 1" dia. Shipping weight 1/4 lb.

7-INCH REEL 1200 FT. MYLAR TAPE

COMIC TA-544

3 for $1.84, Lots of 12 ea.

1200" MYLAR TAPE

5" Reel

$1.42

shipping weight 1 lb.

GOOD

CONCORD

Portable TAPE RECORDER

Mfg. Reel Stock No. Size No. Each of 12

180' 1 1/2 mil. Acetate 311-11

275' 1 1/2 mil. Poly 361-15

600' 1 mil. Polyester 363-13

900' 1 mil. Polyester 363-13

1800' 1 mil. Polyester 363-13

1800' 1 mil. Polyester 363-13

1800' 1 mil. Polyester 363-13

2400' 1 mil. Polyester 361-15

3600' 1 mil. Polyester 361-15

Shipping weight 1 lb. per roll

Limited Quantity

$10

Ideal for School, Business, Talking Letters, or Sound Camera
Lightweight — Weighs Only 2 lbs.
Remote Control Dynamic Mike
Variable Speed Control
Compact Precision Solid State
Size: 6" x 2 1/2" x 4 1/2".
Shipping weight 4 lbs.
Batteries for above, No. BA-67 (4 req'd.)

* MONTHLY PAYMENT CHART, See Page 18

Olson Electronics 33
Cassette & Reel Recorder Accessories

SALE

Recording Level Meter

99¢

2 for $1.90

REG. $1.92

* Movement Sensitivity: 200 µa.
* Ideal for Many Audio Applications
* Vertical or Horizontal Mounting
* Fits 1/2" x 1/4" Mounting Hole
* Shpg. weight: 1/4 lb.

Olson Deluxe Pillow Speaker

$3.98

3 for $11.37

* Built-in Volume Control
* Comfortable and Private For After-hours Listening
* Includes 5' Cable with 3.5mm Mini Plug
* Molded Break-resistant Case
* Impedance: 8 Ohms
* Size: 3 3/4" H. x 3 3/8" L. x 1" Thick
* Shipping weight: 1 lb.

Olson Tape Splicer

$2.89

* 2 and 4 Track
* Cutter arm has two blades, one cuts ends of tape to proper angle, the other blade trims edge of tape to remove excess splicing tape. Size: 3 1/2" W. x 1 1/4" L. Shipping weight: 1 lb.

Olson Cleaning Fluid

79¢

* Ideal for Tape Heads
* 4 Fluid Ounces
* Cleans All Types of Electronic Equipment
* Safe for Plastics
* Shpg. wt. 1/8 lb.

Leader Tape

$1.99

3 for $5.97

10 @ $0.90

* Can be Split to 1/4"
* 1/2" Wide
* 1/2 Mil Mylar
* 1,500 ft. of high quality computer tape on 10 1/2" plastic reel. Can be used on most home video recorders when rewound onto correct reels. Shpg. wt. 2 lbs. used.
* 1,200' Tape, Same as above but 1,200' roll. TA-600. 79¢ ea.

Retractable Patch Cord

$21.9

* Only 1/4" Thin
* Works With Radio-Phone-TV Etc.
* 6 Ft. Cable With Mini-Phone Plug
* Listen Without Disturbing Others
* Impedance: 8 Ohms
* Size: 1/4" Dia. x 3/8" Shpg. wt. 3 lbs. used.

Olson Instrument Cleaner

S-995

* Ideal for Tape Heads
* 4 Fluid Ounces
* 10 Uses
* Cleans All Types of Electronic Equipment
* Safe for Plastics
* Shpg. wt. 1/8 lb.

Olson Tape Reel Holders

99¢

10 @ $1.25

* Holds reel firmly in place
* A must for operation of reels on recorders

Olson Tape Head Demagnetizer

$2.89

2 for $5

* For Cartridge and Reel Type Recorders
* Prevents Noisy Tapes
* Fits Easily Into Cartridge Slot
* Size: 8 1/4" L. x 7 1/2" H. x 2 1/4" W. Shipping wt. 1 lb.

Olson Transistorized Power Converter

$49.8

6 & 9 Volts

* Operates Radios, Tape Recorders, etc. from 12 Volt Auto Battery
* Transistor Regulated
* Plug into Cigar Lighter

Sony Superscope

Cassette Tape Eraser

$19.50

* restores used tapes to new again
* completely portable
* simple slot load action erases tape without batteries or AC power
* durable compact styling
* shipping weight 5 lbs.

Olson Bulk Tape Eraser

$12.50

* For 3", 5", 7" or 10 1/2" Tapes
* Cassette and Cartridge Tapes
* Heavy Duty
* Will erase any magnetic recording tape from 3/8" to 1" width, including cassette and 4 and 8 track auto type cartridges. Housed in rugged case with Power Switch, Spindle and AC Cord. For 110-125 Volts AC. Size: 3 1/2" W. x 4 1/2" H. x 2 1/4" D. Shipping wt. 19 lbs.

Sony Cassette Tape Eraser

$3.98

* For 3", 5", 7" or 10 1/2" Tapes
* Cassette and Cartridge Tapes
* Heavy Duty
* Will erase any magnetic recording tape from 3/8" to 1" width, including cassette and 4 and 8 track auto type cartridges. Housed in rugged case with Power Switch, Spindle and AC Cord. For 110-125 Volts AC. Size: 3 1/2" W. x 4 1/2" H. x 2 1/4" D. Shipping wt. 19 lbs.

Olson Tape Head Demagnetizer

$2.89

2 for $5

* For Cartridge and Reel Type Recorders
* Prevents Noisy Tapes
* Fits Easily Into Cartridge Slot
* Size: 8 1/4" L. x 7 1/2" H. x 2 1/4" W. Shipping wt. 1 lb.

Olson Ta-47

* Ideal for Tape Heads
* 4 Fluid Ounces
* 10 Uses
* Cleans All Types of Electronic Equipment
* Safe for Plastics
* Shpg. wt. 1/8 lb.

Olson TA-588

* 2 and 4 Track
* Cutter arm has two blades, one cuts ends of tape to proper angle, the other blade trims edge of tape to remove excess splicing tape. Size: 3 1/2" W. x 1 1/4" L. Shipping weight: 1 lb.

Olson TA-608

* Only 1/4" Thin
* Works With Radio-Phone-TV Etc.
* 6 Ft. Cable With Mini-Phone Plug
* Listen Without Disturbing Others
* Impedance: 8 Ohms
* Size: 1/4" Dia. x 3/8" Shpg. wt. 3 lbs. used.

Olson TA-491

* Can be Split to 1/4"
* 1/2" Wide
* 1/2 Mil Mylar
* 1,500 ft. of high quality computer tape on 10 1/2" plastic reel. Can be used on most home video recorders when rewound onto correct reels. Shpg. wt. 2 lbs. used.
* 1,200' Tape, Same as above but 1,200' roll. TA-600. 79¢ ea.

Olson TA-538

* Index Between Recorded Selections on Reel
* Reinforce Tape Ends
* 1/2" Wide Mylar Base
* 160 Ft. Roll
* Shpg. weight: 1/4 lb.

Olson TA-499

* 3 for $5.97
* 10 @ $0.90
* 7" Diameter
* Customized Center Hub
* Fits All Home Video Tape Recorders
* Shipping weight: 1/4 lb.

Olson TA-417

$12.50

* For 3", 5", 7" or 10 1/2" Tapes
* Cassette and Cartridge Tapes
* Heavy Duty
* Will erase any magnetic recording tape from 3/8" to 1" width, including cassette and 4 and 8 track auto type cartridges. Housed in rugged case with Power Switch, Spindle and AC Cord. For 110-125 Volts AC. Size: 3 1/2" W. x 4 1/2" H. x 2 1/4" D. Shipping wt. 19 lbs.

Olson TA-624

* Superscope®
* Cassette Tape Eraser
* $19.50
* Restores used tapes to new again
* Completely portable
* Simple slot load action erases tape without batteries or AC power
* Durable compact styling
* Shipping weight: 5 lbs.

Sony TA-166

* BA-166
* 6 & 9 Volts
* $4.98
* Operates radios, tape recorders, etc. from 12 volt auto battery
* Transistor regulated
* Plug into cigar lighter
COMPACT AM TRANSISTOR RADIO

$7.98

RA-346

Reg. "315-98"

* Fits Into Purse, Pocket, Etc.
* Only 31/4" x 21/4" x 1/4"
* Sensitive Solid State Circuit
* Crystal Clear Sound From Built-in Speaker
* Hi-Impact Case
* Stylish Camera Styled Design
* Includes 2 Penlight Batteries, Earphone, and Carry Strap

Shipping weight 1 lb.

FM/AM PORTABLE RADIO

$11.99

RA-276

Reg. "315-98"

* Solid State Circuitry
* Easy-To-Read Dial
* Telescope FM Antenna
* Built-In AM Antenna
* Includes AC Cord, Batteries and Earphone

Size: 71/8" x 41/4" x 31/2". Shipping weight 4 lbs. Style may vary.

We Want To Continue To Send You CATALOGS... but it costs us several dollars each year to do so. For this reason we mail catalogs and special offers only to those from you in order to keep you on our mailing list. Just an order or two each year will keep you on our ACTIVE list... and you will receive the CATALOGS without interruption.

Our merchandise is manufactured around the world, ENGLAND, FRANCE, GERMANY, DENMARK, ITALY, HOLLAND JAPAN and U.S.A.

We travel all over the world carefully selecting the finest manufacturers to produce quality products at reasonable prices. You can be sure that when you select an item that it is made of the finest materials with the best "know-how" in the electronic industry anywhere in the world.

ABOUT OUR PRICES

Your order is shipped at the current price. Prices in this catalog replace prices in all previous catalogs and promotional orders change without notice. Orders are filled at the price in effect at time of shipment.

YOU BENEFIT FROM ANY PRICE REDUCTION. If prices are lowered during the life of this catalog, you get the advantage of the lower price. We reduce the cost accordingly and send you a refund at the time we make the shipment.

Our Return Policy

All of our equipment is brand new and unused except where noted. Any returns other than defective merchandise will be subject to a small service charge of not less than $1.00 or more than 10% of the purchase price. This is to cover handling expense and resale through our outlets at a reduced price. All items returned for credit or exchange must be returned as shipped to you, in brand new condition complete with all accessories.

Want to Buy!

We will pay top CASH prices for electronic parts and equipment similar to the items found in this catalog. Merchandise must be first quality. May be complete or incomplete. Large quantities preferred.

Jack R. Hardke
Write Giving Quantity and Description to
260 S. Forge Street
216, 535-9191 Akron, Ohio 44308

SALE

12-TO-9 VOLT ADAPTER

Plugs into cigarette lighter to change 12 volt car current to 9 volt. Now you can play these radios on car battery power. Shipping weight 4 lb.

Olson X-86

$1.39

6 TRANSISTOR AM RADIO

* Built-In Antenna
* For Metropolitan Areas
* Carrying Strap
* Complete With Batteries
* Sensitive Solid State Circuit
* Compact

Shipping weight 3 lb.

Olson RA-544

$4.49

9-TRANSISTOR AM/FM RADIO

* Includes Battery & Earphone
* Telescope Antenna
* Built-In AM Antenna
* For Metropolitan Areas

Shipping weight 3 lb.

Olson RA-723

$9.98

FM-AM PORTABLE RADIO

Uses Battery or House Current

* Solid State Circuitry
* Built-In "Lock for Strong FM Stations" Sticks Drifting
* Heavy-Duty 3" Speaker
* Uses 4 standard "C" Size Flashlight Batteries (Included)
* Pivoting Telescopic Antenna

Shipping weight 3 lb.

Olson RA-873

$24.98

BIG RADIO SOUND FROM YOUR TRANSISTOR RADIO

Surprising depth and dimension just by attaching this extension speaker to your present radio. 15 ohm, 2 ft. cable which has standard 3.5mm mini-plug attached. Walnut grained enclosure. Size: 81/8" x 9 1/4" x 4". Shipping weight: 3 lb.

Olson RA-544

$9.98

REPLACEMENT EARPHONES

15 OHM EARPHONE

With Cable Plug & Jack

Olson PH-139

$18.50

2,000 OHM DYNAMIC EARPHONE Like Above, X With Mini-Plug 3.5 MM

Olson PH-121

$1.29

"EAR EASE" EARPHONE

Miniature acoustic chamber. Improved low frequency response. Size: 3/16" x 3/4" x 1", use 4 ft. cable with 2.5 mm plug. Shipping weight 3/4 lb.

Olson PH-137

$3.29

SILENT TV RADIO LISTENER

$19.95 FOR $5.00

Ideal for bedside radio or TV. Switch turns off speaker in set if desired. Has two earphone jacks. Complete with one earphone and 15 ft. connecting cable. Size: 4 1/8" x 3 1/2" x 3/4". Shipping weight 3 lb.

Olson SW-346

$5.00

DYNAMIC EARPHONE

Reversible Ear

5" Cable with Plug

Olson PH-123

$2.99

Same as above but has 25" Cable

Olson PH-141

$2.99

Jack R. Hardke
Write Giving Quantity and Description to
260 S. Forge Street
216, 535-9191 Akron, Ohio 44308

Olson Electronics 35
Get All The News
Police Call Radios

SALE

GIFTS FOR GRADS, MOMS OR DADS

A POLICE AND FIRE RECEIVER
- 24 Hr. Weather Forecast 162.55 MHz
- Solid State Circuitry
- Includes Reg, AM Band
- 148.74 MHz & Battery Included / Styles May Vary
- Size: 8" W. x 5" H. x 6" D. Shipping weight 3 lbs.
- REG. $14.92
- $9.99

B 4 BAND HI-LO POLICE PLUS FM-AM
- Battery or House Current
- Sensitive 14 Transistor Circuit
- Band: Police (148-174 MHz) & (30-50 MHz), FM-AM
- Full Range 4" Speaker
- Leatherette Covered Case
- Size: 11 3/4" x 6 3/4" x 4" Operates on 110-120 volts AC, 60 cps.
- and on (4) "C" size batteries (Included). Earphone included for private listening. Shipping weight 4 lbs.
- $29.98

C AIWA 6 BAND
- Operates on Battery or House Current
- Hi and Lo Band Police (30-50 MHz) and (148-174 MHz)
- FM and AM Broadcast Bands
- 24 Hr. Weather Forecast 162.55 MHz
- Aircraft: 100-138 MHz
- Shortwave 6-16 MHz
- Tone Control
- Size: 9" W. x 8" H. x 3.5" 110-120 V. AC, 60 cps. or 4 "D" Batteries (Included).
- REG. $59.98
- $49.99

D How to Hear POLICE, FIRE, AIRCRAFT RADIO
- An effective guide on how to improve your present equipment or how to purchase the proper radio for your application. Shipping weight 3 1/2 lbs.
- $3.50

HEAR TV ANYWHERE

TV-FM Receiver for Metropolitan area gives you TV sound without the sight. Channels 2-13
- 11 Transistors
- Accurate Slide Rule Tuning
- Connects to Your Tape Recorder
- Carrying Strap
- Telescope Antenna
- Earphone Included
- Size: 6" x 8" x 2.5". Shipping weight 2 lbs.
- $21.99

LIMITED QUANTITY
BATTERIES 4 PENLIGHT REQ'D

28 WATT STEREO AMPLIFIER
- Save! Build Your Stereo
- Output: 10 Watts RMS, 28 Watts IHF
- High Impedance Input
- Response: 50-20,000 HZ
- Controls: Volume, Balance, Treble & Bass
- 4-16 Ohm Output
- Includes Brushed Aluminum Face Plate and Match Knobs
- Size: 5/8" W. x 4 1/4" H. x 13/4" 110-120 V. AC, 60 cps. Shipping wt. 6 lbs.
- $24.98

MILOVAC STEREO FM-AM PORTABLE RADIO
- Take Stereo Music Anywhere
- Operates on Battery or House Current
- Sensitive 17 Transistor Circuit brings in the Weakest FM-AM Stations
- FM Stereo Lamp Indicator
- Easy Set Side Controls
- Two Wide Range Detachable Speakers
- Two Self Adjusting Bass & Treble Controls
- Built-in AM Antenna - Telescoping FM Antenna
- Complete with earphone and 4 "C" batteries.
- Size: radio 3/4" W. x 6 1/4" H. x 2 1/4" D. Speakers:
- 4 1/2" W. x 6 1/4" H. x 2 1/4" D. Shipping wt. 6 lbs.
- $49.98

*MONTHLY PAYMENT CHART, See Page 18
Two-Way Radio

An Olson BREAKTHROUGH for Everyone

What a convenience! Use as easily as a phone to talk car-to-car, car-to-home, car-to-business. You can install a Citizen's Band (CB) radio yourself, or anyone who installs cars radio can install it for you. Clear reception up to 15 miles, depending on terrain or weather conditions. So powerful you'll need a license to operate, that costs only $20 for five years, and all you need to do is apply for it.

Olson Teaberry 23 Channel

![image of Teaberry 23 Channel]

$129.95

AC Power Supply: $10 Monthly

Walkie-Talkies Offer Portability and Convenience

SAVE 79c

Purchased AA-229 $1

Replacement CB Antenna

Only 15" high — Works like 5 feet.

For Any Walkie-Talkie

Base loaded

Ideal for obstructed areas

Replaces broken antenna

Works without removing existing antenna

Shipping weight 3/4 lb.

A 4 Transistor Walkie-Talkie

Sends & Receives on Channel 14. Rugged, operable on 9 Volt Transistor battery (included). No license required. Telescoping antenna, compact size: 5 1/4" H. x 2 3/4" W. x 1" D. Shipping weight 2 lbs. Sizes may vary.

B 7-Transistor Walkie-Talkie


C "SKY HAWK" Aircraft Receiver

Ideal for Sky Divers

Ultra compact, slips into your pocket

Compare with ball point pen illustrated

Operates on hearing aid batteries

Up to 1 1/2 mile range to flying aircraft

Up to 16 mile range to tower

Complete with earphone

D CB Crystals for All Popular Transceivers

Crystal Certificate enables you to order from Mfr. one receive and one transmit crystal, or two receive or two transmit crystals for all popular CB units and walkie-talkies.

38 Olson Electronics
NEW! FOR YOUR LISTENING PLEASURE

SPECIAL PURCHASE!

Olson BUYING POWER DOES IT AGAIN

Complete Stereo Cassette Recorder

Outstanding Value-Budget Price

RA-378
$10 Monthly
Mfr. 1971 List Price $99.95

- Entertainment For the Entire Family
- Records and Plays All Standard Cassettes
- Complete With 2 Wide Range Speakers & 2 Sensitive Dynamic Mikes
- Convenient Push-button Controls
- Separate Record Level Control
- Stereo Headphone Jack
- 3-Digit Tape Counter

Unique Jam-Proof Mechanism
Aux. Input for Direct Recording
Pop-up Cartridge Eject System
Beautiful Walnut Finish
Powerful Solid State Amplifier
Also includes blank cassette tape and mike stands. Size: Recorder 12" x 8½" x 3½". Speakers 7½" x 4½" x 11¼". H. Operates on 110-120 Volts AC. 60 Hz. Shipping weight 22 lbs.

Deluxe 5-Band Portable Receiver

Built-in Direction Finder
Hear Police, Aircraft, Weather, and FM

RA-379
$10 Monthly

Precise Vernier Tuning
FM-AFC Locks in Station
Aux. Input Jack for Mike, Phono, Tape, etc.
Null Meter
Powerful 5" Speaker
Rugged Leatherette Case
Batt. 12 Volts. DC: 2 1/2" x 2 1/4" x 4". Shpg. wt. 8 lbs. Operates on 110-120 V. AC. 60 Hz. and 4-"C" cell batteries included.

PANASONIC 8-Track Stereo Recorder
Record Your Favorite Music For Your Driving Pleasure

RA-380
$99.95
$10 Monthly

- Records and Plays Through Your Home Stereo System
- Dual Vu-Meters
- Fast Wind Control
- Automatic Stop
- Stereo Headphone Jack
- Response: 50 to 12,000 Hz.
- Channel Indicator Lights
- Record Safety-Lock
- Walnut Finish Cabinet
- Inputs for Mike and Line

Complete with 4-connecting cables. Size: 15½" x 4½" x 9½". Operates on 110-120 volts AC. 60 Hz. Shipping weight 16 lbs.

NEW! FANON PORTABLE 2-WAY RADIOS

3 Channel 100 Milliwatt

CB-188
$34.95 pr.

- Built-in Call-Tone Signal
- Ready to Send and Receive on Channel 15
- Powerful Solid State Circuit
- Rugged Hi-Impact Case
- Telescoping Antenna

Complete with handstrap and earphone. Operates on 9 volt battery. Size: 6½" x 1½" x 3". Shipping weight 5 lbs.

6 Channel 1 Watt

CB-189
$49.95 ea.

- Advanced Solid State Circuitry—FET & ICS for Utmost in Reception and Dependability
- Complete With Ch. 15 Crystals Installed
- Separate Speaker and Microphone Variable Squelch Control
- Battery Strength Meter
- Includes Earphone and Handstrap

Size: 4½" H. x 2½" W. x 9" D. Shpg. wt. 3 lbs. Operates on 6 penlight batteries not supplied. Penlight Batteries for above 59¢.

23 Channel 5 Watts

CB-187
$144.95
$10 Monthly

- Base Station Range and Quality Complete Ready For 23 Channel Operation
- Advanced Solid State Circuit W/FET & ICS
- Rugged Die-Cast Aluminum Case
- Sensitive Dual Conversion Receiver
- Full 5 Watt Input W/100% Modulation
- Automatic Noise Limiter
- New Slide Controls for Squelch and Volume
- 6-Watt Meter S-R-Battery Level
- Battery Saver Circuit
- Weatherproof Jacks for Earphone, External Mike, Antenna, Speaker and Power
- 54" Telescopic Antenna

Complete with handstrap, shoulder strap and earphone. Operates on 10 penlight ("AA") Batteries. Size: 10½" x 2½" x 9½". Shipping weight 6 lbs.

AC ADAPTOR/Battery charger pack: Includes 12 Ni-CAD ("AA") Batteries.

CB-190
$34.50

* MONTHLY PAYMENT CHART, See Page 18

40 Olson Electronics
NEW! SPECIALIZED MOTORS FOR ALL THOSE UNUSUAL JOBS

YOUR CHOICE...$2.29

Synchronous Clock Motors
- Used for sale at face
- Made by your own clock
- Device, etc.
- Output: 50 Hz, 50 Hz.
- Threaded Mounting Holes
- Operates on 110-120 Volts AC Hz.
- Size: 1/4" x 1/4" x 1/4" D. Shaft Length 1.25".
- MO-244 Front Set: Size: 3/4" x 1/4" x 1/4" D. Shaft Length 1.25".
- MO-254 Same as above but has back set shaft.
- MO-246 Back Set: Size: 3/4" x 1/4" x 1/4" D. Shaft Length 1.25". Shipping wt. 1 lb.

NEW! OUR INTERESTING COLLECTION OF ESSENTIALS

Olson 6-Piece Jeweler's Screwdriver Kit
- Handy Plastic Storage Case
- Precision Quality Carbon Steel
- Easy Grip Chuck Handle
- 5 Interchangeable Blades: 1-6".
- 1-Phillips, 3-Standard Blades
- Ideal for watch and Eye Glass Repair
- Shipping weight 1 lb.
- PH-196

2-Way Cassette Storage Tray
- Includes 3-C-60 Cassettes
- Tray Attach to any Portable Recorder
- Complete With Adhesive Strips
- Stack As Many As You Like
- Ideal for Tape Storage
- Clear See-Thru Tray
- Shipping weight 1 lb.

Olson Deluxe Telephone Amplifier
- Powerful Transistorized Circuit
- Adjustable Volume Control
- Stylish Design Blends With Any Decor
- Cost Painless To Operate
- Size: 5" x 5" x 5". Speaker: 3/4" x 4" x 4". Weight: 1 lb.
- BA-49

Deluxe Portable Spotlight
- World's Most Powerful
- X-151

SPECIAL PURCHASE!

Quality Replacement Speakers

YOUR CHOICE 65¢ 10 @ 55¢ ea.
- Great for Transistor Radios, Phonos, Recorders, etc.
- Shipping weight 1 lb.
- 2" PM Speaker, 16 ohms, Round Yoke
- 2 1/2" P.M. Speaker, 16 ohms, Round Yoke
- 2 1/2" x 4" Speaker, 35 ohms, Round Yoke
- 2 1/2" x 4" Speaker, 16 ohms, Square Yoke
- 3" PM Speaker, 8-10 ohms, Round Yoke

NEW! OUR INTERESTING COLLECTION OF ESSENTIALS

Dynamic Electric Telephone Index
- TA-628
- 2 for $5.80

Compact Auto Reverb
- RA-749
- Reg. $19.98
- $4.99

FM/AM Portable Radio
- RA-276
- Reg. $19.98
- $11.99

...and look for other exciting NEW ITEMS throughout this catalog

*MONTHLY PAYMENT CHART, See Page 18

Olson Electronics 41
HAS A PA SYSTEM
FOR ALL APPLICATIONS

OLSON

COMMERCIAL PU

Olson 22 WATT
AM-387
2 for $110
$59.98
- Operates on 117 V. AC or 12 V. DC
- Mike, Phono, and Aux. Inputs

Ideal for portable PA systems. Accepts a hi or low impedance mike plus phone and tape deck or tuner.
Outputs for 4-8 or 16 Ohms plus 25 and 70 V. Includes a mounting bracket for mobile use. 10" W. x 3½" H. x 8" D. 110-120 V. AC 60 cps. or 12 V. DC. Ship. wt. 15 lbs.

Olson 40 WATT
AM-388
2 for $150
$79.98
*510 Monthly
- Operates on 117 V. AC or 12 V. DC
- High or Low impedance

An excellent all around amplifier for churches, schools, etc. Includes controls for mike 1 and 2 volume. Phono Aux. volume and tone. Mounting bracket. Solid state circuitry. Two mike inputs. Size: 9½" W. x 8½" H. x 8" D. 110-120 V. AC 60 cps. and 12 volts DC. Shipping weight 18 lbs.

Olson 100 WATT
AM-389
2 for $250
$130

- Four Mike Inputs
- Circuit Speaker Overload Protection

High power amplifier suitable for all applications whether large or small. Solid state circuitry. Has inputs for both high (60K ohms) & low (600 ohms) impedance microphones plus auxiliary input for phone or tuner and tape. Has tape monitor jack. Output for 4, 8, or 16 ohm speakers plus 70V. and 100 volt line output. Controls for mike-1 volume, mike-2 volume, phone/aux. Volume, master volume, bass, treble, and on/off switch. Operates on 110-120 V. AC. 60/60 Hz. Size: 18½" x 5" x 10". Shipping weight 20 lbs.

Olson FM-AM Background
30 WATT MUSIC RECEIVER
RA-261
*510 Monthly
$90

- Inputs Provided for Phono, Tape, Mike

Sensitive solid state FM-AM receiver is ideal for professional offices, stores, waiting rooms, homes, etc. Paging facilities can be adjusted to override music from FM-AM tuner. Features: Brushed aluminum front panel with gray finished metal cabinet, AFC control, built-in AM antenna, for 4, 8, 16, and 600 ohms (70 V. volt). Operates on 110-120 V. AC. 60 Hz. Size: 18½" x 5½" x 8". Shipping weight 9 lbs.

SAVE! ON BACKGROUND MUSIC SYSTEMS

RA-261 Receiver Above...$90.00
4 Speakers CA-13A...$126.64
1 100' Speaker Cable...$2.69
Reg. Total...$119.33
AS-394 System Price...$105.00

Same as above but has 4-3' ceiling type speakers in place of wall type.
n AS-394...$115
*510 Monthly

MONTHLY PAYMENT CHART, See Page 18
BLIC ADDRESS SOUND EQUIPMENT

Olson Complete Commercial PA Systems
- Write for the Low System Price on Items of Your Choice
- Systems for all Applications Indoors or Outdoors, Large or Small

<table>
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<tr>
<th>STOCK NUMBER</th>
<th>AM-387 40-W</th>
<th>AM-389 100-W</th>
<th>S-603 P-18</th>
<th>T-100 P-72</th>
<th>S-681 below</th>
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EACH SYSTEM INCLUDES 100' OF SPEAKER WIRE & MIKE PLUG
M-94 & M-301 with all systems

35 Watt PA Amplifier
- AM-248
  - $10 Monthly
  - $97.50


P.A. SYSTEMS
Bogen 35 watt PA amp. (above), two 8" speakers (below). EV 664 mike (pp. 44).
- AS-283
  - $40 Monthly
  - $177

Olson 8 Inch
Speaker Grille
- CA-385
  - 3/5 3.5
  - $1.98

CA-385 Sound Column Speaker System

Argos

Do It Yourself Speaker System
If your application calls for a speaker in the wall, cabinet, ceiling or on a shelf. "You can do it."
- S-91 8" Speaker $2.15
- CA-443 Walnut Wall Baffle. Size: 12" x 12" x 3 1/4" $3.49
- CA-385 Ceiling or Wall Grille (right) $1.98
- W-564 50" Speaker Wire $1.19

A High sensitivity and wide dispersion angle. Response 300 to 12,000 Hz. Power: 5 watts, 8 ohms. Size: 3 3/4" Dia. x 3 3/4". Shipping wt. 4 lbs.

Olson Outdoor/Indoor Paging Speakers
- S-443
  - $7.99

Reg. $9.79

Minimale bracket. Cuts through background noise. 8 ohms. 8 watts. Response: 400-8000 Hz. Size: 3 5/8" dia. x 4". Shipping weight: 4 1/2 lbs.
Feel Like You're Not Being Heard?
— You probably aren't! You could be, with a quality microphone from Olson.

BROADCAST QUALITY MICROPHONES
FROM Olson

GENERAL PURPOSE
DYNAMIC MICROPHONE

Olson

M-301
$13.95

- Cardioid Pattern
- Dual Impedance (50 and 600 Ohms)
- Built-in Wind Screen
- Response: 100 to 12,000 Hz
- Ideal for PA, Recording, Groups, Etc.
- 20' Cable w/Standard 1/4" Plug
- Attached
- Includes Removable Stand Adapter
- Stylish Black and Chrome Finish
- Size: 6 1/4" L. x 1 1/4" Dia.
- Shpg. wt: 3 lbs.

Olson M-308
$13.98

- Ideal for PA or Recording
- Removable Stand Adapter
- "Pop-proof" Wind Screen
- Brushed Chrome Finish
- 600 or 50 Ohms Impedance
- Response: 60-13,000 Hz
- 20' Cable with 1/4" Phone Plug
- 3 1/2" Dia. x 9 3/4" L.
- Shipping weight 3 lbs.

Olson M-329
$17.95

- Unique Slim Line Design
- Ideal for Groups, PA, Recording, Etc.
- High (500 Ohm) Impedance
- Stylish Black Satin Finish
- Removable Stand Adapter
- 20' Cable with Standard 1/4" Plug
- Wide Range Response
- Size: 8 1/2" L. x 9 1/2" D.
- Shpg. wt: 3 lbs.

Olson M-327
$19.98

- Ideal for PA, Broadcast or Recording
- Cardioid Pattern
- Dual Impedance 600 and 500 Ohms
- Impedance Selector Switch
- Anti-Feedback Design
- Built-in Filter for Close Talking
- On-Off Switch
- Removable Stand Adapter
- Response: 30-15,000 Hz
- 20' Cable with 1/4" Phone Plug
- Size: 7 1/2" L. x 1 1/2" Dia.
- Shpg. wt: 3 lbs.

Olson M-140
$57

★ Ideal for High Quality PA, Recording or Broadcast use
★ Dual Impedance 17 Cable
★ Chrome Finish
★ Response: 40-15,000 Hz
★ 7/8" L. x 1 1/8" Dia.
★ Output: 55 db
- Shipping weight 5 lbs.

★ Electro Voice
★ $10 Monthly

Olson M-204
$61.35

★ Reduced Feed-Back
★ Adjustable Bass Response
★ Response: 40 to 15,000 Hz
★ Output: 57 db
★ Dual Impedance
★ Satin Chrome Finish
★ 7 1/4" x 1 1/8" Dia.
★ Shipping weight 6 lbs.

★ Electro Voice
★ $10 Monthly

* MONTHLY PAYMENT CHART, See Page 18
**MICROPHONES AND ACCESSORIES**

**CARBON MIKE CARTRIDGE**
- Pkg. of 2
- Use In Series w/battery for High Output
- Low impedance
- Size: 3 1/2" x 3/4". Shipping weight 1/2 lb.

*M-215* 99c Pkg. of 2

**SNAP-ON STAND ADAPTER**
- Adapts Pencil Mike to Any Stand
- Add 2nd Mike to Existing Stand
- Felt Liner Included
- Fits Mikes from 25-32" to 1" dia.
- Shipping weight 1/4 lb.

*M-318* 99c 2 for $1.78 each

**OLSON DESK STAND**
- Made in 6" high stand; U.S.A.
- a & d thread
- Chrome Shaft lbs.

*M-95* 3 for 59 $3.49

**MICROPHONE CONNECTOR**
- Standard 9/16" thread, shpg. wt. 1/8 lb.
- 25' MIKE EXTENSION CABLE KIT
  - Amphenol type connectors on each end
  - Adapter plugs convert to 1/4" plug or jack.
  - Shipping weight 1/2 lb.

*X-317* 39c 2 for $1

**POWER MEGAPHONE**
- With Built-In Siren
- X-141 Mfg. Suggested 1970 Retail Price $17.98
- Lightweight—Portable
- Powerful Solid State Circuit
- Can Be Heard Up To 300 Feet
- Built-In Volume Control
- Operates On 9 Volt Battery (Not Included)

*W-49* $3.98

Heavy Duty Mike Cable — 50' Coil Durable vinyl jacket with wrap-shielded and poly insulated center conductor. 0.21" O.D.

*W-544* $3.89

**DELUXE FLOOR MIKE STAND**
- Telescoping Chrome Shaft
- Adjustable Height 35" to 91"
- Heavy Weighted Base
- Standard 3/4 x 27 Thread
- Shpg. wt. 10 lbs.

*W-94* $8.98

Boom Adapter *M-290* $6.98

**SALE**

**VACO CRYSTAL MIKE**
- High impedance for most portable type recorders. Size: 1 3/4" W. x 2 1/4" H. x 1" D. Includes 5 ft. shielded cable.
- Response: 40 to 4,000 Hz. Shipping weight 1/2 lb.

*M-235* 2 for 90c $49c

**PROFESSIONAL STEREO MICROPHONE KIT**
- Hand Held or Stand
- Ideal for Recording, PA, Groups, etc.
- Two Dynamic Cardioid Mikes
- Dual Impedance (600 ohms Lo / 60 K Hi)
- Response: 150-12,000 Hz
- On-Off Slide Switch
- Attractive Modern Styling
- Two 20-ft. Cables w/1/4" Plug Attached
- Two Matching Desk Stands
- Two Rugged Stand Adapters
- Size: 7 1/2" W. x 1 1/2" D. Shipping weight 6 lbs.

*M-333* 2998

**SPECIAL BUY**

**REPLACEMENTS FOR CASSETTES**
- Includes DI.N. Connectors
- Perfect Replacement for Norelco, Ampex and similar recorders with DI.N. Connectors.
- Shipping weight 1 lb.

*M-319* 4999

**LAPEL MIKE**
- For Cassette Recorder

*M-174* 2 for $2.56

**OLSON TRANSISTORIZED MIKE MIXER**
- RA-345
- 2 for $12

$6.49

**Crystal Hand Mike**
- High Impedance
- Includes Mike Stand

*W-93* 1070 Cat. M-145

$4.99

Built-in on-off switch. Tape recording, P.A., etc. Response: 80-5,000 Hz. Output level: 57 db. With lavalier cord and 6 ft. shielded cable. Size: 1 1/2" x 5". Shipping weight 1 1/4 lbs.

**MIXER**
- Mixes Mikes, Tuner, Tape, Guitar, etc.
- Response: 50 to 20 K Hz.
- Use Up To 3 Units for 12 Inputs
- Model MX48-T
- Mixer and Preampifier

*AM-377*

$52.45

**MONTHLY PAYMENT CHART, See Page 18**
Nothing keeps your family as safe as Closed Circuit TV— as easy to operate as your own TV—and now it's priced so that everyone can afford it!

A ten-year old could connect an Olson closed circuit TV camera to your present TV set in less than 5 minutes and have it working perfectly. We invite you to compare every aspect of performance with expensive industrial systems. That's why industry has come flocking to buy them for security use. The camera is a compact easily concealed unit with solid state circuitry. An automatic light compensator makes the best picture possible with the light available. This camera is so well designed that even rather low levels of room lighting produce excellent pictures. Though the basic Olson system is an achievement in simplicity, every accessory is available for special surveillance systems. If you don't want to use your present TV set as a monitor (by the way, it can still be used for regular reception), Olson has an all-channel monitor. Fixed iris, standard, telephoto or wide angle lenses are available. A motor-driven scanner can turn your camera continuously in a full 360° arc. Adjustable, camera-holding tripods, too. Extra cable—the camera may be located up to 1,000 feet from the monitor. If you want sound, an Olson wire or wireless intercom may be added.

**Olson** - tv-com - a superb all-around Closed Circuit TV System with built-in two-way sound!

**Olson** customers in every part of the country have bought the world's most compact closed circuit TV system which features two-way sound—a new dimension in family protection. It's a snap to hook up: just plug it in, turn it on and you're in the business of keeping your family safe! The camera has an F:1.6 lens, and you get a fine, sharp image on the 5" screen monitor—in almost any light. Automatic light control. A 30' cable is included with the system. Shut-off is automatic 30 seconds after conversation ends.

**Olson TV-300**
Complete $370
$20 monthly

Model TMC-2AO

**Universal Wall or Surface Camera Mount**
TV-125 ........................................ $24.95

**65 Ft. Extension Cable (camera to monitor)**
TV-202 ........................................ $30.00

*MONTHLY PAYMENT CHART, See Page 18
an extra pair of eyes and ears to protect your home and property!

- Doctors' and Dentists' Reception Areas
- A Nurse's Aid in Time of Sickness
- Protects the Parking Lot
- Put on Your Own TV Show — and You're the Star!
- Conduct School or Training Classes

CC TV Camera

★ Solid State Circuitry
★ Automatic Light Compensation

Connects to your present TV set to make complete closed-circuit TV system. Requires no internal connections, just connect to antenna terminals. TV set can still be used for regular reception. Output level: 1.8 volts peak-to-peak video. Resolution: H 500 Lines, Size: 9½" L x 5¾" H x 3¾" W. Operates on 110 to 120 volts A.C. 60/60 cps. Shpg. wt. 7 lbs.

Otson TV-132

$189.98

(less lens)

2 Pc. Camera & Lens Combination
Camera & 25 mm Lens

$198

4 Pc. Complete Closed Circuit TV System

Included:

Otson TV Camera, TV-132  $189.98

Otson 25 mm Lens, TV-117  40.00

Otson Adj. Tripod, TV-189  16.50

TV Monitor, TV-193  89.88

Total Individual Price  $336.36

Combination Price Otson AS-388  $290

TV Monitor, With Glare-Free Screen

Only 15½ lbs. Has clear, sharply defined picture. Aluminised picture tube. Operates on 110 to 120 V, AC, 60/60 cps. Size: 18" x 17" x 11¾". Shpg. wt. 23 lbs.

Otson TV-193

$89.88

* $10 Monthly

style may vary

Automatic Scanner! Multiply Your Security Coverage!

A 360° AUTOMATIC SCANNER.

Standard camera mount. 1/4-20 screw. Shipping weight 13 lbs.

Otson TV-184

$129.99

Reg. $149.50

SCANNER SYSTEM. Above scanner with TV-132 camera and TV-117 lens. Individual Total $359.97.

Otson AS-307

$310

E ADJUSTABLE TRIPOD MOUNT.

Easy installation. Otson TV-189 $16.50

accessories to meet special needs

25 mm Lens; F 8 Fixed Iris.

Otson TV-183  $15.00

Standard Lens; 25 mm; F 1.4 F stops from 1.4 to 22.

Otson TV-117  $40.00

Tele-Photo Lens 50 mm; F 1.4 F stops from 1.4 to 22.

Otson TV-110  $60.00

Wide-Angle Lens; 12 mm; F 1.4 F stops from 1.4 to 22.

Otson TV-115  $78.00

Tele-Photo Lens; 72 mm; F 1.4 F stops.

Otson TV-123  $95.00

Replacement Vidicon Tube for Camera

7735A Otson TV-129  $99.00

55 Ft. RG59 U Cable, Otson W-414  $3.49

Universal Camera Mount.

Otson TV-125  $24.95

*MONTHLY PAYMENT CHART, See Page 18
New ways to protect your home... your family... your business... with these fine security products from Olson!

You worked hard for your property...

Don't let your car become the next auto theft statistic

AUTO BURGLAR ALARM PLUS ROAD HAZARD LIGHT SWITCH, blow auto horn if disturbed. Auxiliary switch included. Modernizes your parking lights into flashing road hazard lights. For 6 or 12 volt cars. Fast, easy installation. Shipping wt. 5 lbs. AU-142 $3.49

AUTO GUARD protects your car from thieves by making it "jumper proof." Electronically disables car ignition system so that car will try to start but actually will not even with master key. Car will start only for owner. Compact, easily hidden, installs in minutes. For 6 or 12 volt neg. grid. systems. Size: 2½" x 1½" x 1¼". Shipping weight 1 lb. AU-185 $4.79

AUTO BURGLAR ALARM blows car horn and flashes interior lights on and off if disturbed. Fits all 12 volt positive or negative ground cars. Shipping wt. 3 lbs. AU-121 $8.98

DELUXE BURGLAR ALARM same as above, except also includes high-powered, heavy duty police siren. Shipping wt. 6 lbs. AU-116 $21.98

Light a light—automatically—and stop a thief!

Nothing attracts thieves like a darkened house. These electrically operated time switches will turn lamps (and appliances) on and off even if you're away for weeks.

OUTDOOR PHOTO ELECTRIC SWITCH turns lights on at dusk, off at dawn. Needs no wiring. Never needs setting. Screw light bulb into adapter and adapter into outdoor fixture. Gives lighting protection all night. Operates on 120 Volts AC. Shipping wt. 1 lb. SW-402 $4.49

INDOOR PHOTO ELECTRIC SWITCH turns lights, signs, appliances and dimmys on and off at dusk (or dawn). Size: 3½" x 3½" x 1¼". For 110 Volts AC. Capacity 500 Watts. Shipping wt. 1 lb. SW-303 $3.99

HEAVY DUTY PHOTO ELECTRIC SWITCH kit with weather-proof Epoxy Encapsulated circuitry. Controls indoor or outdoor lighting, door openers, motors, etc. Can be used to turn on or off with presence or absence of light. Relay contacts handle 5 Amps at 120 Volts A.C. Size 3½" x 3½" x 1¼". 110-120 Volts A.C. 60 c.p.s. Shipping wt. 1 lb. SW-486 $4.99

INTERMATIC TIME SWITCH has simple push-button controls. Capacity 875 Watts or 7 Amps. Easy time adjustments, plus manual control. 110-120 Volts AC, 60 c.p.s. Shipping wt. 2½ lbs. X-90 $7.98

DELUXE INTERMATIC TIME SWITCH similar to above, except 15 Amp capacity. X-91 $9.98

These Alarms Sense Fire Before You Do!

PLUG-IN FIRE ALARM FOR HOME AND TRAVEL plugs into electrical outlet. Though tiny and easily portable, it gives a loud penetrating, continuous buzz if excited by heat. Size: 1½" W. x 2¼" H. x 3¼" D. 110-120 Volts A.C. 50/60 c.p.s. Shipping wt. ½ lb. LIMITED QUANTITY SW-407 $3.98

TRANSISTORIZED SMOKE & HEAT ALARM triggers powerful buzzer when it detects either smoke or heat. Heat sensor actuates at 135°, and there is provision for an additional external heat sensor. Manual emergency switch sounds warning if you detect fire even before sensor. Shipping wt. 6 lbs. SW-411 $19.99

SMOKE & HEAT ALARM warns you of smoke as well as of heat. Heat sensor triggers powerful buzzer at 135°. Locate detector in probable fire area; place alarm anywhere in the same building. Also provision for an additional external heat sensor. Alarm can actuate other 120 V. devices. Sizes: 5½" W. x 7½" H. x 3½" D. 110-120 Volts A.C. 50/60 c.p.s. Shipping wt. 8 lbs. SW-440 $25.99

FIRE SENSING SWITCH FOR ALL ALARM SYSTEMS is ideal for probable fire areas in home, business, or industry. Also protects against overheating motors, fans, boiler, etc. Normally closed switch activates at 140°F. Maximum capacity 1 amp @ 250 volts. Size: 2½" x 1½" Shpg. wt. 1½ lbs. SW-521 Pkg. of 2 $1.89

*MONTHLY PAYMENT CHART, SEE PAGE 18
On these pages, you'll find dozens of items to protect your home and your property against the constant threat of crime and the terrible danger of fire. There are devices to safeguard your car against theft; fire and burglary warnings; ingenious little gadgets to turn lights on and off automatically. There are "must" items of personal protection for your loved ones... all kinds of merchandise to add to your security and protection. Turn to the two preceding pages for some of the finest, most reliable closed-circuit television equipment you'll find anywhere. Remember—it's no longer a luxury to own items like these—it's become a necessity. And now Olson brings it all well within your reach... and now you can order them more conveniently than ever before!

...now protect it against fire & theft!

**Burglar alarms—worth their cost**

**BATTERY OPERATED BURGLAR ALARM** attaches easily to hinge edge of door or window. When door is opened, alarm unit is vibrated and an alarm is activated. Siren will sound for 115 degrees. Shipping weight 1 lbs. Less battery...

**PHOTO ELECTRIC RELAY SYSTEM** gives warning when a person enters a room. Can also count people, merchandise, Infra-Red filter for invisible light operation. Self-powered. Range up to 45 ft. Includes two pieces, light source and receiver. Size each unit: 6" x 4 1/2" x 3". Operates on 110-120 Volts AC, 50/60 cps. Shipping weight 6 lbs....

**HOME OR COMMERCIAL BURGLAR ALARM**

Heavy duty bell, housed in a weather-proof, tamper-proof metal box, can be heard for blocks. Push-button door and window switches activate bell which will continue to ring until you turn it off. Burglar cannot turn off alarm by closing window or door. Key-Lock, on-off switch. Operates on standard 12 volt lantern battery, not supplied. Size: 9 1/2" W. x 12" H. x 4 1/2" D. Shipping weight 1 1/2 lbs....

**DELT ALERT ULTRASONIC ALARM** fills the room with invisible, undetectable by the human ear. The mechanism actuates bells, buzzers, lights. Also has built-in timer for night lighting. Range 15 to 20 ft., depending on solid state circuitry. Operates on 110-125 Volt AC; 60 cps. Relay contacts handle 5 Amps. Size: 10 1/2" W. x 3 1/2" H. x 3 1/2" D. Shipped wt. 3 lbs....

**Combination Fire and Burglar alarms**

**BURGLAR & FIRE ALARM** is battery operated, heat sensor triggers loud siren at 115 degrees. Mount on wall, keep on desk or night table. Siren may be silenced by push button to warn of burglars. Shipping weight 6 lbs....

**BURGLAR & FIRE ALARM KIT** includes motor-type siren, one fire sensing switch, one master switch, 1 override switch, terminal block, battery holder and 100 ft. of wire. Complete with instructions. Shipping weight 5 lbs. Less batteries....

**Gadgets & Books for Your Protection!**

**SECURITY SHOCK ROU** uses standard flashlight batteries to give a powerful electric shock on contact. Gives attacker the shock of his life. Works like the cattle prods used in stock shows, auctions. Batteries included. Blasting strap for wrist. Shipping weight 3 lbs....

**SECURITY DOOR SCOPE**

A low cost personal protection. Let's see who's on the other side of door before you open it. Ideal for Apartment, Home, Business, etc. You can see out but no one can look in. Wide angle view permits easy viewing of person standing, stooping or even hiding at side of door. Quickly installs in 1/2" dia. hole. Adjustable to door thickness of 1" to 1 1/4". Weatherproof and tamper proof. Shipped wt. 1/2 lb....

**SECURITY ELECTRONICS**

Covers electronic intrusion alarms, photoelectric detectors, signaling systems and dozens of others. The very latest in security systems must be understood by more experts if we are to curb the continuously rising crime rates. Shipping wt. 1/2 lb....

**POLICE-TYPE SIREN** can be heard blocks away, for alarm systems in stores, plants, auto, boat, emergency vehicles, etc. Die-cast aluminum and steel. Heavy-duty construction. For 12 volt DC or 110-120 volt AC @ 2 amps. Size 6 1/2" L. x 5 1/2" W. x 5 1/2" H. Shipping wt. 3/2 lbs....

**YOUR CHOICE**

12 Volt...

110-120 Volt...

 Olson Electronics 49
SATELLITE COLOR ORGAN
Size: 6" x 6" x 5". Operates on 110-120 volts AC. 60 Hz. Shipping weight 4 lbs. Use two for stereo $19.60

LIGHT MODULATOR
★ Lights Dance in Tempo to Music ★ Connects to Any Amp., Radio, Phonos, Etc. ★ Ideal for Music Composers, Home and Parties ★ Light Sensitivity Control ★ 500 Watt Light Capacity
Size: 4½" x 2¼" x 1½". Operates on 110-120 AC. 60 Hz. Shipping weight 3 lbs. Use two for stereo $19.00

ELECTRONIC STROBE LIGHT
★ Create Old Time Movie Flicker ★ Great for Rock Groups — Exotic Dancers — Jazz Composers, Etc. ★ Walnut Finished Wood Cabinet ★ Variable Flash Rate, 1-12 Times Second
Size: 5½" x 8½" x 4½". 110-120 V. AC. 56/60 c.p.s. Shipping weight 5 lbs.

ENVIRONMENTAL LIGHT CENTER
Turned-on Lighting

SEE THE BEAT IN COLOR
★ Colored Light Patterns Dance to Music Tempo ★ Three Panels of Patterned Styrene for Maximum Light Exposure ★ Separates Hi and Low Frequency Channels ★ Connects to Hi-Fi or Stereo System, Midi Instrument Ampl., Radio, Etc. ★ Smartly Designed Walnut Finished Cabinet
Size 24" x 11½" x 7½". 110-120 volts AC. 60 c.p.s. Shpg. wt. 12 lbs.

TRIPLE CHANNEL COLOR ORGAN
★ 3 Channel color organ ★ Lights respond with different sound frequencies ★ Individual color predominance can be obtained by the adjustment of the corresponding sensitivity control ★ Bookshelf size walnut finish cabinet ★ Size: 18" x 12" x 9". 110-120 V. AC. 60 c.p.s. Shpg. wt. 11 lbs.

DUAL HEAD STROBE LIGHT
★ Lights Flash Alternately ★ Wide Angle Coverage ★ Variable Flash Rate 1-12 Times Second ★ Walnut Finished Wood Cabinet
Size: 5½" x 10" x 4½". Operates on 110-120 volts AC. 56/60 c.p.s. Ship. wt. 4 lbs.

MUSICIANS -- here's your side man!
Complete rhythm section for the single performer

"DELUXE" RHYTHM-BEAT

More than just a side man. It's your whole rhythm section. It plays the rhythm while you play the melody. Useful for the amateur, semi-professional or professional musician. This instrument will play through the amplifiers of your electric organ, guitar, or Hi-Fi. Beat sounds are mixed automatically to produce different rhythm patterns. Tempo is infinitely adjustable from slow to fast. Volume control.
★ 8 Different Beat Sounds
Tom-Tom, Conga, Claves, Snare Drum, Maracas, Cymbal-A and Cymbal-B. With this instrument you can even combine 2 rhythm circuits, call in instrument sounds at the touch of a button. Solid state circuits.
Operates on 110-120 Volts AC. 60 Hz. Size 14" W. x 13½" H. x 7½" D. Shipping weight 18 lbs.

$129.98


* MONTHLY PAYMENT CHART, See Page 18
**GRILLE CLOTH**

Make Your Old Speaker Cabinet Look Like New

**Olson Decorator Grille Fabric**

Vinyl and Plastic

Woven for proper mesh for passage of high frequencies as well as low. Your choice of latest patterns and decorator colors. Patterns vary from illustration. An \textit{Emi Best Buy!} Shipping weight 1 lb.

- Walnut or Mahogany, HF-120 36" x 36" $2.99
- Blonde, HF-123 24" x 36" $2.39
- Blonde, HF-121 24" x 36" $2.49
- Package of 2 Matched Pieces, 11" x 24" $5.99
- Walnut or Mahogany, HF-125 $2.98
- Blonde, HF-124 $2.98
- Blonde, HF-126 36" x 36" $2.98
- Walnut HF-13 + Blonde HF-14 Your choice $5.79

**BASKET WEAVE**

Hold wood grain strips run through neutral field of woven vinyl plastic. Will not sag or fade.

- Mediterranean GRILLE FABRIC Hard to pattern blends with today's most fashionable decor.
  - 24" x 24" Cotton $2.79
  - 24" x 26" Plastic $2.99

- PIECE GRILLE CLOTH KIT
  - From 7" x 10" to 12" $0.89
  - Mahogany and Blonde $0.89
  - Different Patterns $0.89

**MATCHED GRILLE FABRIC**

- Blond, HF-18
- Walnut, HF-19

- 25" x 30" OLSONTONE $1.49

**ACOUSTIC FIBERGLASS**

Ideal for lining speaker cabinets. Easy to cut, glue or staple. 9 sq. ft. package. Shipping weight 2 lbs.

- Use with Any Electric Guitar $1.98
- Adds That Distorted Way Out Sound $2.00
- Easy Plug-In Connection $1.98
- On-Off Foot Switch $1.98
- Volume and Tone Controls $1.98

**ACOUSTIC FOAM**

- No. 72" x 18" x 1/2" $29.89

**12 FT. GUITAR CABLE**

Distortion Generator $2.98

- Use with Any Electric Guitar $0.79
- Adds That Distorted Way Out Sound $1.98
- Easy Plug-In Connection $1.98
- On-Off Foot Switch $1.98
- Volume and Tone Controls $1.98

**MUSICAL INSTRUMENT AMPLIFIER HORN**

- 2 for $24 $12.98
- Use With Any Music Source $2.79
- Adds Dimension and High Frequencies Lost with Paper Cone or Bass Speakers $3.98
- Powerful 50 Watt Capacity $2.98
- Response 2000 to 20,000 Hz $3.98
- Includes Crossover Capacitor to Filter Low from High Frequency $3.98

**GUITAR SPEAKERS**

- Bass Guitar, 15" $27 oz. $8 $60 $15.95
- Bass Guitar, 12" $16 oz. $8 $50 $15.95
- Guitar Full Range, 10" $10 oz. $8 $30 $15.95

Electronic musical instrument loud speakers are highly special devices designed to give:

1. Correct Musical "Voicing" or quality required for the instrument.
2. The Power Capacity to reproduce the characteristics of the musical instrument without distortion at high volumes.
3. Unprecedented ruggedness for unusually long life under severe peak load conditions imposed in demanding applications.

**TRANSMITTER PLUG**

- Complete Transmitter in a 1/4" Plug $3.99
- Solid State Circuitry $3.99
- Ideal for Cordless Electric Guitar $3.99

**INCLUDED AT NO EXTRA COST**

- With Mighty O$ Effectively Reduces Feedback $1.98
- Built-In Pop Filter $1.98

**Olson Electric Voic**

MUSICAL INSTRUMENT and VOCAL AMPLIFIER

THE MIGHTY 'O' Like WOW! It is Powerful

- 130 Watts Peak Music Power $179.95
- Cool-Ef fient Solid State Circuity $179.95
- Rugged Vinyl-Covered Cabinet w/Metal Corner Guards $179.95
- Ideal for Rock Bands, Portable PA, DJ's Etc. $179.95
- Sturdy Side Mounted Carrying Handles $179.95
- 12" Extended Range Speaker $179.95

Size: 29½" H. x 10½" W. x 11½" D. Operates on 100-120 Volts AC 50/60 Hz. Weighting shipping 70 lbs.
Olson 20K Ohms/Volt Multimeter
- DC Volts: 0-25, 50, 500, 250 V.
- AC Volts: 0-10, 50, 500, 1000 V.
- DC Current: 0-50 μa, 2.5 ma, 250 ma.
- Resistance: 0-60 K 6 meg.
- Size: 2½ x 3¼ x 1¼. Shipping weight 2½ lbs.
- Offered at: $9.99
- Reg. $11.98

Olson 100 K Ohms/Volt Multimeter
- Pocket Size
- Complete with Test Leads
- AC and DC Volts, 0-15, 150, 1,000
- DC Current: 0-150 ma.
- Resistance: 0-100K Ohms
- Uses Penlight Battery (Incl.)
- Size: 2½ x 3¼ x 1¼. Shipping weight 2 lbs.
- Offered at: $5.98

Olson 30K Ohms/Volt Multimeter
- DC Volts: 0-6, 60, 300, 600, 1200V
- AC Volts: 0-12, 60, 300, 1200V
- DC Current: 0-60 μa, 12 ma, 300 ma
- Res.: 0-10K, 1 meg., 10 meg.
- Size: 5¼ x 3½ x 1¼ D. Shipping weight 2 lbs.
- Offered at: $19.98

Olson 30K Ohms/Volt Multimeter
- DC Volts: 0-15, 150, 1,000
- DC Current: 0-150 ma.
- Resistance: 0-100K Ohms
- Uses Penlight Battery (Incl.)
- Size: 1½ x 6 x 1¾ D. Shipping weight 2 lbs.
- Offered at: $5.98

Olson 50K Ohms/Volt Multimeter
- DC Volts: 0-6, 30, 120, 200, 1200V
- AC Volts: 0-6, 30, 120, 300, 600, 1200V
- DC Current: 0-30 μa, 6 ma, 300 ma
- Size: 4 x 6 x 1¾ D. Shipping weight 4 lbs.
- Offered at: $23.98

Olson 20K Ohms/Volt Multimeter
- Mirrored Scale
- DC Volts: 0-3, 12, 60, 120, 300, 600, 1200V
- DC Current: 0-20 to +17, +15 to +31 dB
- AC Volts: 0-6, 30, 120, 300, 600, 1200V
- 0-6 ma, 60 ma, 300 ma, 12 ma
- Size: 5¼ x 7½ x 1¼ D. Batteries and test leads included. Shipping weight 4 lbs.
- Offered at: $30

Deluxe 100K Ohms/Volt Multimeter
- Mirrored Scale
- Protective Case
- AC Volts: 0-6, 30, 120, 300, 600, 1200V
- DC Current: 0-12 ma, 6 ma, 30 ma, 12 ma
- Size: 5¼ x 7½ x 1¼ D. Batteries and test leads included. Shipping weight 4 lbs.
- Offered at: $45

Professional Vacuum Tube Voltmeter
- Resistance: 30 to 1000 meg ohms (7 Ranges)
- Operates on 110-120 volts AC 50/60 cps. Size: 6¾ x 4½ x 4½
- Shipping weight 7 lbs.
- Offered at: $49.95

52 Olson Electronics
METER OF THE MONTH

Olson 30 K OHMS/VOLT MULTIMETER

LOTS OF USES:

- Check AC Line Voltage
- Check DC Voltage and Current
- Check Resistance and Continuity
- Check Output Level

SPECIFICATIONS

- 30 K Ohms/Volt
- DC Volts: 0-1, 2.5, 10, 50, 250, 1,000
- AC Volts: 0-300
- Resistance: 0-5,000, 50K, 500K, 5 meg ohms
- Db.: -10 to +35
- DC Current: 0-50 µA, 100 ma., 250 ma., 500 ma., 10 A
- Size: 8½” x 5½” x 2¼”, Batteries and test leads included. Shpg. wt. 4 lbs.

TAUT BRAND METER

Push Button Function Selectors

Large Easy to Read Meter Face
Mirrored Scale for Accuracy

Mercury Tube Tester Kit

MODEL 990K

- Magnovac, Nevar, Decal, Compactron, Nuvistor, Octal 9-10 pin & 7 pin
- Checks emission, shorts, leakage and gas of all up-to-date tubes
- Bridge circuit meter
- Size: 6¾” x 7½” x 3½”, 115 V, 80/60 cph.
- Shipping weight 6 lbs.
- Factory Wired Model 990...$34.95

Olson KB-219...$21.95

Deluxe Mercury Tube Tester Kit

MODEL 110K

- WAS 540 in 271 CAT.
- Exclusive 2-Point Test Principle for Accuracy
- Test Decals, Magnovacs, Nuvistors, Compactrons, Octals & 7A-10 Pin
- Large, Easy to Read Meter
- Luggage Style Scuff-Proof Case
- Step-by-Step Easy to Assemble Instructions
- Size: 8¼” x 11½” x 3½”
- Shipping weight 6 lbs.
- E. J. Robeck, Star Route Box 10, Richford, VT 05470, wins choice of merchandise worth 85 from Olsen’s “Treasure Hunt.” See back cover for instructions.

Olson KB-184...$34.99

BEGINNER’S SPECIAL!

Complete Test Equipment Center at a Savings

- Ideal for Do-It-Yourselfers, Students and Servicemen
- Special Includes:
  - Mercury VTVM TE-208 (p. 52)
  - Mercury Tube Tester Kit, Model 990K (left)
  - Test Lead Kit p. 54
  - W-568 & AC Outil Converter (p. 54)
  - Sturdy Bench Frame KB-98 (p. 61)

SAVE $13.16 FROM INDIVIDUAL CAT. PRICES $70

AS-449

$10 Monthly

Olson 500 Watt Variable Voltage Control

Variable auto-transformer of toroidal core design. Delivers variable AC voltage from 9 to 190 volts. Maximum rating applies over full range of output voltage. AC input 110-125 volts AC, 50 to 60 cph. Shpg. wt. 10½ lbs.

Olson T-279...$14.95

Auto Tachometer Dwell Meter

Also Checks for Weak Voltage
- Electronically Tunes Up Any Car Made
- Fast, Easy Operation
- Checks 0-16 Volts DC battery, Etc.
- For 4, 6, or 8 Cylinder Cars
- RPM Ranges: 0-3,000, 0-6,000 RPM
- Dwell Angle Ranges: 15°-45°, 50°-60°
- Size: 6½” x 5½” x 2½”, Shpg. wt. 5 lbs.

Olson TE-250...$21.95

Olson Variable DC Power Supply

- 24 Volts DC
- 1 Amp Output
- Convenient Binding Posts
- Full Wave Rectification
- 1½” Clear View Meter
- Fuse Protected

Size: 7¼” W. x 5½” D. x 8¼” H. 110-125 V. AC, 60/60 cph. Shplng. weight 5 lbs.

Olson BA-145...$21.95

Tachometer Dwell Angle Meter

Electronically Tunes Up Any Car Made
- 8 Ranges: 0-45, 0-60, 0-90 Degrees
- For 4, 6 or 8 Cylinder Cars
- 2 RPM Ranges: 0-1200, 0-6000 RPM
- Size: 6¼” W. x 5½” H. x 2¾”, Shpg. wt. 5 lbs.

Olson TE-204...$29.95

Olson Electronics 53
SALE

ELECTRICAL TAPE

PVC

12 PC. TEST LEAD KIT

Circuit Tester Kit

TE-270

$189

Reg. $2.95

66 Ft. Roll

3/4" Wide

Shpr. wt. 1/4 lb.

Consists of two 36" red and black test leads with banana plugs on each end, 2 heavy-duty spade lugs, 2 phone tip plugs, two 5" test probes and insulated clips. Shipping weight 1/4 lb.

Battery Eliminator-Power Supplies

DC POWER SUPPLY

6 & 9 VOLT AC Adaptor

BA-132

$6.50

BA-139

$5.49

4 1/2, 6, 9 and 12 Volts

For Solid State Devices

Up to 140 MA Output

Low ripple DC power supply is perfect for solid-state modules and experimental transistor circuits. Desired voltage is selected by slide switch on front panel. Has binding posts and pilot light. Size: 5 1/4" x 3 1/4" x 3 1/4". Operates on 110-120 volts AC, 60/60 cps. Shipping weight 3 lbs.

Solid State DC Power Supply

BA-163

$18

Solid State DC Power Supply

BA-159

$7.99

3, 4 1/2, 6, 9 & 12 Volts

Up to 400 MA Output

Operates Radios, Cassette Recorders, Etc. From House Current

Has Pilot Light and On-Off Switch

Rugged Metal Cabinet

Shipping weight 3 lbs.

12 Volt DC POWER SUPPLY

BAS-155

$7.98

Completely Assembled

Output 1 Amp.

AC Input

Silicon Diodes

Well Filtered

Shipping weight 2 lbs.

NEON CIRCUIT TESTER

KIT OF 2

TE-220

$99

Reg. $125

For Radio-Electrical Circuit Testers for voltages from 120 to 280 volts AC or DC. Molded plastic with insulated leads. Completely safe. Shpr. wt. 1/4 lb.

TEST LEAD ADAPTERS

TE-224

$1.99

4 for 4

Plugs on to test probe to change to clips. Fully insulated. 90° long. Shipping weight 1/4 lb.

DELUXE TEST LEADS

TE-212

$1.99

4 for 54

60" Long

Long extra, flexible test leads with new "flexiplugs." Molded strain relief elimiates wire breakage. Standard tip plugs at end of leads fit most multimeters. Shipping weight 1/4 lb.

DIODE & RECTIFIER TESTER

TE-244

$3.19

3 for 59

Checks for Opens and Shorts

Indicates Diode Polarity

Tests Low Voltage Electrolytics

Size: 3/4" x 3/4" x 3/4". Shipping weight 1/4 lb.

BATTERY FOR ABOVE, ONE REQUIRED

BA-89

$21c

Picture Tube Brightener

T-77

$1.98

Restores Brightness

Extends Tube Life

For series or parallel wired filaments. Can be used on electrostatic or electromagnetic focus tubes. Shipping wt. 1 lb.

DEGAUSSING COIL

TV-143

$7.99

Sharpens color reception through demagnetization of the picture tube. Simply rotate degauser in front of color tube to remove color quirks. Use regularly to keep reception sharp and clear. Includes clip to store on back of set when not in use. Shipping weight 1 lb.

JEWELER'S SWISS STOP WATCH

X-121

$1.09

Color Film Picture Tube "BRITENIT""... 443

$5.73

For 90° Rectangular 23" and 25" Tubes

Brightens and restores color contrast and quality to aging color TV picture tubes. Increases filament voltage to boost emission for sharper, clearer pictures. Shipping weight 1 lb.

For more information, please visit Olson Electronics.
SLOT CAR ACCESSORIES

"SLOT CAR SURPRISE KIT"
- Wheels, Axles, Bearings, Etc.
- Components by Leading Manufacturers

A generous supply of the most needed parts for the slot-car builder. Includes a set of wheels and axles.

$1.39

Shipping wt. 3 lbs.

D. Gillmond, 213 St. Anthony, Preston, MN 55565, wins choice of merchandise worth $6 from Olson's "Treasure Hunt." See back cover for instructions.

DELUXE SURPRISE KIT
- 69 parts including gears, motor mounts, rubber girdles, chassis. Tires plus all of above. Shipping weight 2 lbs.

$2.99

HOME OILER
- Ideal for lubricating slot car wheels, bearings and household items.
- Flexible acetate container.

Shpg. wt. 3/4 lb.

SL-26 $1

4 FOR $1

RANNALLI CONTACT BRUSHES
- * Pkg. of 15 1" Strips
- * Tinned

Shpg. wt. 1/4 lb.

SL-144 2 FOR $1

MABUCHI HOBBY MOTORS
Replacement For Many Battery Powered Recorders

69¢

IN LOTS OF 4

- 1 1/2 and 3 Volt Models
- Reversible
- All Are Compact Sizes
- 3 volt DC. Size 1 1/4" x 1 1/4" x 1 1/2". Shaft: 1/8" L. x 1/8" dia.

70¢ ea. 4 @ 69¢

Same as above but has Pinion Gear pressed on shaft.

MO-239 89¢ ea. 4 @ 79¢

B. Same motor as A but has pinion gear and rear housing. Housing size 2 1/2" x 1 1/2" x 2 1/2".

99¢ ea. 4 @ 89¢

C. 1 1/2 volt DC. Heavy Duty with mounting plate. Size: 2" x 1 3/4" x 1/4". Shaft: 1/4" L. x 1/4" dia.

99¢ ea. 4 @ 89¢

Same as above but smaller. Size 1 1/4" x 1 1/4" x 1/4".

89¢ ea. 4 @ 79¢

Shipping weight 3/4 lb.

BATTERY CHARGER

$4.98

* Pays for itself by not replacing batteries as often.

Recharge 1 to 4 batteries at a time, alkaline, carbon/silver, mercury and even nickel-cadmium. 110 to 120 volts AC, 50/60 cps. Shipping weight 3 lbs.

Champion Automatic Charger. Similar to BA-103 but includes Safe-T Plug. Self regulating, stops charging when batteries are charged.

$8.98

BATTERY TESTER

$10.98

* Battery is tested Under Load Conditions (1.5V to 13.5V only)
- Large Full View Meter
- 12 Position Selector Switch
- Test Leads included
- Most Popular Ranges from 1.5 V to 240 V.

Size: 7 1/4" x 5" x 2 3/4". Shop. wt. 3 lbs.

BATTERY HOLDERS

Each Holds 6 Penlight Cells

Batteries connect in series. 9 volts to the terminals. Ideal for walkie-talkies, transistor radios, etc. Shop. wt. 3 1/2 lb.

No. BA-125 Kit of 2 99¢

2 FOR $1.79

3 1/4" x 9/8" x 2", Shop. wt. 3 lbs.

As above except each holder accepts 4 penlight cells for 6 volt applications.

No. BA-124 Kit of 2 99¢

2 FOR $1.79

PENLIGHT BATTERY HOLDERS

Each Holds 6 Penlight Cells

Batteries connect in series. 9 volts to the terminals. Ideal for walkie-talkies, transistor radios, etc. Shop. wt. 3 1/2 lb.

No. BA-125 Kit of 2 99¢

2 FOR $1.79

TIN~

SL-116 $1.39

MALLORY DURACELL

Rechargeable Alkaline Batteries

Popular "D" Size Pkg. of 2

Reg. $3.50

NOW $2.70

DURACELL

MERCURY & ALKALINE BATTERIES

They last a Lot Longer!

For Photography, Flashlights, Toys, Games and Transistor Radios.

Mercury batteries last 4 to 5 times as long as carbon/silver batteries. Alkaline last up to 8 times as long as carbon cells. Mercury batteries give longest life in transistor radios and similar equipment. Alkaline batteries are best for higher current applications such as flashlights and photo-flash. Shop. wt. 1/16 lb.

DURACELL ALKALINE BATTERIES

* Can be stored for two years or more
* Ideal for Campers—Toys—Recorders
* Three Popular Sizes

Packaged in Pairs Only

Can be Charged Up to 100 Times

Shipping weight 1/16 lb.

DURACELL CHARGERS for above BATTERIES

Charges all 3 Sizes

$8.95

MALLORY

"TEST FRESH" BATTERIES

Stock No. Volts Replaces Each Lots of Lots of

BA-89 9 Burgess, 206, RCA, VS-312, Evaready 216, and NEDA 1604 Ship. wt. 1 1/4 lbs.

21c 20c 19¢

BA-55 "D" Size 950 or RCA VSO-36

Shipping wt. 1/4 lb.

13c 6c Ea. in lots of 10 or more

BA-41 "C" Size Eveready 935, RCA VS-038

13c 12c Ea. in lots of 10 or more

BA-67 "AA" Size Eveready 910, Burgess Ray-O-Vac 2

Pkg. of 8, 59¢ 1 Pkg. $1.59

A 9 Volt Battery Eliminator/Chargers

* Charges 9V Batteries

Use to replace or charge the following batteries: Burgess 206, RCA VS-212, Evaready 216, Neda 1604, ERC-49. For 110-120 Volts AC, 50/60 cps. Size: 2 3/4" x 1 3/4" x 1 3/4". Shipping weight 1 1/4 lbs.

BA-108 $2.98

B. Charge batteries in 1 to 1 1/2 hours. Converts transistor portables to AC. Use with batteries ERC-49, MV-S610C, Burgess 206. For 110-120 Volts AC, Size, design may vary from picture. Shipping weight 1 1/2 lbs.

BA-78 $3.98

Olson Electronics 55
Olson UHF-VHF-FM COLOR TV ANTENNAS

Don't Tolerate Ghosts and Color Distortion — Use an Olson Color Approved Antenna System.

★ UHF-VHF-FM Maximum Performance System
★ Gold Protecto Finish ★ Signal Splitter included

Fast accurate assembly is guaranteed by self aligning brackets. Heavy duty 1" square aluminum boom keeps all elements of antenna properly positioned for maximum pick-up range. AA-347 delivers full power signal to your TV set even in fringe areas. Highly directional characteristics reject unwanted signal from side or rear of antenna to eliminate ghosts. Shipping weight 25 lbs. Shipped Railway Express only.

W. E. Nordholm, 812 E. Park Avenue, Anacortes, WA 98221, wins choice of merchandise worth $5 from Olson's "Treasure Hunt." See back cover for instructions.

Olson
AA-347

$29.98

FREE! UHF-VHF Splitter Included With These 6 Antennas

A.

 cleaning

B.

"MOUNT IT ANYWHERE"
★ Ideal for Attic, Crawl Space, Apartments or Outdoors
★ For Use in Strong UHF-VHF Signal Area
★ Fine for Color or Black and White
★ Complete with Mounting Hardware and Wire
★ Gold Protecto Finish

Rugged factory pre-assembled antenna offers fast, easy installation. Kit includes 50' lead-in wire, antenna, antenna mast, tripod mount, 5 screw-in insulators, 1 mast insulator, hardware, and UHF-VHF separator. Antenna length 50'. Ship wt. 8 lbs.

Olson
AA-342

$10.98

C.

 Finco

This special design antenna, with 7 VHF and 6 UHF driven elements, for suburban areas will deliver sharp, ghost-free reception. Factory pre-assembled. "Gold Protecto" finish, 63" boom. Shipping wt. 5 1/4 lbs. Shipped Railway Express Only.

Olson
AA-361

$15.98

D.

★ For Deep Fringe Areas ★ UHF-VHF-FM Maximum Performance System ★ Color or Black and White

Antenna with AA-168 rotor
Olson
AA-378

$35.00

Antenna with AA-239 rotor
Olson
AA-379

$31.00

E.

Finco

★ Deluxe 36 Element Antenna ★ "Gold Protecto" Finish ★ Pre-Assembled Construction ★ Famous Log Periodic Design ★ Heavy Duty Support Braces ★ Pre-Assembled Elements ★ High Front-to-back Ratio ★ Includes 75' Coax Cable, 5 Mast and 11 Insulators

Shipping weight 20 lbs. Shipped Railway Express Only

Olson
AA-220

*$10 MONTHLY

$66

F.

★ For fringe area reception: 18 Working elements deliver clear, sharp pictures on all existing channels and any new channels coming in the future. Gold Protecto finished. Reinforced sleeved elements are mounted on a rugged one inch square boom, fully pre-assembled. Antenna length 59". Ship wt. 5 1/2 lbs.

Shipped Railway Express Only

Olson
AA-362

$22.98

*MONTHLY PAYMENT CHART, See Page 18

56 Olson Electronics
**Rotating Antennas Improve Reception**

**Alliance Tenna Rotor**
Roto & Control Box

Make your color TV come alive! By the addition of an Alliance Tenna Rotor and an long-range color approved antenna. A precision-aimed antenna reduces interference and color distortion so that you enjoy a life-like picture. If you live in a fringe area or your picture quality varies when tuning from station to station, a rotor is a must. Rotators not only improve your TV reception, they also improve FM reception and make it possible for you to receive stations from more than one city. Takes up to 20-lb. antenna. 110-120 V. A.C. Shipping weight 11 1/2 lbs.

- **100-5 Cond Rotor Cable**
  - W-533 $4.98

Rotor thrust bearing relieves strain on motor bearings. Recommended for all large antennas.

- **Alliance C-225 Automatic Solid State Rotor**
  - AA-169 $35.97

- **Deluxe Alliance T-45 Rotor**
  - AA-168 $24.98

**UHF CONVERTER**

- **For Channels 14 to 83**
- **Easy Hook-Up to Any TV Set**
- **Equips Any Set to Receive UHF**
- **A Good Looking Accessory That Modernizes Your Old Set**
- **Styles May Vary**

Size 9 1/2" W. x 4" D. x 3 1/2" H. 110 to 120 volts A.C., 5/80 watts. Shipping weight 2 lbs.

**UHF Indoor/Outdoor Corner Reflector Antenna**

- **For Channels 13-83**
- **Gold Plated Finish**
- **High Gain**

- **Shipped Railway Express only**

**UHF ANTENNA**

- **for Color or Black & White**
- **High Gain**
- **Hardware Included for Top or Bottom Mounting**

Size: 38 1/2" H. x 11" W. x 9 1/2" D. Shipping weight 6 1/2 lbs.

**Approximate Railway Express Charges**

<table>
<thead>
<tr>
<th>Weight</th>
<th>150 Miles</th>
<th>300 Miles</th>
<th>600 Miles</th>
<th>1000 Miles</th>
<th>1500 Miles</th>
<th>1800 Miles</th>
<th>2000 Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 25 lbs.</td>
<td>$6.85</td>
<td>$7.30</td>
<td>$8.30</td>
<td>$9.75</td>
<td>$10.90</td>
<td>$12.00</td>
<td>$12.10</td>
</tr>
<tr>
<td>26 - 50 lbs.</td>
<td>$7.75</td>
<td>$8.45</td>
<td>$9.90</td>
<td>$12.10</td>
<td>$13.85</td>
<td>$15.45</td>
<td>$17.15</td>
</tr>
<tr>
<td>51 - 75 lbs.</td>
<td>$9.45</td>
<td>$10.45</td>
<td>$11.50</td>
<td>$14.40</td>
<td>$16.70</td>
<td>$18.90</td>
<td>$21.25</td>
</tr>
</tbody>
</table>

*MONTHLY PAYMENT CHART, See Page 18*

**Summer Special**

**Olson HIGH GAIN ANTENNA SYSTEM**

- **For Deep Fringe Areas**
- **Receive Stations From Other Cities**
- **UHF-VHF-FM — Color or Black and White**
- **18 Element VHF-FM Antenna**
- **High Gain UHF Antenna**
- **Alliance T-45 Rotor**
- **100-5 Cond Rotor Cable**
- **Includes Hardware Kit & Rotor Thrust Bearing**

Shop wt. 85 lbs.

- **AS-554**
  - Shipped Railway Express only $66.96

- **VHF-FM Antenna Separately**
  - AA-367 $27.98

**FREE!**

Window Feed-Thru Antenna Wire Connector with the purchase of AA-259 or AA-341.

- **No Holes Needed**
- **No Tools Required**
- **Fast Easy Installation**
- **Minimum Signal Loss**
- **For Home, Travel Trailer, Etc.**
- **For Color, Black & White, FM**

- **Shipped Railway Express only**

**Olson WINDOW TV ANTENNA KIT FOR Color & Black & White**

- **AA-299**
  - $10.98

**Olson WINDOW TV ANTENNA KIT**

- **AA-234**
  - $10.98

- **Vertical or Horizontal Mounting**
- **Ideal for Apartment Buildings, Hotels, Etc.**
- **Aluminum-Gold Corrosion Proof Finish**
- **Separate VHF-HF Orientation**
- **Expandable Window Frame Mount**

- **Shipped Railway Express Only**

**Olson FM ANTENNA KIT**

- **AA-365**
  - $10.98

- **Gold Corroborated**
- **Double Mast Mount**

An all-direction FM antenna. Complete with feed line, two mast insulators, three screw eye insulators. Shipping weight 3 1/2 lbs.

**Olson Electronics 57**
SALE

INDOOR TV-FM ANTENNA

Reg. $249

$199

Covers VHF and UHF as well as FM stations. Has 6 position phasing switch built into base. Complete with 300 ohm lead-in for any set. Extends to 34". Shipping weight 3 lbs.

Master Antenna System

- Maintains full signal to all outlets at any location
- Ideal for homes, apartments, motels, etc.
- Advanced solid state circuitry is superior to hybrid couplers which reduce signal
- Uniform gain on UHF-VHF-FM/MPX

SYSTEM INCLUDES:
1 - Signal Amplifier for 110-120 Volt, 60/66 cycle
2 - 300 to 75 ohm Matching Transformer
4 - Ivory Wall Receptacles w/connectors
4 - UHF-VHF Line Couplers
206 ft. Low Loss Coax Cable
Shipping weight 15 lbs.

$99.99

$10 Monthly

TUNABLE INDOOR TV ANTENNA

- Just turn the dial to "beam in" on the station
- Handsome walnut cabinet
- Telescoping rods
- For color and black and white
- Works with UHF, VHF and FM

Size: 4½" x 3½" x 3¼"
Shipping weight 2 lbs.

$149

TV LEAD-IN WIRE & ACCESSORIES

100' TV-FM LEAD-IN

$1.89

300 Ohm * 22 Gauge Copper
Made of pure polyethylene, conductors are all stranded copper.
Available in two grades. Shipping weight 2½ lbs.

EXTRA HEAVY DUTY 100' TV-FM LEAD-IN

$2.99

Olson 100' "Prime-Line" LEAD-IN

- For improved color reception
- UHF/VHF

$4.98

New "Prime-Line" lead-in in foam insulated and covered with abrasion resistant black jacket. The outer layer of insulation is impregnated with carbon black for super resistance to the deteriorating effects of the sun's ultra violet rays. Shpg. wt. 2 lbs.

Coaxial Cable Color Kit

$2.98

Coaxial cable color kit for easy wire identification. Includes 5 color labels. Shpg. wt. 2 lbs.

COAXIAL CABLE COLOR KIT

$1.49

Studio Color Quality Antennas

- Universal replacement for all TVs
- VHF-FM
- Folds to disappear behind set
- Mounts in seconds
- For color or black and white
- Strong adhesive backing sticks to wood, metal or plastic

Shpg. wt. 2 lbs.

$2.98

$1.48

Indoor TV Antennas

Universal Lightning Arrestor

- Protects TV set from lightning
- For flat, round or open wire
- Strap on mast or mount on wall
- No need to cut or strip lead-in wires
- Diam. x 1' shipping weight 6 lb.

$99.99

Coax Shielded 'Prime-Line' TV Lead-In

$13.99

100' Shielded 'Prime-Line' TV Lead-In

$13.99

- Balanced 300 ohms
- 300 ohm lead-in for TV or FM
- Shielded for outstanding noise-resistance performance. Each conductor is foam insulated and coated with abrasion proof vinyl. Delivers noise-free signal from antenna to set, efficiently. Shipping weight 8 lbs.

$269

Universal Lightning Arrestor

- Fused protection
- Replaceable fuses
- Rugged weather-proof construction
- Screw type connectors

Shippin weight 1 lb.

58 Olson Electronics

*MONTHLY PAYMENT CHART, SEE PAGE 18
Solid State UHF TV Tuner

TV-201
3 @ $3.99
10 @ $3.50
25 @ $2.99

Exact Replacement for Many Famous Make TV Sets
Made by General Industries
Direct Drive/Fine Tuning
Shipping weight 1 lb. Styles may vary.
Approx. size: 6” L. (incl. shaft) x 1⅛” W. x 4” H.

Filters

Olson TV Noise Filter

AA-145
$1.99

Connects in TV Antenna line
Suppress Interference
Greatly suppresses interference caused by automatic transmissions, loudspeakers, radios, televisions, etc.
Easily installed, no internal wiring required. Size 2½” x 1¼” x 1¼”. Shpr. wt. 1/2 lb.

Plug-In Noise Filter

PL-151
$1.98

Eliminates Unwanted Line Interference
Empties the noise filter into the wall outlet and plug your radio or TV into the filter. No interference caused by appliances, electric shavers, fluorescent lights, etc.
That is transmitted along the electrical wires. Size 2½” x 1¼” x 1½”. Shpr. wt. 1/2 lb.

Noise Filter For Radio, TV and Stereo

X-40
$2.99

Ant. Mtg. Hardware

Olson TV-FM Plug & Socket

AA-355
$1.99

Kit of 3 Pairs
For TV-FM lead-in extensions. Also ideal for speaker wire.
Size: Plug & Socket 1” x 1” x 1/4”. Shipping weight 1/2 lb.
M. O. Graffin, 1108 S. 15th St., Peoria, IL 61604.

TV-FM Plug & Socket

No. AA-176
4 for $4

Kit of 3 Pairs
Socket mounts on wall or base board. Plug size: 9/16” x 1/2”.
Socket: 1” x 1” x 1/4”. Shpr. wt. 1/2 lb.

Olson TV FM Wall Plate

AA-31
$1.99

3 @ $1.00
12 @ $1.00

Eliminates Unwanted Wire
Allows you to put in an outlet for 300 ohm TV lead-in wherever you wish. Comes with polarized plug, mounting hardware and complete instructions. Shipping weight 1/2 lb.

Standard TV wall plate with two antenna jacks and one 3 pin rotary jack.

AA-179
3 for $5.90

Olson Antenna Mounting Hardware Kit

AA-340
$3.99

Includes:

6-3” Masts
2-1½” Stand-offs
3-Snap-on Stand-offs
Shpr. wt. 4 lbs.

Antenna Acc.

Olson UHF-VHF Antenna Splitter

AA-247
$1.49

Connects one lead to both inputs to TV set.
Use with black and white or color TV. No signal loss. Shipping weight 1/8 lb.

Olson UHF-VHF Splitter

No. AA-184
3 for $5.10
Shpr. wt. 1/8 lb.

Olson 75-300 Ohm Antenna Match

AA-198
$1.98

Use in hospitals, apartment houses, etc. to match your TV set to the master antenna system. Converts 75 Ohm shielded coax cable to standard 300 ohm impedance to match input of TV set. Complete with coax connector. Size: 9” x 1” x 1”. Shipping weight 1/8 lb.

Olson 75-300 Ohm Antenna Splitter

AA-303
$1.98

2 for $4.50
Shpr. wt. 1/8 lb.

Olson Antenna Mounting Hardware Kit

AA-340
$3.99

Includes:

6-3” Masts
2-1½” Stand-offs
3-Snap-on Stand-offs
Shpr. wt. 4 lbs.

2-Set Couplers

Olson 2-Set Coupler

AA-292
$2.99

2 for $4.50
Shpr. wt. 1/8 lb.

Olson 300 Ohm UHF-VHF-FM Splitter

AA-358
$2.49

5 for $10.50
Shpr. wt. 1/8 lb.

Olson Low Loss Balun Coax Connector

AA-152
$2.98

Channel 2 to 8 coupler. Full power signal of two UHF or two VHF sets or a UHF and VHF set from one antenna. Ideal for FM. Size: 5” x 2” x 2”. Shipping wt. 1/8 lb.

Olson Electronics 59
SAVE! ROSIN CORE SOLDER

$2.00

Only...

with the purchase of TL-435 separately...

PENCIL SOLDERING IRON

Tip Temp. 250°$1.99

40 watt soldering iron features sturdy construction and small pyramid type point. The handle is made of break resistant bakelite. Size: 1/4" long overall, 1/4" dia. at widest point. For 110-120 volts AC, 60/60 cps. Shipping wt. 1 lb.

SOLDERING PISTOL

$2.69

Sturdy 30 watt soldering pistol features small pyramid type point. For 110-120 volts AC, 60/60 cps. Shipping weight 1 1/8 lbs.

LIGHT WEIGHT SOLDERING HEAT SINK

99c

Light weight elimination of heat sink during soldering. Packed in 100 quantities.

EPOXY GLUE

$1.00

Bonds iron, steel, brass, copper, aluminum, baking, wood, ceramics, most plastics. Shipping wt. 4 oz.

MINITORCH

$3.98

3500° Pinpoint Flam. Complete with Soldering Tip. 3 Hour Fuel Charge. For Soldering, Brazing, Pipe Sweating, Etc.

POWER CONVENIENCE CENTER

3.98

Extra Fuel Cartridges, Pkg. of 4...

LUMINEX PERSONAL PORTABLE LAMP

$15.98

Handsome Addition To Any Decor...

MAGNIFIER LAMP

$29.98

5" Dia. Lens...

CIRCULAR SLIDE RULE

$4.99

A Shirt Pocket Calculator

ELECTRIC PENCIL

$6.98

ETCHES ON METAL, PLASTIC, WOOD, ETC.

LUTRON MOTOR SPEED CONTROL

$12.95

Magnifies 45"...
4 IN 1 POCKET SOCKET

YOUR CHOICE
- Only 4½" Long
- Butylate Handle
- Two Sizes Replace & Regular Sockets
- Bright Chrome Finished Steel
Shipping weight ¾ lb.

LIMITED QUANTITY

SALE

Olson TL-507
3/16"/7/32" 3/32"/11/32"

REG. $3.98

$2.29

Olson TL-474
1/4"/5/16" 3/8"/7/16"

REG. $1.19

88¢

Kit contains 2 miniature screw drivers. One with built-in wire stripper, 1 phillips screw driver, 1 drill and 1 awl. Length 4". Shipping weight ¾ lb.

TAPE WITH-A-GRIP

Olson TA-520
99¢

★ Two Faced Pressure Sensitive Tape
★ For Fastening Anything to Any Smooth, Clean Surface
Shipping weight ½ lb.

QUICK STRIP WIRE STRIPPER

Olson TL-538
99¢

★ Strips 12-22 ga. wire
★ Lightweight - Easy to Use
★ For Solid and Stranded Wire
★ Ideal for Serviceman, Production men, Handy Man, etc.

Size: ⅛" L. × ½" Dia. Shipg. wt. ½ lb.

7-PC. DRIVER SET

Olson TL-174
$2.98


36 DRAWER PARTS CABINET

Olson CL-462
$898

2 for $16

★ Clear See-Thru Drawers
★ Sturdy Steel Frame Construction
★ Includes Drawer Dividers
★ Can Be Placed On Shelf, Mounted On Wall or Stacked
★ Fits the Thing to Protect or Store Hobby Items, Hardware, House-Hold Items, Etc.

Hex Key Tool

Olson TL-518
$1.98

★ 8 Key Sizes From ¾" thru 5/32
★ Best Quality Chrome Nickel Steel
★ Scientifically Hardened and Tempered
★ Beveled Ends Slip Easily into Screws
★ Easy-to-Grip Handle long. Shipg. wt. ¾ lb.

Olson Electronics 61
SALE
Power Transistor
Sockets

Olison
CIR-KIT
Printed Circuit Kit

$3.99
Reg. 54-97
Limited Quantity

- "Sticky-Wire"

For TO-3 Case
Package of 2
Tapped 6-32 Mounting Holes
Shipping weight 1/4 lb.

EPOXY REPLACEMENT TRANSISTORS

YOUR CHOICE
5 Selected Transistors
Replace Over 6,000
FOREIGN & DOMESTIC

- Package of 2

T1-131 P.F.P. General Purpose
low noise amplifier. Breakdown 70 volts, gain 100-200 at
150 ma. Frequency 2000 mc. Replaces: 2N345, 2N44, 2N59, 2N60,
2N65, 2N104, 2N110, 2N135, 2N458, 2N653 plus 100's more.

T1-132 P.F.P. High speed
switch, amplifier and oscillator.
Breakdown 50 volts, gain 10 at 150 ma. Frequency 400 mc.
Replaces: 2N362, 2N64, 2N78, 2N140, 2N156, 2N180, 2N144, 2N176,
2N301, 2N317, 2N250, 2N265, 2N344, 2N490, 2N498, 2N651 plus
100's more. Suggested

MOTOROLA IC EXPERIMENT KIT

5 Popular
Circuits
IC Cross Reference
Guide
- "Tips on Using IC's"
Booklet
Includes: 2N108, 2N2220, Dual Transistor, 4-Input Gate,
2-Dual, 2-Input Gates

$3.95

For 14-16 Pin Hybrid Pkgs.
- Dual In-Line Mounting
- Accepts Round or Flat Pins
- Package of 2

MOTOROLA PNP POWER TRANSISTOR

Case: TO-1
Watts Power: 895
Hertz: 2000
Amp Capacity: 2000
Germanium Type: 2N148

$3.95

Face B: 2N149, 2N150, 2N151
HEX堡: 2N152, 2N153, 2N154
- New and many more popular types. Shipping weight 1/4 lb.

HIGH FREQUENCY FM TRANSISTORS

PKG. OF 2

TR-93

"NP high frequency reliability make for latest
design. Alloy deffused technique. Replaces many popular
switches, high gain amplifier circuits. Shipping wt. 1/4 lb.

RCA POLICE, FIRE, & AIRCRAFT CONVERTERS
INTEGRATED CIRCUIT (IC) PROJECT KITS
YOUR CHOICE

$10.95

Ideal for Experimentor or Hobbist
Easy Step-by-Step Construction
Includes All Components & Printed Circuit Board
All You Need is a Soldering Iron
Converts Standard AM Radio to Hear Polce, Fire, Etc., Without Connecting
to AM Radio
Sensitive, Dependable Circuit
Operates on 9 Volt Battery (Not Included)

HEAR: AERIAL 118-136 MHz
SPACE RADIO, 136-150 MHz
POLICE, 148-164 MHz
POLICE WEATHER, 160-175 MHz

$10.95

AC Power Supply Kit for Above
PB-103

$1.95

Pencil Soldering Iron T1-448
$1.99

RCA Hobby Circuits Manual. Over 60 Solid State Projects
B-211

$1.95

Transistor Bonanza

8 Asstd. PNP & NPN Transistors
- 2 Power PNP, 2 High Frequency Audio Transistor
- 2 PNP, 2 NPN, 2 Purpose Audio Transistors

$198

Utility Box

- With Recessed Handle

- 8 IN X 4-1/2 X 2

$4.49

CA-408 2 for $5.98

62 Olson Electronics
OLSON 100 PIECE CAPACITOR KIT

TOP QUALITY TUBULAR CERAMIC CAPACITORS

Miniature Polystyrene Capacitor

YOUR CHOICE

* Great where temperature is a problem
* High insulation Resistance
* 2 Popular Values
* Package of 5
* Only 9 15 x 3 16 Dia.
* Rated at 125 WVC

C-210 99

$1.99 for 4

100 PIECE CERAMIC CAPACITOR KIT

C-211

Most are rated at 600 volts or more. Standard color code throughout. Order now and save at this low price. Shipping weight 1/2 lb.

SPRAGUE 3-SECTION ELECTROLYTIC CAPACITOR

$1.79

2 for 3.10

10 for 1.75

0.1 .002 .005

.01 .02 .03

10 MFD.

Shpg. wt. 1/4 lb.

100 PIECE RESISTOR KIT

R-77

Reg. $1.66

1/2 Price

For 20 WATT RESISTOR KIT

R-82

4 FOR $2.50

$0.50 each

Resistors are rated at 200 MFD. @ 200 WVC, 100 MFD @ 150 V.

COSMIC CAPACITORS

C-210

99

C-216

500 MFD @ 50 V., Pkg. of 5.

C-217

500 MFD @ 50 V., Pkg. of 10.

C-218

1,000 MFD @ 50 V., Pkg. of 5.

C-219

2,000 MFD @ 50 V., Pkg. of 1.

C-220

1,000 MFD @ 150 V., Pkg. of 2.

C-221

2,000 MFD @ 150 V., Pkg. of 2.

C-222

500 MFD @ 200 V., Pkg. of 2.

C-223

1,000 MFD @ 200 V., Pkg. of 2.

C-224

1,500 MFD @ 200 V., Pkg. of 1.

C-225

3,000 MFD @ 150 V., Pkg. of 1.

C-226

5,000 MFD @ 300 V., Pkg. of 1.

100 PIECE CAPACITOR KIT

C-227

$1.98

4 pkg. @ $3.50 ea.

F. P. and twist-lock electrolytic capacitors at an average cost of 15c each. Kit contains 20 assorted single, double and triple capacity electrolytics. Shpg. wt. 7 lbs.

1/2 W. CARBON RESISTORS

$1.98 6 @ $1.69

OHMS

10 1.5 K

15 4.7 K

22 10 K

33 15 K

47 47 K

100 100 K

150 150 K

220 220 K

330 330 K

470 470 K

1 M 1 M

OLSON ELECTRONICS 63
**TELEPHONE**

**SLIP-ON ASTRO COM PHONE AMPLIFIER**

- Fits all standard telephones
- Amplifies sound from receiver
- Built-in volume control
- Solid state circuitry
- Shipping weight: 3 lbs.

**TRANSPORTIZED PHONE AMPLIFIER**

- Easy to use
- Adjustable volume control
- Hand-Free conversation
- 4 transistor circuit
- Size: 10 1/8" x 4 1/2" x 4 1/2"
- Speaker: 5 1/4" x 3 1/4" x 2"
- Shipping weight: 4 lbs.
- Extra batteries (1 required) BA-69, 21c.

**TELEPHONE HANDSET AND HANGER**

- Complete with elements
- Includes called cord
- Used
- Built-in switch
- Handset only
- Reg. Hanger only
- Reg. Hanger + base
- Shipping weight: 2 lbs.

**EXTENSION PHONES**

- Factory tested used, dial phones
- Use as extension in any location
- Save money! Install your own extension phone or make your own intercom. Commercial dial phones include dial, handset, base. Shipping weight: 7 lbs.
- Model: PH-117 illustrated
- PH-117 Deluxe Phone
- PH-117 Deluxe
- PH-117 Illustrated
- PH-117 Illustrated
- Shipping weight: 6 lbs.

**WALL PHONE**

- Handset with stretch cord
- Used, factory inspected
- Styles may vary
- A very good quality wall handset, which is at home in any setting. Suitable for home-built intercom, great as a low-cost extension telephone. Shipping weight: 8 lbs.

**WALL PHONE**

- Used phone with dial
- Easy to hang on wall
- Styles may vary
- Use this dial telephone to make your intercom.

**PETITE PHONE**

- Non-skid rubber pad on bottom
- Add an extension phone anywhere you need one
- Complete with standard plug, less bells
- Shipping weight: 6 lbs.

**THE "FLIRT"**

- Convenient and modern "fold-up to hang-up." Built in dial. Complete with plug. Ideal for bedroom, kitchen or anywhere you need an extension phone.
- Shipping weight: 2 lbs.

**TELEPHONE ACCESSORIES**

- Telephone plugs & jacks
- 25' extens. telephone cable
- Durable vinyl insulation
- Standard 4 circuit plug & jack
- Shipping weight: 2 lbs.

**DECORATOR PHONES**

- One piece phone
- Used
- PH-176
- Shipping weight: 2 lbs.

**TELEPHONE ELEMENTS**

- Used
- Styles may vary
- PH-118
- Shipping weight: 3 lb.

**TELEPHONE DIAL**

- Standard telephone dial with letters and numbers
- Shipping weight: 1 lb.

**TELEPHONE WALK JACK**

- Shipping weight: 2 lbs.

**TELEPHONE CABLE**

- Durable vinyl insulation
- Standard 4 circuit plug & jack
- Shipping weight: 2 lbs.

- Used
- Styles may vary
- PH-118
- Shipping weight: 3 lb.

**COILED HANDSET CORD**

- Expands to 6'
- For 2, 8, or 4 wire systems
- Ideal replacement for W.E.A., M. North Kellog and Str. Cal. phones
- Shipping weight: 3 lb.
INTERCOM SYSTEMS Wireless and Wire

CONVENIENT - EASY TO USE - HOME - OFFICE - BUSINESS

FANON

TWO-STATION EXPANDABLE INTERCOM

AM-392

$19.95

* Ideal for Home or Office
* Advanced Solid State Circuity
* Simple Plug-In Installation
* Wlt 50' of Connecting Cable

Remote can signal even with system off. Beautiful ivory and brown finish with walnut woodgrain accents. Hand-free operation. Size: 7" x 3½" x 2". Shpg wt: 4 lbs. Operates on 110-120 volts AC. 50/60 Hz.

BOGEN

ALL MASTER TELEPHONE INTERCOM

AM-356

$29.95

This Bogen Model TQ6A allows a total of 7 Instruments to be used in a system. Any station can call any other station. 6 pushbuttons. Less cable and power supply. Shpg wt: 4½ lbs.

117 V. AC Transformer Power Supply (1 reqd.) Shpg. Wt. 5½ lbs. AM-157 $25

Complete System, 7 AM-156 and 1 AM-157, Shpg. Wt. 40 lbs. AS-657 (515 Monthly)

Cable, 10 Conductor. Shpg. Wt. 20 lbs. Per 100 Ft. No. W-366 $9.98

NO WIRE

FANON

2-STATION WIRELESS INTERCOM

AM-393

$31.95

* Advanced Integrated Circuit
* Special Built-In Noise Filter
* Capable of Two-Channel Use

No cable. Just plug them into your home electrical outlet. Your house wires carry the signal. Two handily designed units. Size: 7" x 3½" x 2". Units operate on 110-120 volts AC. (Same circuit), Shipping weight 4 lbs.

Olson

2-STATION INTERCOM SYSTEM

AM-395 $9.98

* Low cost communication for home, trailer, camp, shop, pool
* With 66 ft. of lightweight cable

Easy to wire, everything included! Plugs, tape, even wire tools. One master and one remote. Special tone calling circuit works even with power off. Shipping weight 2 lbs. Size: (Each unit), 8½ x 1½ x 4½ D. 13/16" H. x 4" D.

JUST PLUG & PLAY

FANON

FANON

AM-306

$9.98

* Master and 3 Remote Stations
* 12 Volt Battery Included
* Cable Connects All Stations

Master station has volume control and 4-way selector switch. Remote stations can call master station even with power off. Size: master; 4½ x 8½ x 2" D. Remotes: 2" W. x 4 x 4 D. Shpg. Wt. 3 lbs.

WIRELESS

FANON

DELUXE TWO-STATION WIRELESS INTERCOM

AM-316

$28

Our own design in a compact, handsonorly styled two-station intercom. Just plug the units into any outlet in your house wiring system and talk between them! Size: 5½ W. x 9" D. x 1½ H. Shpg. wt. 6 lbs. Operates on 110-120 volts AC. 50/60 Hz. (Same line circuits).

Olson

COMPACT WIRELESS INTERCOM

AM-311

$25

* No Cable To Install, Just Plug Into Any Outlet In Same Circuits
* Built-In Indicator Light

Compact, durable cases which actually adds to decor of kitchen, bedroom, patio. Your house wiring carries the signal. Saves you steps AND money. Size: 3½ W. x 5¼ D. x 1½ H. Shpg. wt. 4 lbs. Operates on 110-120 volts AC. 50/60 Hz.

* MONTHLY PAYMENT CHART, See Page 18

Olson Electronics 65
## Metal Detectors

### TUBE TESTING **FREE**
Guaranteed for a full 12 months from the date of purchase. We will replace any defective tube (excluding freight charges) within the guarantee period. This does not apply to broken tubes or burned outfilaments.

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* Denotes tube types used in color TV as well as black and white.

### Radiometric Counter
- Measures Gamma radiation to 50 Roentgens per Hour
- Detects the Presence of Radio-Active Materials
- Three Ranges: 0-5, 0-50, 0-500 r/hr
- Detects and Measures the Strength of Radio Activity in Minerals and Other Matter
- Includes a Shoulder Strap
- Operates on self-contained batteries (not included), size: 7 3/4 x 4 1/2 x 8 1/2. Shpg. wt. 8 lbs.

### FISH LOCATOR DEPTH FINDER
- Makes fishing fun electrically
- Locates Fish by Size and Water Depth
- Range 1 to 300 Feet
- Sensitive Solid State Circuit
- Includes Transducer (Sound-Collar)
- Detects Submerged Objects
- Alerts with Visual Signal
- Effective Gain and Squash Control
- Rugged Waterproof Case
- Ideal for Fresh and Salt Water Plus Ice Fishing
- Operates on 2 standard 6 volt Lantern batteries (not supplied). Shpg. wt. 10 lbs.

### Jelco

<table>
<thead>
<tr>
<th><strong>WIRELESS $999</strong></th>
<th><strong>REMOTE CONTROL</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>★ Turns Appliances and Lights Off-On From Anywhere In Your Home</td>
<td></td>
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<tr>
<td>★ Sends Control Signals Thru House Wiring</td>
<td></td>
</tr>
<tr>
<td>★ For TV, Hi-Fi or Appliances</td>
<td></td>
</tr>
<tr>
<td>★ 500 W. Capacity</td>
<td></td>
</tr>
<tr>
<td>★ Includes Sender and Receiver</td>
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### Olson Electronics

<table>
<thead>
<tr>
<th><strong>X-119</strong></th>
<th><strong>$999</strong></th>
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<tbody>
<tr>
<td><strong>Was $74.95 In 271 Cnt.</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Set of batteries for above, includes 2 &quot;D&quot; size batteries plus $2.25 volt battery. AS-384</strong></td>
<td></td>
</tr>
</tbody>
</table>

### Metal Detectors

#### Compact Budget Priced Model
- Locates Buried Coins, Rings, Gold, Etc.
- Lightweight—Easy to Use
- Solid State Circuitry
- Waterproof Search Coil
- Built-in Speaker
- Complete and Ready to Use

| Size: overall 32 1/2" D. (stem) 4 1/4" x 6 1/4". Shipw. wt. 8 lbs. |
|**$299.50** |

### Deluxe "Super Sensitive Model"
- Locates Buried Items, Coins, Gold, Etc. at Greater Depths
- Electronic Tone Sounds Upon Detection
- Dual Water-Proof Search Coils
- Solid State Circuitry
- Lightweight—Easy to Use
- Large Meter for Visual Detection
- High Impact Stylene Cabinet

| Size: Overall 42" L. (stem) x 9 1/4" x 3 1/2". Shipping wt. 12 lbs. |
|**$999.50** |

*$10 MONTHLY

### Olson Electronics

<table>
<thead>
<tr>
<th><strong>66 Olson Electronics</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>X-130</strong></td>
</tr>
<tr>
<td><strong>$10 MONTHLY</strong></td>
</tr>
<tr>
<td><strong>MONTHLY PAYMENT CHART, See Page 18</strong></td>
</tr>
</tbody>
</table>
SALE
"BATON" SWITCH
SW-458
88¢
Reg. $1.29
- New Baton Handle
- D.P.T. Contacts
- Contacts: 0.3A @ 125 V. AC
- Size: 1" x 1" x 2" x .04" handle, Shipping weight .5 lb.

\[ \text{SALE} \]
\[ \frac{1}{2} \text{ PRICE SALE} \]
\[ \text{MERCUHY SWITCH} \]
\[ \text{SW-46} \]
\[ \text{Can be Used in Thermostats - Position Indicators - Burglar Alarms - Door Switches} \]
- 6" wire Leads
- Switch Size: 1/4" x 1/4"
- Shpg. wt. 1/4 lb.

\[ \text{SALE} \]
\[ \text{SWITCH KIT} \]
\[ \text{SW-430} \]
\$1.69 Reg. $2.98
- 7 Assorted
- Some New
- Some Removed
- from New Equipment
- Single and Multi-Pole
- Shipping weight 1 lb.

\[ \text{Push On-Push Off Switch} \]
\[ \text{SW-338} \]
\$99¢
4 for $3.60
- Momentary Contact or Push-on-Push-off
- P.S.T. 0.3 A @ 125 V. AC
- 8" Wire Leads
- Mounts in 3/4" hole.
- Size: 3/4" x 1" x 3/4". Shipping weight 3/4 lb.

\[ \text{Magnetic Reed Switch} \]
\[ \text{SW-506} \]
\$1.88
3 for $5.70
- Includes Bar Magnet
- Will Switch Closes with Magnetic Field
- Ideal for Door and Window Switch or Alarm Systems, Limit Switch, Counters, Devices, Etc.
- 10 Watt - 1/2 Amp. 50 volt Contact
- Size: 1/4" x 1/4" x 3/4"., dia. with 1/4" leads. Shipping weight 1/4 lb.

\[ \text{PHONE TYPE LEVER SWITCH} \]
\[ \text{SW-431} \]
\$69¢
- SPDT contacts
- Easy Mfg.
- Rugged Construction
- 3 Locking Positions
- Heavy Duty Insulated Rollers
- Size: 3 3/4" x 1 1/4" x 1/2", plus lever. Shipping weight 1/4 lb.

\[ \text{SEE-SAW SWITCH} \]
\[ \text{SW-49} \]
\$99¢
- Works like a toggle switch
- Unique flush operating handle
- DPDT contacts
- 3/4" mounting holes
- Size: 3/4" dia. x 3/4" D.
- Shipping weight 3/4 lb.

\[ \text{ILLUMINATED ROCKER SWITCH} \]
\[ \text{SW-356} \]
\$1.19
- SPST Contacts
- 1 3/4" x 3/8" x 3/8"
- 125 V. @ 10 A
- Built-in Bulb
- Shpg. wt. 1/2 lb.

\[ \text{MINIATURE TOGGLE} \]
\[ \text{SW-413} \]
\$29¢
3 for $3.75
- Momentary Contacts
- SPDT. 3 A Contacts
- Requires 1/4" Mfg. Hole
- Spring return in both Directions.
- Size: 1" x 3/4" x 3/4" (lead lever), Shipping weight 1/4 lb.

\[ \text{DPDT SWITCH} \]
\[ \text{SW-406} \]
\$1.29
3 A.M.P. Contacts

\[ \text{DPDT TOGGLE} \]
\[ \text{SW-454} \]
\$1.49
Spring return in one direction only, center off

\[ \text{Olson Electronics} \]
86 Olson Electronics

\[ \text{HEAVY DUTY PUSH-PULL SWITCH} \]
\[ \text{SW-353} \]
\$1.19
4 for $4
- Ideal for Auto Accessories, Camper Lights, Etc.
- S.P.T. 3 amp. Capacity
- Convenient Screw Terminals
- Rugged Teflon Knob
- Mounts thru 3/4" Hole
- Size: overall: 3" L x 1" x 3/4". Shipping weight 1/2 lb.

\[ \text{POPULAR AC CIRCUIT BREAKERS} \]
\[ \text{Snap Action & Push Button Types} \]
\[ \text{Compact Size} \]
\[ \text{For 120 Volt AC Application} \]
\[ \text{AS LOW AS} \]
\$1.29
- KLLXXV 5 AMP SCREW TYPE TERMINALS
- Size: 2 1/4" x 2 1/4" x 3/4"

\$1.29
- SQUARE D 10 AMP SCREW TYPE TERMINALS
- Size: 2 1/4" x 2 1/4" x 3/4"

\$1.59
- SQUARE D 20 AMP SCREW TYPE TERMINALS
- Size: 2 1/4" x 2 1/4" x 3/4"

\[ \text{SNAP ACTION SWITCHES} \]
\[ \text{For 120 Volt AC} \]
\[ \text{AS LOW AS} \]
\$1.59
- N.O. or N.C. Contacts, SPDT.
- 10A @ 125 V. AC. 1" Lever Activator

\$1.29
- "MAGNET SWITCH" S.P.S.T.
- Contacts: 15A @ 250 V. Lever Activator with permanent Magnet.

\$1.29
- LEVER ACTION SWITCH
- SW-507 single 89¢ 4 for $3.20
- Style may vary slightly, Size: 2 1/2" x 2 1/2". Shipping weight 1 lb.

\$1.29
- 10 Amps @ 125-250 volts A.C.
- UL Listed, Snap action operation. Precision engineered, Size: 2 1/2" x 2 1/2" x 3/4", Shpg. wt. 3/4 lb.

\$1.29
- ACRO N.C. SPST Contacts, 10 Amp @ 125 V. AC. UL Listed. Size: 1 1/2" x 1 1/2" x 3/4", Shpg. wt. 3/4 lb.

\$1.29
- TOGGLE
- SPST Contacts
- S.P.T.
- Spring return in both Directions.
- Size: 1 1/2" x 1 1/2" x 3/4", Shipping weight 1/2 lb.

\$1.29
- TAB SWITCH
- Package of 2
- S.P.T.
- S.P.T.
- Size: 1 1/2" x 1/4" x 1/4". Shipping weight 1 lb.

\$1.29
- 10 Amp @ 125-250 A.C. rating

\$1.29
MOTORS and FANS

A. Enercon 10 RPM Motor
   - Ideal for Timing Devices, Displays, Science Fair Projects, etc.
   - Enclosed Gear Train • Made for Seaburg Sound Equipment • Output Shaft: 1/4" x 1 x .25" Square • Heavy Duty Case With Threaded Mounting Holes • Self Starting • Clockwise Rotation
   - Size: 2" x 3" x 1 1/2" • Shp. wt. 1 lb. • Operates on 110-120 Volts AC 50/60 Hz.
   - Reg. $7.99
   - Sale $4.49

B. 12 Volt DC Motor
   - Heavy Duty Service • Ideal for Auto Heaters and Fans • Has 1/2" x 1/2" dia. Shaft • Includes Wire Leads
   - Size: 4" x 2 1/2" dia. • Shp. wt. 4 lbs.
   - Reg. $11.25
   - Sale $3.98

C. 1/4 RPM Timing Motor
   - International Reg. Mfr. • 5" Leads • Self Starting • Dust-proof Gear Housing • Sizes 3/4" x 1/4" x 2" • Operates on 125 V. AC
   - Shp. wt. 1/2 lb.
   - Reg. $21
   - Sale $2.10

Solenoids and Relays

D. Ventilator Motor
   - Motor is ruggedly constructed of laminated steel and features permanently lubricated type bearings. Universal mounting brackets 3" and 4". Shp. wt. 1 lb.
   - Reg. $34.93
   - Sale $23.90

AC Relay

E. 24 Volt 50/60 cps Coils • 5 Amp Contact Rating • Moisture Resistant Case • Threaded Mounting Hole
   - Size: 1 3/4" x 1 3/4" • Shp. wt. 1/2 lb.
   - Reg. $29.99
   - Sale $12.95

F. 12 Volt DC Relay
   - Mfr. Type RS • SPST No Contacts • 2 Amp Contacts • 120 V. AC • Mfr. Rating: 5000 ohms • 3.5 Ma • Compact Size: 1 3/4" x 1 3/4" • Shp. wt. 1/4 lb.
   - Reg. $17.99
   - Sale $11.99

Price Electric 12V.

G. Price Electric 12V.
   - Double & Single Pole Contacts
   - Miniature Size, 3/4" Square • 2 AMP Contacts • 120 V. AC
   - New, but removed from equipment.
   - SPST N.O. SW-500, 10 @ 69c
   - DPST N.O. SW-499, 19 @ 79c

Olson Electronics 69
SPEAKER-INTERCOM-AC WIRE
3-Conductor 100 ft.
- 22 Gauge Intercom Cable
  Shpg. wt. 1 lb.
  $1.98

2-Conductor 100 ft.
- 21 Gauge Speaker Cable
  Shpg. wt. 2 lbs.
  $2.69

2-Conductor 200 ft.
- 24 Gauge Speaker Cable
  Shpg. wt. 2 lbs.
  $3.39

VALUE LINE
- Kit of 3 All direction-
  al radio antenna. Pulls
  in distant radio stations
  with remarkable ease.
  Shipping weight 1/2 lb.
- Kit No. SC-1
  Takes transistors with
  3 contacts in line or
  triangle. (J E D C).
  Size: 3/4" x 3/4", 1/2 lb.

LOOPTICKS
- Kit of 20 Deluxe #70 clips
  cadmium-plated with
  solder connection.
  Handles up to 1 amp.
  Size: 1/2".
  Shpg. wt. 1/2 lb.

MOELLER ALLIGATOR CLIPS
- No. HW-72
  Kit of 20
  For 8-10 awg pairs.
  Size: 31/2" x 1/4".
  Shpg. wt. 1/4 lb.

TRANISTOR SOCKETS
- Kit of 10
  Motorola No. SC-1
  Takes transistors with
  3 contacts in line or
  triangle. (J E D C).
  Size: 1/4" x 1/4", 1/4 lb.

BAYONET BASE PILOT LIGHT
- Kit of 2
  1 Red and 1 Green
  Shpg. wt. 1/4 lb.

9V BATTERY SNAPS
- Kit of 6
  9 volt battery
  snaps to fit popular
  9v. battery in
  transistor radio.
  Shpg. wt. 1/4 lb.

6" DIAGONAL CUTTERS
- 6-in. heavy duty,
  cuts the finest to
  the toughest wire.
  Shpg. wt. 1/4 lb.

8" NEEDLE NOSE PLIERS
- No. TL-5
  W/ side cutters
  For Radio & TV repair.
  6 inches long.
  Shpg. wt. 1/4 lb.

FUNCTIONAL POSTS
- Kit of 10 No. HW-61
  Size: 1/4" x 12"
  With side cutters.
  For Radio & TV repair.
  Shpg. wt. 1/4 lb.

INSULATING TAPE
- For bayonet type trans-
  isitors. Perfect for
  replacement in radio,
  TV or phone.
  Shpg. wt. 1/4 lb.

PILOT LAMP SOCKETS
- Kit of 10 Ass't. No. AS-848
  For bayonet type bulbs.
  Perfect for replacement
  in radio, TV or phone.
  Shpg. wt. 1/4 lb.

5 MINIATURE PLUGS & JACKS
- 8 asstd. pairs.
  Jacks are closed circu-
  it type. Ideal for
  transistors and receivers.
  Shpg. wt. 1/4 lb.

MINIATURE 6 VOLT SYNCHROS
- Designed for 6 V. but OK on
  6 V. AC.
- For direction indicators on
  Antenna, Weather Vane, etc.
- When one motor is turned, 2nd
  motor in remote location turns
  in same direction and same degree
- Wiring diagram included
- Operates on 6 V. 4000 cps.
  Size: (each) 1 3/16" D. x 2 3/4" (incl.
  shaft).
  Shpg. wt. 1 lb.

PRINTED CIRCUIT WIRE KIT
- 500 feet

5 LB. SURPRISE KIT
- Check-full of condensers, resis-
  tors, hard ware items, knobs, etc.
- Just too good to throw away.
- Great for builders and exper-
  imenters. The sort of things you'd
  save when cleaning out the junk
  drawers of your work shop.

YOUR CHOICE $1.39, 10 @ $1.29 EA.

PANEL LAMPS
- Neon Kit of 2 PL-146
  Has built-in Jewel front
  for maximum brightness.
  Kit contains two red
  and one yellow light.
  Includes 3 dropping
  resistors.
  For use on 110-120
  V. A.C. Shpg. wt. 1/4 lb.
- low Volts PL-155
  Kit of 2
  with 4 low voltage bulbs.
  Size: 1/2 x 3/4" x 2 1/2".
  Shpg. wt. 1/4 lb.
- 6 volt No. PL-62
  Kit of 2
  With 6 volt bulbs.
  Size: 1" x 1 1/4" long.
  Shpg. wt. 1/4 lb.

SWITCHES
- Toggle
  Kit of 5 No. SW-154
  (SPST and DPDT)
  Rated @ 5 amps, 125
  volts. Size: 1/2 x 1/2".
  Shpg. wt. 1/4 lb.
- Center-Off Toggle
  Kit of 2 No. SW-156
  DPDT center off toggle switches.
  Rated 6amps @ 125 volts or 8
  amps @ 250 volts. Size:
  1/2 x 3/4", 1/4 lb.
  Shpg. weight 1/4 lb.
- Slide
  Kit of 6 No. SW-153
  Assorted SPST
  DPDT and DPDT.
  Size: 1/2 x 1/4".
  Shpg. weight 1/4 lb.

FUN FOR EVERYONE!
- Receiver/Transmitter
  Chassis
  AM-969
  Size: 5/8" x 2 1/4" x 1 1/2".
  Operates on 9 volt battery (not
  included). Shipping weight 1 lb.
  Accessories: 9 Volt Battery
  (1 req'd.) BA-89
  21c
  Microphone, M-235
  60c
  3" PM Speaker, S-56
  65c

5 TRANSISTOR AMPLIFIER
- Power Output: 300 MW
  Output Impedance: 8 Ohms
  Size: 1 3/8" x 5 1/2" x 1 1/2".
  Shipping weight 1 lb.
  9 Volt Battery, BA-89
  21c
  3" PM Speaker, S-56
  45c

Olson 8" SPEAKER BAFFLE
- Scratch resistant and washable—May be
  easily painted.
- For Paging, P.A., School Rooms, Offices
- Walnut finish.
- Hang on wall or place on shelf
  Size: 10 1/2" x 9 1/2" x 6 1/2".
  Shipping weight 4 lbs.
  CA-399
  5 Less Speakers
  6 @ $5.19 ea.

Olson 8" Speaker, No. S-146
- $6.96
- Line Trans., No. L-110
- $2.29

70 Olson Electronics
Solderless Circuit Component for Experiment and Design

Olson PERF-BOARD

BUILD, DESIGN, CONSTRUCT RAPIDLY — Experimental or Permanent Electronic Circuits. Accepts Miniature Components (below) for rapid set-up. May be easily cut with saw, to size you desire. Phenolic Boards with \( \frac{3}{4} \) holes punched on .205 centers \( \frac{3}{4} \) thick.

**Unded (Punched)** PERF-BOARD

<table>
<thead>
<tr>
<th>Size</th>
<th>Ea. For 100 ea.</th>
<th>3 Lots of</th>
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<tbody>
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<td>.49 1.25 .37</td>
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**COPPER CLAD** (Punched) PERF-BOARD

<table>
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<tr>
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<th>Ea. For 100 ea.</th>
<th>3 Lots of</th>
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<tbody>
<tr>
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<td>1.74 4.43 1.33</td>
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</table>

**BINDING POSTS WITH JACKS**

- Color coded 5 red — 5 black. \( \frac{3}{4} \) long. Shipping weight \( \frac{3}{4} \) lb.
- No. HW-34: $1.19

**SPRING TYPE Banana Plugs**

- For quick and easy connections, \( \frac{3}{4} \) long. Shipping weight \( \frac{3}{4} \) lb.
- No. HW-36: $1.19

**SPADE LUGS WITH JACKS**

- Color coded 5 red — 5 black. \( \frac{3}{4} \) long. Shipping weight \( \frac{3}{4} \) lb.
- No. HW-33: $1.19

**9-PIN TUBE SOCKET**

- Binding posts pre-mounted. With mounting hardware. Shipping weight \( \frac{3}{4} \) lb.
- No. HW-39: $1.29

M. Mayler, 558 Railroad St., St. Paul, MN. 100% wins choice of merchandise worth $5 from Olson's "Quarrel Hunt." See back cover for instructions.

**NEON PILOT LAMPS**

- Your Choice $1.39

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PL-147</td>
<td>Kit of 3</td>
<td>$1.50</td>
</tr>
<tr>
<td>PL-157</td>
<td>Snap-Clamp Mount</td>
<td>$1.00</td>
</tr>
<tr>
<td>PL-159</td>
<td>Pkg. of 2</td>
<td>$1.00</td>
</tr>
<tr>
<td>PL-160</td>
<td>1 Yellow, 1 Red</td>
<td>$1.00</td>
</tr>
<tr>
<td>6' A.C. LINE CORD</td>
<td>115 volts, ( \frac{3}{4} )&quot; dia. x ( \frac{3}{4} )&quot; long, 1 Yellow, Shpg. wt. ( \frac{3}{4} ) lb.</td>
<td>$1.39</td>
</tr>
</tbody>
</table>

**RADIO/TV INTERLOCK CORDS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>W-61</td>
<td>115 volts, ( \frac{3}{4} )&quot; dia. x ( \frac{3}{4} )&quot; long, 1 Yellow, Shpg. wt. ( \frac{3}{4} ) lb.</td>
<td>$1.39</td>
</tr>
</tbody>
</table>

**SPACECERS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>WH-71</td>
<td>$1.19</td>
<td></td>
</tr>
</tbody>
</table>

**Telechron Timer**

- 15 Amp. Switch Capacity
- Slumber Switch and Buzzer Alarm
- Four Position Function Selector

- Size: \( \frac{3}{4} \)" x 3-1/2" x 5". 110-120 V, 60 Hz. (less face and hands) Shipping weight \( \frac{3}{4} \) lb.

- For Turning Off TV, Fan, Radio, Etc.

- Operates on 110-120 V, AC, 60 Hz. Switch Rating: 25 Amps @ 250 V AC, 15 H.P. @ 120 V AC.

- Do-it-yourselfer will enjoy making his own calibrated face plate and building into his equipment.

**HANDY UTILITY BOX**

- Removable Aluminum Cover
- Perfect for housing test equipment, experimental circuits, etc.
- Made of sturdy bakelite.

**Panel Set**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-130</td>
<td>$1.49</td>
<td></td>
</tr>
</tbody>
</table>

**CLIP LEADS**

- $1.79

**ELECTRICAL TIMER SWITCH**

- 90 Minute Time Cycle

- For $4.20

**Olson "PATTERN-PERF" PANEL**

- Copper Clad
- Package of 2

- $1.98

- Special pattern in copper coating makes transmitter mounting a cinch. Ideal for quick test set-ups or final construction. Pre-punched, ready to use. Size: \( \frac{3}{4} \) x \( \frac{3}{4} \)". Fits CSA-254 box above. Shipping weight \( \frac{3}{4} \) lb.
New Knobs Modernize Old Equipment

ASSORTED KNOBS
For radio and TV replacement. Variety of styles and colors.

YOUR CHOICE
$1.19 4 FOR $4

METAL KNOB SET

Olson Pointer Knobs
- Black w/Aluminum Inlay
- White Pointer Dot
- Fits 3/4" Dia.
- Shipping weight 3/4 lb.

Olson KNOB SET
- Black Plastic/Metal Trim
- Brass Insert w/Screw Scrub
- Fits 3/4" Dia., shaft
- Shipping weight 3/4 lb.

Olson Calibrated Knobs
- Black Plastic/Aluminum Trim
- Calibrated 0 thru 10
- For 3/4" Shaft
- Brass Insert W/Screw Scrub
- Size: 1/2" D. x 9/16" L
- Shipping weight 3/4 lb.

Diodes
GERMANIUM — PKG. OF 10
Replaces IN34, IN54A, IN60 and IN61. Shpg. wt. 3/4 lb.

500 MA SILICON (KIT OF 4)
- RMS: 280 Volts
- PIV: 400 Volts
- PIV: 200 Volts
- RMS A.C. Input: 700 Volts
- Recommended for all silicon rectifiers up to 2.5 amp capacity. Shipping wt. 3/4 lb.

FUSE HOLDERS
$1.19 3 FOR $2.10
- 1/8" Mtc. Hole
- Kit of three standard holders for chassis mtc.
- For 3 AG size fuses

Resistance range from 200 ohms to 1 megohm. Sensitivity 500 to 300 Angstrom units. Max. voltage 150 v. Max. dissipation 150 mw. Sizes: 1/2" dia. x 1/4" deep. Has 1" leads. Shpg. wt. 3/4 lb.
SALE!
VOLTAGE REGULATED
POWER SUPPLY

★ Ideal for
Experimenter's Bench
★ For Transistor and
Tube Applications
★ Designed and Manu-
factured in U.S. For
A Leading "Copy
Machine Company"
★ Solid State Rectifiers
★ High Capacitance
Filters

★ FIVE DC VOLTAGES

#1 -110 V, DC @ 880 ma.
Max. Ripple .5 V p-p
#2 -25 V, DC @ 450 ma.
Max. Ripple 40 V p-p
#3 -40 V, DC @ 130 ma.
Max. Ripple 90 V p-p
#4 -40 V, DC @ 245 ma.
Max. Ripple 8 V p-p

Approx. Size: 17 3/4" x 12" x 5 3/4". Approx. Shipping weight 50 lbs.

LIMITED QUANTITY

REG. $49.99

$29.99

SALE!

1/2 PRICE
RECORDING TAPE

Factory Boxed
Made in USA
7" Reel 1 Mil
Polyester Backing
Shipping weight 1 lb.

As Low As
89c

1200 ft. SW-203 @ 89c ea. 1.09 ea.
1800 ft. SW-211 @ 1.29 ea. 1.49 ea.

SALE!

INDOOR PHOTO
ELECTRIC SWITCH

★ Never Needs Setting
★ Simple Plug-In Installation.
Turns light on and off at dusk
and dawn. Size: 3 1/2" x 2 1/2" x
1 1/2". For 117 Volts AC, Capacity:
100 watts. Shipping weight 1/2 lb.

Compact Auto
Reverb

★ Operates Rear Speaker
With or Without Reverb
Combination, control turns
never cheaper on and off and
adjusts balance between
Front and rear speaker.
Complete with instructions
and connections. Size: 5/8" W. x
1 1/2" H. Operates on 12 volts, neg. ground
system. Shipping weight 3 lbs.

RA-749 Styles May Vary

REG. $99.99

$49.99

SALE!

20K
OHMS/
VOLT
MULTIMETER

45 RPM SPINDLE FOR
ABOVE

$99.99

REG. 344.90

SALE!

Acoustic Suspension ★ Heavy
Duty Magnet ★ Response: 55
Hz to 18,000 Hz. ★ Power Capacity:
5 watts. RMS. ★ Impedance: 8
Ohms. ★ Size 6" x 9" x 5".
★ Shpg. wt. 6 lbs.

$119.99

Reg. 319.98

SALE!

FM/AM PORTABLE
RADIO

USES BATTERY OR HOUSE CURRENT
★ Solid State Circuity ★ Easy-To-Read Dial
★ Telescope FM Antenna ★ Built-In AM Antenna
★ Includes AC Cord, batteries and Earphone.
Size: 3 3/4" x 4 1/2" x 2 1/2". Shpg. wt. 4 lbs.

REG. 271.98

$119.99

Olson Electronics 73
TAPE and AUTO ACCESSORIES

ALES

SALE

TAPE CARTRIDGE STORAGE RACK
Holds 6 Track Cartridges
Built-in DVD Drive
Wall-Hung Vinyl Covered
Stands Vertically or Horizontally
Size: 29 1/2" x 20 1/2" x 5"
Shipping weight 7 lbs.
CA-353 REG. $19.95 $16.95

DELUXE TAPE CADDY
4 or 8 Track Holds 24 Cartridges Alligator Vinyl Finish
Size: 17 3/4" x 8 1/2" x 8 1/2" Shipping weight 8 lbs.
CA-422 REG. $7.98

Fracoton CARTRIDGE STORAGE CABINET Holds 40, 4 or 8 Track Cartridges Attractive Walnut Finish Handsome Sliding Doors Modern Styling
Size: 24" x 8 1/2" x 17 1/2" Shipping weight 8 lbs.
CA-441 REG. $14.98

SPEAKER FOR TAPE PLAYERS
5" Heavy Duty Speakers Kit of 2 With Guides Powerful Ceramics Magnets Includes Wire and Hardware Immediate 8 Ohms Shipping weight 5 lbs.
S-600 REG. $15.73

S-600 REG. $15.73

6X4 INCH REAR DECK SPEAKER
Easy Install Speaker Pads included volume to be adjusted to desired level. Includes 6, 8, 10 ohms, and 20 watt amplifiers, shipping weight 4 lbs.
S-333 REG. $4.49 $3.29

Universal 6x4" Speaker Kit Works With Any Radio 10-2040 Ohm shipping weight 5 lbs.
S-592 REG. $4.90

HEAVY DUTY 3 1/2" SPEAKER KIT
Chrome Anodized Grilles Mounts In Door or Panels Kit for 4 or 8 Ohms Kit of 2 with Grilles Shipping weight 5 lbs.
S-58 REG. $6.90

"LOCK MOUNT" TAPE PLAYER MOUNT Prevents Car Stereo Theft Makes Tape Player or CB Re- movable Fully Adjustable For Car, Stereo, Radio, CB, etc.
Shipping weight 2 lbs.
AU-149 REG. $9.90

5-TRACK CLEANER TAPE
Cleans Heads Automatically Just slip into tape player like a regular recording tape.
Price: $9.90

8-TRACK TEST CARTRIDGE
Check Frequency Response Check Tape Tracking Check Volume & Balance Shipping weight 1 lb.
TA-610 REG. $3.49

CARTRIDGE HEAD DEMAGNETIZER Eliminates Distortion With AC Line Cord and Plug, 110-120 Volts AC, 60/60 Cps. 1 lb.
CA-636 REG. $11.98

8-TRACK DEMAGNETIZER/CLEANER Plugs Into Cigar Lighter Removes Magnetics Tape Heads and Tape Guides Operates on 12V DC Just Plug-In Like Tape Cartridge Shipping weight 1 lb.
JA-620 REG. $7.98

DELUXE 8-TRACK BLANK TAPE" Special Coated Tape Eliminates Stretching and Breaking Wide Range Response Precision Built for Trouble Free Operation Convenient Tape Index Label 1 lb.
F-655 REG. $6.99

8-TRACK BLANK TAPE CARTRIDGES
For All 8 Track Recorders 1 lb.
10 Min. 8-Track DA-292 $1.00
12 or more $0.89
10 Min. 8-Track DA-291 $1.75
12 or more $1.50

Auto Tape Player Wiring Harnesses FOUR CHOICE
Price: $4.98
Motor & 8 Track Players
1-Pin for 2 Mids Audio Stereo
AU-173 REG. $4.98
6-Pin for Tenna, Ragaer & Grace
AU-174 REG. $4.98
4-Pin for Craig, Munts, Audio
AU-175 REG. $4.98

REMOTE STARTER For Auto/Truck or Stationary Engine Ideal for Remote Starting Gasoline Powered Generator, Pumps, Etc. Includes 40 ft. Cable and Fuse For 12 V DC, 20 or 30 amp, Gnd. Eliminates Cold Start in the Morning Ride in Comfort Shipping weight 5 lbs.
AU-123 REG. $9.98

LOW FUEL LEVEL INDICATOR
Alerts You When Your Gas Is Low Adjustable from Empty to 1/4 Full Solid State Circuit Flashing Red Light Becomes Brighter as Fuel Gets Lower
Although custom designed for various cars, "Do-It-Yourselfers" will be able to install. In almost any make or year of car, truck, boat or other vehicle. Size: 1/8" x 3/4" x 1 1/2" Shipping weight 1/2 lb.
UA-75 REG. $9.90

9V BATTERY CHARGER
Keeps Batteries Fully Charged For Instant Starts For Autos, Trucks, Tractors, Bicycles, Etc. Cannot Overcharge Output 12 Volts @ 1 Amp. Shipping weight 8 lbs.
UA-104 REG. $9.90

AUTO RADAR SENTRY Audible Signal Warning of Radar Traps No Detectors Required Built-In Antenna "S" and "X" Bands Includes 3 transistors and 5 diodes This battery-powered unit will last hundreds of hours. Size: 3 1/4" x 3 1/4" x 3 1/4" Shipping wt. 3 lbs.
UA-91 REG. $31.95

MARK 10 CAPACITIVE DISCHARGE IGNITION SYSTEM Use up to 20% Increase in Gas Mileage Installs in 10 Mins. 3-10 Times Longer Spark Life Increased Acceleration and Performance 12 V. Nego. On 30 Reg. Tens. wt. 4 lbs.
UA-127 REG. $29.98

TRIPP-LITE INVERTER Built-in Battery Charger Transformer 12 Volt DC to 117 V AC Supplies 110 volt AC, 60 cycle voltage at 200 watts continuously from 12 V DC battery. Use with small power tools, electrical shaver, radio, TV, and some household appliances. Standard electrical female output. Size: 3 1/4" x 3 1/4" Shipping weight 6 lbs.
NOT FOR USE WITH REFRIGERATOR, AIR CONDITIONER, FRY PANS AND SIMILAR APPLIANCES.
RA-877 REG. $49.95

AU-156 REG. $4.98

AU-133 REG. $9.98

AU-143 REG. $2.99

AU-125 REG. $5.95

AU-124 REG. $7.95

AN-108 REG. $1.99

40 PACK REG. $1.79

10 PACK REG. $1.49

25 PACK REG. $1.59

50 PACK REG. $1.59

50 PACK REG. $1.99

30 PACK REG. $2.19

40 PACK REG. $2.19

50 PACK REG. $2.39

30 PACK REG. $2.39

40 PACK REG. $2.59

50 PACK REG. $2.59

30 PACK REG. $2.79

40 PACK REG. $2.79

50 PACK REG. $2.79

30 PACK REG. $2.99

40 PACK REG. $2.99

50 PACK REG. $2.99

30 PACK REG. $3.19

40 PACK REG. $3.19

50 PACK REG. $3.19

30 PACK REG. $3.49

40 PACK REG. $3.49

50 PACK REG. $3.49

30 PACK REG. $3.69

40 PACK REG. $3.69

50 PACK REG. $3.69

30 PACK REG. $3.89

40 PACK REG. $3.89

50 PACK REG. $3.89

30 PACK REG. $4.09

40 PACK REG. $4.09

50 PACK REG. $4.09

30 PACK REG. $4.29

40 PACK REG. $4.29

50 PACK REG. $4.29

30 PACK REG. $4.49

40 PACK REG. $4.49

50 PACK REG. $4.49

30 PACK REG. $4.69

40 PACK REG. $4.69

50 PACK REG. $4.69

30 PACK REG. $4.89

40 PACK REG. $4.89

50 PACK REG. $4.89
SAVE!
Protect Your Investment
with an
Olson AUTO BURGLAR ALARM

Universal Pushbutton Auto Radio

Motorola Bendix

Special Purchase

WAS $15.98
IN 271 CAT.
Can be mounted in most 12-volt neg. grd., cars, trucks, campers, etc. styles may vary. Approx. size: 7 1/4" W. x 9" D. x 3 1/8" H. Shipping weight 12 lbs.

Top Cowl Mounting Antenna w/cable & plug,-AA-134-$2.49 ea.

Olson FM Auto Converter

RA-257

WAS $59.97 IN 171 CAT.
Concert Hall Realism for the Car

STEREO FM AUTO RADIO

WAS $59.97 IN 171 CAT.

STEREO REVERB

STEFER 12-22222-22221-22212-22212

STEREO FM AUTO RADIO

DUAL DELAY UNITS PRODUCE BETTER EFFECT

Off/on Indicator Light

Works with Reg. Car Radio

4 Watt Amplifier

Variable Reverb Control

GIBBS

AU-134

$29.98

MPX Radios

For 12 Volt DC Neg. Gnd. Cars, Boats, Campers, Etc.

Size 61/4" W. x 2 1/4" H. x 5 1/2" D.

Shipping weight 3 lbs.

TUNABLE REVERB

AU-112

$19.99

6"x9" PM Speaker, D-135

Dual Delay Units Produce Better Effect

Operations Rear Speaker with or without Reverb

Special 2 Transistor Circuit

Deluxe 6"x9" Speaker Grille, CA-456

WIDE RANGE 6" x 9" SPEAKER KITS

For Reverbs, Radios, and Players

S-132

$9.95

9 out of 10

S-21 Was $12.98 in 171 Cat.

DELUXE

COMPLETE WITH GRILLE, FADER CONTROL, WIRE, AND INSTRUCTIONS

MADE IN U.S.A.

MADE IN U.S.A.

Fit Standard 6"x9" Cutout

Crystal Clear 3 1/2" Tweeter

Electronic Crossover

Impedance: 8 Ohms

Shipping weight 6 lbs.
Your Favorite Music While You Drive... on 8 Track Stereo

A. RANGER Compact
   - New Finger Grip Controls
   - Response: 40-12,000 Hz.
   - This compact distinctive styled unit features solid state circuitry, "out of the way" controls for safety and convenience, and a jewel pilot light complete with mounting bracket and power cord. Operates on 12 volts DC. Reg. Gnd. Size: 5" x 3" x 3/4". Shipping weight 9 lbs.
   - Price: $39.95

   Universal Mtg. Speakers $5-25
   Universal Mtg. Speakers $9.98 pr.

B. RANGER Mini-B
   - Built-in Burglar Alarm
   - Illuminated Control Knobs
   - The most exciting of the compact 8 track players which has all the features of the larger models, the built-in alarm scares off the would-be thief by the auto's horn continuously blowing. Powerful 12 volt solid state amplifier can drive multiple speakers easily. Features fine tuning, channel selector button, illuminated controls and channel indicator. Response: 40 to 12,000 Hz. Complete with mounting bracket and power cord. Operates on 12 volts DC or internal use. Size: 3 1/4" x 3 1/4" x 3/4". Shipping weight 8 lbs.
   - Price: $54.98

   Universal Mtg. Speakers $5-25
   Universal Mtg. Speakers $9.98 pr.

C. RANGER'S Finest
   - Built-in Burglar Alarm
   - Self-Cleaning Tape Head
   - Compare these quality features:
   - RANGER'S finest car player has features galore to add to its dependability and operation ease. Few slider type controls for volume, balance and tone. Along with fast forward button offer safety and convenience. The powerful solid state 14 watt amplifier delivers clean, undistorted sound. A built-in tape light makes easy viewing of tape at night. Has fine tuning, motor on-off switch for use with tuner. Illuminated track indicator and cartridge eject button. Response: 40 to 12,000 Hz. Size: 7" x 9 1/4" x 3 1/4". D. Operates on 12 volts DC neg. or pos. gnd. Shipping weight 13 lbs.
   - Price: $79.95

   Universal Mtg. Speakers $5-25
   Universal Mtg. Speakers $9.98 pr.

B. Built-in FM Stereo Radio
   - Just think! Your favorite music to add to your driving pleasure. Great for boat, camper, truck, etc. Powerful solid state amplifier delivers enough power to drive multiple speakers. New "out of the way" thumb wheels for balance, tone, volume and fine tuning. Illuminated channel and station indicator. True FM reception and stereo separation from FM or tape. Response: 40 to 18,000 Hz. Complete with mounting bracket and power cord. Operates on 12 volts DC neg. gnd. Impedance: 8 ohms. Size: 5 1/2" x 7 1/8" x 3/4" H. Shipping weight 12 lbs.
   - Price: $89.99

   Universal Mtg. Speakers $5-25
   Universal Mtg. Speakers $9.98 pr.

C. New Thumb Wheel Control FM Stereo Indicator Lamp
   - Sensitive stereo FM brings in the weakest stations. Solid state 12 watt amplifier can easily drive multiple speakers. Has illuminated channel and station indicator, fine tuning, auto/manual channel changer and built-in alarm. Response: 40 to 12,000 Hz. Complete with mounting bracket and power cord. Size: 8" W. x 9" D. x 3 1/2" H. D. Operates on 12 volts DC neg. or pos. gnd. Shipping weight 14 lbs.
   - Price: $109.95

   Universal Mtg. Speakers $5-25
   Universal Mtg. Speakers $9.98 pr.

SAVE! $1.14
on Cassette Stereo

A. CRAIG SPECIAL BUY
   - 16 Watt Solid State Amplifier
   - An ideal unit for car, boat, camper, etc. Has thumb wheels for control of volume and tone. Features automatic stop, and signal at end of tape, rewind and fast forward, plus cassette slot door that protects head and other parts from dust. Complete with mounting bracket and power cord. Response: 70 to 10,000 Hz. Impedance: 8 ohms. Size: 7" 1/2" W. x 3" 1/2" D. Operates on 12 volts DC neg. gnd. Shipping weight 8 lbs.
   - Price: $59.99

   Universal Mtg. Speakers $5-25
   Universal Mtg. Speakers $9.98 pr.

B. 20 Watt Solid State Amplifier
   - Mono Record/Stereo Play
   - Now record or take notes in your auto as they come to mind. Also ideal for boat, camper, business, etc. New thumb wheel control for safety and convenience. Has fast forward, rewind and eject control, dynamic mike, slide-out storage tray and mounting bracket. Response: 40 to 12,000 Hz. Impedance: 8 ohms. Size: 9" x 4 1/2" H. x 9" D. For 12 volts DC neg. gnd. Shipping wt: 10 lbs.
   - Price: $79.95

   Universal Mtg. Speakers $5-25
   Universal Mtg. Speakers $9.98 pr.

* MONTHLY PAYMENT CHART, See Page 18

76 Olson Electronics
For Your Driving Pleasure... Add Your Favorite Recorder/Player...

**STANDARD**
- Records and Plays Through Your Home Stereo System
- Automatic Record Level Control
A handsome addition to any stereo system. Advanced solid-state circuitry, indicator lights for program selection, pause, record, and automatic stop. Can record and stop after each program or continuously record through 4 programs. Has inputs for m.k.e and line plus oil-enclosed enclosure. Size: 3½" x 13¼" x 7¼". Operates on 110-120 volts AC, 60 cps. Shipping weight 12 lbs.

- See Blank Tapes Pg. 74
- \$119.95

**ROBERTS**
- New Slider Controls
- Plays Through Your Home Stereo
Features push-button controls, solid-state preamp, dual Vu meters, channel indicator lights and record indicator light. Has fast forward control, stereo headphone jack, and inputs for mike and line. Beautiful walnut cabinet. Sizes: 13½" x 9½" x 5½". Operates on 110-120 volts AC, 60 Hz. Shipping weight 15 lbs.

- See Blank Tapes Pg. 74
- RA-844
- Model 800B
- \$179.95

**8 Track Stereo Tape Player**
- Automatic Channel Selection
- Plays Through Your Stereo System
Plays convenient 8 track auto-type tape cartridges. Just push the pre-recorded cartridge into place, and the unit runs on automatically. Illuminated program indicators. Continuous music, or you can select the program you want. Cabinet features a blend of walnut and vinyl. Simple plug-in connections. Frequency response: 50 to 15,000 Hz. Only 4½" H. x 11½" W. x 8¼" D. Operates on 110-120 volts AC, 60 cps. Shipping weight 10 lbs.

- RA-234
- Was \$49.92 in 271 Cat.
- \$39.99

**Accessories For Your Auto Tape Player**

**Deluxe Stereo Speakers**
- Mounts Anywhere
- Ideal for car, station wagon, camper, etc. Extra wide range response, has oversize ceramic magnet and two 30-watt cables attached. Impedance: 8 ohms. Sizes: (each) 7" x 8½" x 3½". Shipping weight 3 lbs.

- S-25
- \$9.98

**Deluxe 5½" Speaker Kit**
- Mount in doors or Panels
- Ideal for auto tape players, stereo, AM/FM radios, etc. Has heavy-duty ceramic magnet and cloth rollover suspension that increases bass response. Includes snap-on chrome grilles, wire, and hardware, for 6¼" or 8 ohm impedance. Power capacity to 6 watts. Shipping weight 3 lbs.

- S-147
- 2 Kits for \$31.50
- \$15.98

**OUR FINEST**
6½" x 9½" 2-Way Auto Speaker System
- Ideal for Auto Tape Players, Radios, Recorders, Etc.
- Powerful 6½" x 1½" woofer, crystal clear 2½" tweeter and electronic crossover. Has cloth rollover suspension that gives added flexibility for deep, distortion free bass. 10 oz. ceramic magnet. Mount on rear deck, side panels, in campers, bus, etc. Complete with fader control, stylish black grille, hardware, wire, template and instructions. Shipping weight 6 lbs.

- S-151
- \$17.98

**Our Finest TRUSONIC Auto Speakers**
- The Ultimate in Car Stereo Speakers
It's like listening to your home stereo. Mounts in doors, kick panels, rear deck, etc. Has massive 4½" ceramic magnet, free-one suspension that provides deep solid bass and moisture-proof cone. Power capacity: 12 watts each speaker, wide range response and 8 ohm impedance. Kit includes 2 speakers with snap-on chrome grilles, wire, hardware, templates and instructions. Sizes: 6½" dia. x 1½" D. Shpg. wt: 8 lbs.

- S-148
- 2 Kits for \$50
- \$34.98

**Koss Auto Tape Player Stereo Headphones**
- Response: 20 to 15,000 Hz.
- 8" Retractable Cord
Ideal for keeping the kids occupied while traveling. Eliminates road and background noises, offers smooth fatigue-free response. Includes jack for hookup to player. Shpg. wt: 2 lbs.

- PH-30
- \$16.96 each
- \$19.95

*MONTHLY PAYMENT CHART, See Page 18*
Olson Deluxe 30 Watt Stereo FM/AM Receiver

- Stylish Back-out Front Panel
- Illuminated Dial and Tuning Meter
- Beautiful Walnut Finished Wood Cabinet
- Stereo Station Indicator
- Stereo Headphone Jack
- FM-AFC
- Built-In AM Antenna

Here's the ideal starter Receiver for Junior, Son, Mom or even Dad. The OA-RA-287 is one of our best buys in Stereo components. Easy to hook up—Beautiful to look at and simple to operate. It has many features found on the larger and more expensive models, but at a price you can afford.

Specifications: Tuner: Excellent Sensitivity, MPX Separation; 30db. Capture Ratio; 6 db Image Rejection; 46db Amplifier; Response: 40-20,000 Hz. Bass Control: ± 10 db @ 100 Hz. Treble Control: ± 1 db at 10,000 Hz. Impedance: 8 ohms. Inputs: Mag. Phone. and Aux (Crystal Phone or Tape Deck). Has Tape Recorder output jacks. Circuit breaker circuit protection, push button speaker connection.

Size: 18¾" x 9¾" x 5¼" D. Operates on 110-120 V. A.C. 60/60 Hz. Shipping weight 10 lbs.

FREE
12 PEARLS
$119.99
Reg. $135
*$10 Monthly

Olson RA-287

23 Channel CB 2-Way Radio

- Complete Ready for 23 Channel Operation
- All Silicon Transistors for Reliability
- Dual Conversion Receiver
- Ideal for Business, Emergency, Public Service, Etc.
- Built-in SWR Meter Lets You Tune Set to Antenna
- Includes Powerful Variable Output Desk Mike
- Walnut Finish Cabinet
- Headphone Jack for Private Listening
- Also Great for Auto on Boat

Size: 16½" x 5¼" x 9¼. Operates on 115-120 Volts 60 Hz. and 12 Volts DC.

CB-173
Reg. $390
$289.95

Olson AU-117

8 Track Auto Stereo Tape Player

- Automatic Channel Changer
- Electric Motor Speed Control
- Powerful Solid State Amplifier

Handsomely styled in black and chrome. Installs easily under dash with mounting brackets included. Clear, full range tone. Response: 80 to 12,000 Hz. Operates on 12 volts DC, neg. ground. Size: 6½" x 7½" x 3½. Shipping weight 8 lbs.

$27.99
Reg. $29

Olson AU-117

FANON 2-Way Radio

Base or Mobile

- Business, Car, Home
- Up to 12 Crystal Controlled Channels
- Solid State Circuit
- Built-in AC Power Supply
- Signal Strength Meter
- Rugged Push to Talk Mike
- Sensitive Dual Conversion Receiver

Complete with crystals for channel 9, and Mobile Mounting Brackets.

Extra Crystal Certificate: $57.99 for (1-Trans.-Receive) . . . $4.95 ea.

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Olson Deluxe Stereo Speakers

- Includes Two Speakers Complete with Cabinets
- Mount Anywhere in Car, Station Wagon, Bus Campers, Etc.
- Molded Cabinet Assists Seals and Nicks
- Features Hi-Fidelity Special Design Speakers
- Impedance: 8 Ohms

Size: 7½" W. x 5½" D. x 4½" H. Shipping weight 2 lbs.

$88.88
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Olson S-20

Custom Stereo Speakers

- Heavy Duty 3½" Speaker
- Rugged Vinyl Cabinets
- Mounts on Kick Panels, Doors, Car
- 8 Ohms

Size: 7½" W. x 5½" D. x 4½" H. Shipping weight 3 lbs.

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Reg. $3.99

Olson S-977

Compact Auto Reverb

- Operates Rear Speaker With or Without Reverb

Combination control, switch turns reverbator on and off and also adjusts balance between front and rear speaker. Complete with instructions and connectors. Size: 5½" W. x 3¾" H. Operates on 12 volts, neg. ground system. Shipping weight 2 lbs.

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6x9" Speaker Grille

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Olson S-136

6x9" Speaker Grille

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Olson CA-327

*MONTHLY PAYMENT CHART, See Page 18
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- Attractive Walnut Vinyl Covered Storage Rack
- 12 Blank 8-Track Tapes 6-30 Min., 3-48 Min., 3-70 Min.
- Rack Stands Vertically or Horizontally
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- Shipping weight 6 lbs.

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- Mount on Wall or Back of Cabinet
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SALE

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- Balance Between Front and Rear Speakers
- Shipping weight 1/4 lb.

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SALE

Deluxe Stereo Tape Caddy

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- Alligator Vinyl Covered
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- Sturdy carrying Handle
- Built-In Dividers
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Speakers, Hi-Fi

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