



# MAD MAN MARVIN\*

## SMASHES

PRICES IN AN ALL OUT BATTLE FOR MORE BUSINESS AND MORE NEW CUSTOMERS

### 4 CHANNEL IS BEAUTIFUL AND ALIVE AT ETCO

DEES GUYS SURE MOIDER THE MARKET  
\*HE'S OUR PRESIDENT

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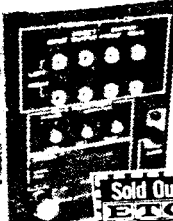
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### SPECIAL OFFER!

impossible low price!



**8.95**

CC-94 - CD 4 QUAD DEMODULATOR

Hundreds sold by ETCO... One of the most amazing bargains we've ever offered. Manufactured by Sansui during the 4-channel craze and bought up by ETCO when the market nose dived. A gold mine of parts and sophisticated circuitry for the experimenter - an almost complete decoder for those of you wishing to get involved with CD-4. The original cost of this unit must well have been over \$100. Each one is supplied with a schematic. HP099

### FANTASTIC 4-CHANNEL HEADPHONE BUYOUT!

ONLY **19.95** AT ETCO

'GRASS HEADS' WILL PROBABLY HEAR 4-CHANNELS!



Where can you buy quad headsets - and where can you buy them so cheaply. Beautiful 'jobs' - that used to sell at 2 and 3 times our low price. 18-20,000 Hz. 4 to 8 ohms, with 10' coiled cords. Switch allows 4-channel or stereo application. Four miniature high-fi speakers provide super reproduction - along with "head filling" effect. A sensational ETCO buyout! These will go fast so order yours early. VB201.

### 4-CHANNEL STEREO ADAPTER

ONLY **9.99** AT ETCO



Converts your present 2-channel stereo system to excellent quad sound with the addition of another pair of speakers, or quad headphones. Balance and selector knobs determine the mode of operation indicated by three lights on the front panel. Housed in genuine walnut wood cabinet. Terminals on rear panel for connecting amplifier and two pairs of speakers. Two jacks for connecting quad headphones on front panel. Size: 7-7/8" x 4-1/8" x 4-3/4" - 115 V. AC. VC 573

### STEREO - 4-CHANNEL REMOTE VOLUME CONTROLS

ONLY **8.99** AT ETCO



A convenient device for adjusting the volume level of quad headphones. Slide controls used for ease and accuracy of adjustment. 10 foot coiled cord with color coded stereo plugs at end plug into quad receiver. Two stereo jacks on side of box receive quad headphones. Housed in black plastic box with satin chrome panel and knobs. Individually boxed in black vinyl finish carrying case. Size 6-3/4" x 3-5/8" x 1-1/2". VC574.

### 6 VDC SOLAR ARRAY PANEL

50 MILLIAMPS PER PANEL

ONLY **16.49** EACH  
14.95 EA/3

The latest in the ETCO line of indoor hobby panels, the 6 Volt Array Panel, is designed with the capability of being connected in series or parallel to additional 6 Volt Array Panels. Silicon solar cells connected in series are mounted in a 4-1/2" x 5-3/4" plastic case. Two interconnects are located on the bottom of the panel, and two more on the side of the panel. When exposed to incandescent or natural light, each individual panel provides 6 volts at 50 milliamps. Configurations etched onto the back of each panel provide instructions for interconnection of two panels, to provide 12 volts at 50ma, or 6 volts at 100ma. Connection of four individual panels will provide 12 volts at 100ma, or 6 volts at 200ma. VB426.

### MARANTZ SQA-2 MATRIX DECODER

ONLY **33.00**

DESIGNED TO PLUG INTO ALL MARANTZ QUADRADIAL AMPLIFIERS AND RECEIVERS, AND CONVERT THEM TO 4 CHANNEL OPERATION. FEATURES FULL LOGIC SQ FOR MAXIMUM 4-CHANNEL EFFECT. UP TO 20db SEPARATION. BRAND NEW FACTORY SEALED CARTONS AT MUCH LESS THAN ORIGINAL PRICE. HP502.

### MARANTZ CD-400B DISCRETE 4-CHANNEL DISC DEMODULATOR

ONLY **49.00** \$45 EA/3 \$39 EA/10



Brand new factory sealed cartons. Complete with detailed instruction book, and calibration record. Advanced CD-4 technology including phase-locked loop for the 30KHZ carrier signal. Built in noise reduction for each channel. Rear channel calibration controls. CD-4 indicator light. While they last. HP231

### OLD STYLE VIDEO MONITORS

ONLY **39.95**

You take your chances with this one! They used to be on the ticket counters of AIR-CANADA. Tube-type. Sold as is! Could be that some parts are missing. VC320.

### 20 CONTROL STEREO GRAPHIC EQUALIZER

ONLY **149.95** AT ETCO

An extremely popular model - at an amazing ETCO discount price. Input impedance: 100,000 ohms. Output impedance: 1000 ohms. Max output level - 7V. Center frequencies: 30, 60, 120, 240, 500, 1K, 2K, 4K, 8K, 16K Hz ±10%. Control range: +12db +2 db. distortion: 0.05% THD (at +10dB output) inputs: 1, 2. Tape PB. Outputs: output, tape rec. Controls: power switch, input selector switch (3), defeat switch, 20 linear slide control with click stop center. Operates on 110VAC. 15" W X 8" D X 12-7/8" H. ZA015.

### CD-4 DEMO RECORD

ONLY **2.99** \$2.49 EA/3

For those of you into quad sound here is a rare disc. A total of 10 rousing selections recorded to give an outstanding demonstration of the capability of your equipment. Recorded by RCA (DPD-1-0084) for Sylvania. Includes a mini course in CD-4 technology on the back cover. VA378

### ENERGY FROM THE SUN

ONLY **5.95** AT ETCO

33 SOLAR PROJECTS

A how-to handbook of practical, proven ways to turn solar energy into usable electric power! This on-target project book shows you how to build 33 different solar devices, easily and inexpensively and whether you're a novice or an advanced experimenter. From a solar-powered watch to your own light-regulated power supply, here's the way to get started using the sun's energy to produce cheap, usable electricity. 182 pgs., 145 illus. TA064

### PRICE CUT 6' AC LINE CORDS

ONLY **19.00**

Heavy duty 18/2 cords - assorted colors. These cords have been clipped from recalled appliances. Just as good as virgin factory stock. VA338

### AMERICAN MADE 25' TELEPHONE CORDS

AT A "MADNESS-SALE" LOW PRICE!

ONLY **2.99** \$2.79 EA/10 94 EA/300

Away below the going price! 4-conductor. Spade lugs on one end and modular plug on the other. Telephone company quality. Give your phone that 25' mobility. PH012.

### u-build 110 POCKET CAMERA KIT

ONLY **7.99** \$6.99 EA/10



AN INCREDIBLE ETCO BUYOUT! Made to sell for twice this low price! A precision made pocket camera kit that utilizes 110 film cartridges. This is not a toy but a serious kit designed in Germany and manufactured in Japan - to teach the basics of camera technology and to provide the student with a working pocket camera that takes really fine pictures. Complete with instruction book. A marvelous gift item! While they last. VA964

### UNIQUE SOLAR PANEL

ONLY **18.88** AT ETCO

PROVIDES 3, 6, OR 9 VOLTS AT 50MA \$17.50 EA/3



Imagine 50ma (under a full sun) of free power at either of 3 popular voltages. A state-of-the-art hobby & experimental solar power supply for radios, small motors, lamps etc. The high output is achieved by a combination of ingenious concentrator lenses & reflectors. Three 2.5mm jacks provide selectable output voltages. Panel size 4" x 5-3/4". Gang several in series or parallel for increased output. VA577

### 8 OHM SOUND TRANSDUCER

LIQUIDATION SALE

ONLY **19.00** 134 EA/25 124 EA/100 94 EA/300

Actually a mini earphone. Use as a beeper or tone speaker in toys & gadgets. Its an earphone too! 2" leads. 60,000 available. VA851

### 1200', 1.5 MIL MYLAR RECORDING TAPE ON 7" REELS

**INDIVIDUALLY BOXED**

Removed from service. Excellent condition Full Money Back Guarantee TR286.

ONLY **99¢** AT ETCO

### FANTASTIC 4-CHANNEL HEADPHONE BUY OUT!

**SPECIAL PURCHASE**

**19<sup>95</sup>**



**GRASS HEADS WILL PROBABLY HEAR 8 CHANNELS!**

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### 25 ASSORTED TELEPHONE LINE CORDS

**9<sup>95</sup>** PAK  
**7.95 PAK/10**

Brand new straight telephone cords that are normally used between the instrument and the wall terminal block. These are extremely high quality. cords All are three conductor with spade terminal termination. Super flexible! Ideal for audio, instrumentation and lab equipment Assorted colors. Buy 25 for what you would normally pay for 2 VB325.

**INCREDIBLE VALUE! YOU GET 25 BRAND NEW CORDS!**

### ORIGINAL PRINCESS PHONES

ONLY **13<sup>95</sup>** AT ETCO



As removed from service. No bells. You clean 'em up and fix 'em up VC535.

**ALSO AVAILABLE**

VC536 used princess phones. dial. checked out. no bells **\$19.95**  
VC537 used (as-is) Touch Tone Princess phones less bells but otherwise complete **\$19.95**  
VC538 used (checked-out) Touch Tone princess phones less bells. Guaranteed **\$39.95**

Just got in a truckload of obsolete descrambler chassis. We haven't a clue as to what they are - except that we are selling them for parts value for the hobbyist and experimenter. All kinds of nice little coils, toroids, transistors, diodes, ICs, a little power supply and loads of resistors and capacitors. While they last. VB657

### QC-04-CD 4 QUAD DEMODULATOR

**8<sup>95</sup>**

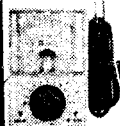
**PRICE CUT!**

**WAS 19.95** Samsul

Hundreds sold by ETCO. One of the most amazing bargains we've ever offered. Manufactured by Sansul during the 4-channel craze and bought up by ETCO when the market nose dived. A gold mine of parts and sophisticated circuitry for those of you wishing to get involved with CD-4. The original cost of this unit must well have been over \$100. Each one is supplied with a schematic. HP099.

**SALE!**

**A GREAT LITTLE RANGE SWITCH TYPE MULTIMETER KIT - THAT WILL TEACH THE BASICS OF ELECTRICITY AND WILL PROVIDE THE STUDENT WITH A VERY USEFUL TROUBLESHOOTING INSTRUMENT**



**WAS 19.95** PRICE CUT

ONLY **9<sup>95</sup>** AT ETCO

Rugged and compact when complete this kit is a sure fire way to introduce the young student to the basics of multimeters. Comes complete with PC board, case, test leads, wire, hardware, resistors, diodes etc. Operates on one pencil (not included) Ranges: 0-10, 50, 250, 1000 volts AC & DC 0-1, 100 MA 0-150,000 ohms. Sensitivity 1000 ohms/volt. Complete with step by step instructions. VA955.

**20,000 OHM/VOLT MULTITESTER KIT.** For the more advanced student. 0-5, 25, 125, 500 & 1000 volts. DC. Current range 0-50 microamps & 0-250ma. AC volts: 0-10, 50, 250 & 1000. Resistance: Rx10 (300 ohms midscale), Rx1000 (30K midscale). Expanded db scale. Complete with instruction & all parts. Operates on one pencil (not included). VA956

### CUBE STROBE

**SPECIAL PURCHASE**

**14<sup>88</sup>** AT ETCO



A quality unit that converts any room to a disco. Intensive blue white light converts peoples movements to become mechanical and jerky Dancing takes on a new dimension! Flash control. Great for parties. HP498.

200 fascinating projects

**12<sup>95</sup>**

### THE GIANT BOOK OF ELECTRONICS PROJECTS BY THE EDITORS OF 73 MAGAZINE

Test Equipment—Power Supplies—Batteries And Solar Cells—Receivers-Radio (Ham, SWL)—Receivers-TV (Modifications, Satellite)—Transmitters And Transceivers (Ham Band, Repeaters, QRP)—Antennas—Microphones—Amplifiers—One-Of-A-Kind Projects—Special Projects (Vacuum Tube Projects, Transistors Projects And IC Projects)—Test Equipment—Power Supplies And Regulators—Solar Cells, Batteries And Battery Chargers—Antennas, Mounts And Matchers—Easy One-Evening Projects. TA262.

200 fascinating up-to-date projects. 504 pages! 343 illustrations! TA262.

### VARACTOR TUNER BONANZA

**CARLOAD PURCHASE!**

AS LOW AS **3<sup>49</sup>**

We have discovered thousands of defective varactor tuners that have been removed from TV sets. While these tuners are not working - they are complete, and have not been altered in any way. A true bonanza for those in the tuner repair business or for those capable and equipped to restore these units. These will go fast so place your order early. NOTE - all units have been sorted and are described below with all the part numbers we could find on the tuners

VB192. VHF. 175-1527 (460-12) Zenith **\$3.95, \$3.49 EA/10**  
VB191. UHF. 175-1611-C (24-2612-02) 461 13-N Zenith **\$9.95, \$8.49 EA/10**  
VB190. VHF/UHF. 175-2028-459 Zenith **\$12.95, \$10.49/10**

**TINY 1-5/8" X 1-5/8" SPEAKER 79¢**

Perfect for replacement or construction projects. 8 ohms. May also be used as a microphone. Just 1 deep SP061.

**PRICE CUT**

**2" ROUND 8 OHM SPEAKER**

ONLY **99¢**

Ideal for repair or hobby applications. Small size fits in little spaces. Excellent value. SP062

**25,000 AVAILABLE**

### UNIQUE CABLE READY TV TUNER

ONLY **19<sup>95</sup>** 17.50 EA/10



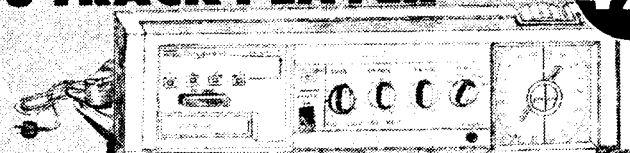
Manufactured by Standard Components for Canadian Electrohome and bears Electrohome No. 23-332-011. Actually converts the cable channels to a common IF frequency and then utilizes the UHF tuner & VHF tuner to complete the reception process. An interesting experimenter item for building cable TV converters, decoders etc. we have 600 in stock. With schematic. VA342.

VA389 detailed schematic & spec. sheet available separately **\$1.50**

### STEREO RECEIVER WITH 8 TRACK PLAYER

**49<sup>95</sup>**

**GREAT VALUE**



Broad new factory buyout! Made by MORSE. AM/FM/MPX/PPL front end. AM, FM stereo. Phono input. 8-track player, tone & balance controls, volume, LED indicators, illuminated clockwheel tuning dial. 12 watts output. Approx. size: 20" x 9" x 8". Less cabinet for custom installation. A great buy! VC461.

### NEVER MISS AN ISSUE!

Yes I enclose \$1 for a one year subscription to the Etco Catalog.

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