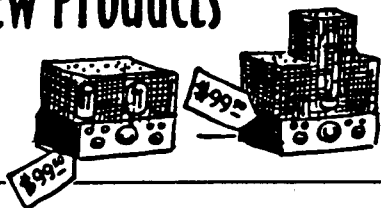


New Products



Raven Ribbon Tweeters

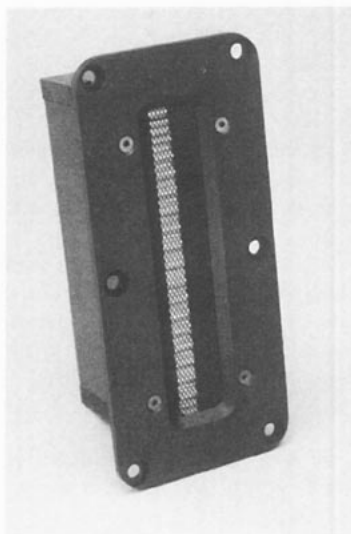
Recognizing the swelling popular demand for top quality high sensitivity drive units, ORCA is now importing the French-made Raven ribbon tweeters. Historically, ribbon drivers have been good-sounding but inefficient devices. Today's new neodymium alloy magnet materials permit ribbon transducers with very high sensitivity ratings. The spec sheet on the Ravens warns that if the magnets of two drivers are allowed to come into contact, it may be impossible to separate them! Furthermore, the super-light ribbon element of the Raven is pure conductive material (no metalized film) with 1/30th the mass of a dome tweeter!

R1 specifications

Sensitivity	95 dB/W/m
Frequency Response	2kHz - 45kHz
Impedance	6 and 12 ohm taps
Size	92mm H x 80mm W
Weight	1.14kg
	Price \$196

R2 specifications

Sensitivity	98 dB/W/m
Frequency Response	2kHz - 46kHz
Impedance	6 and 12 ohm taps
Size	92mm H X 80mm W
Weight	2.22kg
	Price \$340



Raven R2 Tweeter

ORCA
1531 Lookout Drive
Agoura, CA 91301
818-707-1629 voice
818-991-3072 fax

Marchand Vacuum Tube Crossover

The XM26 Tube Electronic Crossover is a fourth-order constant voltage crossover design that provides both low-pass and high-pass outputs. The slope of each output is 24 dB/octave. Because of the fourth-order design, the high-pass and low-pass outputs of the crossover are always in phase with each other.

The XM26 uses four 12AX7 tubes in each of the two channels. It has a solid state regulated power supply for both plate and filament voltages. The power supply employs automatic sequencing to protect the tubes from turn-on surges and to insure long tube life.

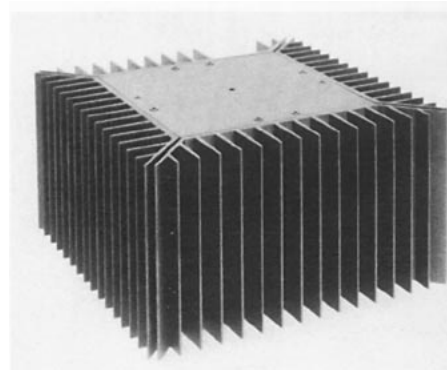
The crossover frequency of the XM26 can be set by replacing frequency modules. Crossover frequencies are available from 20 Hz to 5000 Hz. Normal slope is 24/dB constant voltage (Linkwitz-Riley) but modules for first, second, and third order slopes are also available.

The front panel features four calibrated level controls, one for each low pass and high pass and for left and right channels. A summing switch allows the low pass channels to be summed for use with a common subwoofer. A two year warranty covers everything, including the tubes. Priced at \$599 each. Frequency modules (4 required) are \$9.95 each.

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716-872-1960 voice
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<http://www.marchandelec.com>

New Developments in Silicon SE

Following on the heels of the well-received Aleph 0 power amplifier, Pass Laboratories — undisputed leader in transistor SE amplifier design — recently announced October availability of the new 30 watt Aleph 3 stereo unit. With the Aleph 3, Pass hopes to make high quality single-ended transistor performance accessible to the average mainstream enthusiast. Suggested retail price is \$2000.



Pass Aleph 3

Each channel features two gain stages: one input mosfet and an output stage consisting of paralleled power mosfets with a current source. Along with some of his comrades in the tube camp, designer Nelson Pass advocates simplicity and purity in the gain path as a recipe for pure sound. Like all Class A amplifiers, the Aleph 3 runs a bit on the warm side. Generous heatsinking is provided to prevent injury and assure long component life.

Pass Laboratories
21555 Limestone Way
Foresthill, CA 95631
916-367-3690 voice
916-367-2193 fax

Yo, where's the WE 300Bs???

Westrex Corporation recently announced that the long-awaited release of the new production Western Electric 300B is currently scheduled for mid-November. The proposed breakup of AT&T into three separate companies will have only a minor impact on the tube and production work at Western Electric Kansas City Works is making significant progress, according to Charles Whitener at Westrex.

The reintroduced WE 300B will be manufactured in the USA at AT&T facilities using original tooling and the same materials, engineering specifications, and manufacturing processes of the original units. Existing WECO warehouse stock of NOS materials, such as a proprietary filament alloy derived from a 1963 melt, will be utilized in the new tubes. Bernard Magers, senior engineer of vacuum tube production at WE since the 1950s, provided valuable input on the tube and he will remain with the project to help ensure the highest quality standards.