

What's NEW

Tell them you saw it in Monitoring Times

New Stuff – New Look

If you haven't visited the Grove Enterprises website (www.grove-ent.com) lately, you might want to point your browser to the URL above for a real treat. In addition to a more modern look, Grove has added *dozens* of new products.

Some of the product categories that radio hobbyists will be interested in include: shortwave receivers (Eton, Grundig, Icom, Kaito, Microtelcom, Sangean, and WinRadio); wide frequency receivers (AOR, Icom, and Winradio); handheld scanners (AOR, Alinco, GRE, Icom, Ramsey, Uniden and Yaesu); desktop/mobile scanners (GRE, Uniden, and WinRadio); and WiFi receivers (Grace and Sangean).



Receiving accessories can really add to the listening experience, and Grove has a good selection of amplifiers, battery packs, headphones, intermod and trap filters, noise cancellers, preamplifiers, preselectors, speakers, spectrum displays, and tuners from noted manufacturers such as ACL, Alinco, AOR, Atten Instruments, C. Crane, GAP, GRE, Heil, Icom, MFJ, PAR, Ramsey, Timewave, Uniden, Valor, WinRadio, and Yaesu.

Grove now carries a new line of products (transceivers and two-way radios). If you are looking for an amateur radio HF/VHF/UHF rig, Grove has all of the Alinco radios for you to consider. If you want to jump on the ham digital revolution, you can now purchase the AOR ARD9000MK2 digital voice modem from the website. The company also has license free radios (FRS/MURS/CB) and marine radios from Uniden.

You will also find a wide selection of shortwave/longwave antennas, VHF/UHF antennas, wide-frequency coverage antennas, radio direction finding antennas, coaxial cables, lightning arrestors, multicouplers, splitters, connectors, adapters, switches and mounts from Alinco, Antennacraft, AOR, Austin, Avcom, Create, Diamond, Grove, Grundig, Icom, LF Engineering, Max Systems, MFJ, Nil-Jon, PAR, ProComm, Select-A-Tenna, Stridsberg, and WinRadio.

A new area to explore on the website is Grove's "test and security equipment" section. Here you will find Avcom spectrum analyzers; a frequency counter from MFJ (see this month's *On*

the Bench); an Alinco DC power supply; a multi-meter from Mastech; radio/electric field detectors from ZAP and WinRadio; a Hadrian RJ-P9700 Cellular Phone Jammer; and the AOR AR-STV.

Quality and accurate radio reference material is an important part of being successful in the radio hobby, and Grove carries the best scanner control software from Scancat; digital decoder software/plug-ins from Radiocom, Wavecom and WinRadio; reference publications from Grove Enterprises, International Broadcasting Services, Ltd. (PWBR), Klingenfuss, Monitoring Times, Mr. Scanner, Radio Reference, Teak Publishing, Winradio and WRTH Publications.

You can browse and order all of your radio hobby equipment and accessories on the Grove website directly from their online catalog using their secure order system – 24/7. Add in Bob's Bargain Bin of used equipment and all of the free technical information, and you have the makings of one great website. So, why don't you drop by and pay them a visit and tell them that *MT's Whats New* sent you?!

Of course, all these new catalog items may be ordered by phone or by mail as well. Call 1-800-438-8155 or 828-837-9200 to learn how.

Yes, Monitoring Times does have a website!

I recently got an email from an *MT* reader asking if this magazine has a website? You bet we do. Maintained by *MT's* Managing Editor, Rachel Baughn, the *Monitoring Times* magazine website is a wealth of radio frequency and information that you won't find anyplace else.

In addition to our staff and columnist contact information (including addresses to their online presence), you will find an electronic sample copy of *MT*, the link to our exclusive Readers Only website, the *MT* Reference Library, index to articles back to 1994, online reviews, selected articles from *MT* (e.g. the *NASA and Space Communications* handout and current *MT Airshow Guide*), late-breaking information and much more.

So, if you would like to extend your *MT* readers experience into new areas, free stuff, and more, jump on the net and check out the *Monitoring Times* magazine website at www.monitoring-times.com/.

Ten Tec 715 RF Speech Processor

The new Ten Tec Model 715 is a true RF speech processor that can be used with virtually any HF transceiver to increase SSB average output power by up to 6 dB. Increased average SSB power output means increased readability on the other side of your QSO. It's like turning on a linear amplifier – without the amplifier.

Model 715 RF Speech Processor is a high performance, true RF-type speech processor de-

signed to operate with most modern HF Amateur Radio transceivers. RF speech processing is a superior system to the traditional AF clipping, AF compression, or RF compression found in a typical HF transceiver for achieving the highest ratio of average-to-peak power from an SSB transmitter.

- Increase average SSB power output by up to 6 dB
- Enhance readability by stations hearing your signal
- Break pileups for DXpeditions faster
- Keep your net or contest run frequency clearer
- Easy to install, easy to operate

The purpose of an RF speech processor is to increase the readability of your signal at the other end of a QSO. Speech processors do not increase peak power; they increase average power output. An up to 6 dB increase in average power output in SSB service can be achieved with the proper use of a true RF speech processor like Ten-Tec model 715.



This power increase, coupled with the ability to tailor the speech passband, can mean the difference between a signal buried under band noise or an intelligible, copyable signal.

The 715 RF speech processor is installed between the microphone and the microphone jack on your transceiver. Two inputs for microphones are provided. A conventional 8 pin microphone connector that is wired the same as the 8 pin microphone input on the Omni-VII and Orion II transceivers (also wired the same as 8 pin Yaesu connectors), and a second 1/8" input used for direct connection of microphones or headsets like Heil Sound, etc. The output connector is a 1/4" stereo connector. Output cables are available for 4 pin Ten-Tec, 8 pin Ten-Tec (also used by Yaesu), 8 pin Kenwood (also used by Elecraft), and 8 pin Icom.

The model 715 RF Speech Processor is priced at \$249 plus shipping and is available from amateur radio stores nationwide. The price includes one output cable of your choice (see above). Additional output cables are available at only \$35 each.

For more information call Ten Tec radio sales at (800) 833-7373 or email sales@tentec.com. You can visit their website at www.tentec.com.

Books and equipment for announcement or review should be sent to What's New, c/o Monitoring Times, 7540 Highway 64 West, Brasstown, NC 28902. Press releases may be faxed to 828-837-2216 or emailed to Larry Van Horn, larryvanhorn@monitoringtimes.com