

Heil Sound Headsets Are the Best Way to Keep an Ear on Things!



Pro Set 6 Headsets

These lightweight and versatile headsets let you stay in the action longer. The microphone uses the HC-6 element for unmatched performance, and the heavily padded earpieces ensure that you'll stay comfortable during long-haul contests. Pro Set 6 Headsets also include Heil Sound's exclusive phase reversal switch, which can significantly improve copy during pileups.

The iC Pro Sets feature a high-output electret condenser mic element that works well with the low-gain inputs on many Icom transceivers.

Pro Set Elite Headsets take comfort and performance up a notch, with larger, more heavily padded earpieces.

| | | |
|------------|---------------------------------|-----------------|
| HLS-PS-6 | Pro Set 6 Headset..... | \$139.95 |
| HLS-PSE-6 | Pro Set 6 Elite Headset..... | \$169.95 |
| HLS-PSE-IC | Pro Set 6 Elite iC Headset..... | \$179.95 |

Pro Micro Headsets

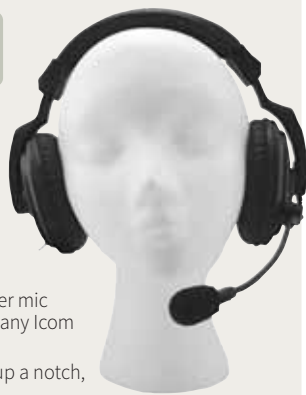
Outfitted with the same HC-6 element used in the Pro Set, these headsets are perfect for the serious amateur. The Pro Micro Headsets are fully adjustable for comfort and performance. They include a microphone windshield and are available in both single side and dual side earphone variations.

| | | |
|-----------|-------------------------------------|----------------|
| HLS-PMD-6 | Pro Micro Headset, Dual Side | \$99.95 |
| HLS-PMS-6 | Pro Micro Headset, Single Side..... | \$78.95 |

Traveler Headsets

Designed for mobile/portable use, these are the perfect companions for Field Day and DXpeditions! Heil Sound's Traveler Headsets are versatile, high performance headsets that work with over 100 different radios. They use a wide-range electret condenser element for outstanding clarity and RFI suppression. An inline switch offers PTT and up/down frequency control capability, too. These heavily padded and lightweight headsets make a perfect travelling companion.

| | | |
|----------|------------------------------------|----------------|
| HLS-HTSS | Traveler Headset, Single Side..... | \$71.95 |
|----------|------------------------------------|----------------|



HLS-PS-6



HLS-PSE-6



HLS-HTSS



ALK-2 Audio Linear Key Switch

LDG Electronics' Audio Linear Key Switch is a two-port switch box that can be used to switch between ALC lines, keying lines, speakers, or anything else you'd need. It has one common jack and two switched sets of jacks in the back, with 1/8" stereo and RCA jacks in parallel. You can even pre-set or control the switch remotely using 12 Vdc.

| | | |
|-----------|-------------------------------|----------------|
| LDG-ALK-2 | Audio Linear Key Switch | \$49.95 |
|-----------|-------------------------------|----------------|



Find More Brands, More Products and More Specs at DXEngineering.com

- We're constantly adding more products to make your on-air experience better. Check back often and see what's new.
- Want more info on anything we sell? You'll always find detailed specs there, as well as a comprehensive F.A.Q. section.
- Whenever possible, we post FREE downloadable instruction manuals and stat sheets so you can better research a product.
- There's a ton of interesting and FREE tech articles available. Maybe you can learn something new?
- You can contact us through DXEngineering.com. Whether it's an order, tech question or friendly hello, we love hearing about (and seeing) what you're working on!

USB

Microphone Preamp

A microphone preamp, headphone amp, equalizer, and D/A converter in a compact package—complete with a balanced XLR input. These are professional-quality mic preamps that plug directly into a USB port. No other external power is required. This small wonder makes desktop recording easy!



| | | |
|----------|-----------------------------|----------------|
| HLS-USBQ | USBQ Microphone Preamp..... | \$89.00 |
|----------|-----------------------------|----------------|

MFJ-392B Communications Headphones

These headphones are perfect for amateur radio and shortwave listening in all modes—SSB, FM, AM, data, and CW in mono or stereo. Each earphone has an individual volume control. The padded headband and ear-cushioned design make listening extremely comfortable. The headphones handle 450 mW and have 100-24000 Hz frequency response. Impedance: 16 Ω at 1 KHz. Sensitivity: 102 dB/mW.



| | | |
|----------|---------------------------------|----------------|
| MFJ-392B | Communications Headphones | \$24.95 |
|----------|---------------------------------|----------------|

MFJ-616 Speech Intelligibility Enhancer

"As I got older, my high frequency hearing loss was destroying...ham radio for me..." Martin Jue, K5FLU/President and Founder of MFJ Enterprises, Inc.

Developed by Martin Jue to compensate for his hearing loss, this enhancer significantly increases speech energy above 500 Hz where 83% of intelligibility is concentrated. Amateur radio communications limit audio to about 300 to 2700 Hz. The enhancer splits the audio band into four overlapping octave ranges centered at 300, 600, 1200 and 2400 Hz. You can boost or cut each range by nearly 20 dB to maximize speech intelligibility for most kinds of frequency loss.



Output audio is split into left and right channels with separate 2.5 watt amplifiers; a balance control lets you equalize the perceived loudness to each ear. The enhancer works with SSB, FM, AM, CW or any voice mode on ham, marine, aircraft, and CB bands.

| | | |
|---------|---------------------------------------|-----------------|
| MFJ-616 | Speech Intelligibility Enhancer | \$179.95 |
|---------|---------------------------------------|-----------------|

Cables and Adapters

Rugged Heilwire assemblies allow connection of Heil Sound devices to transceivers. Visit DXEngineering.com and look up your specific mic or headset and its "Suggested Parts" link to confirm compatibility.

Cables/Adapters for Icom

| | | |
|----------------|--------------------------------------|----------------|
| HLS-AD-1-I | Pro Set 8-Pin Adapter Cable..... | \$22.95 |
| HLS-AD-1-IM | Pro Set Modular Adapter Cable..... | \$22.95 |
| HLS-AD-1-IC | Pro Set 8-Pin Adapter Cable..... | \$22.95 |
| HLS-AD-1-ICM | Pro Set Modular Adapter Cable..... | \$22.95 |
| HLS-CC-1-I | XLR4 to 8-Pin Mic Cable | \$38.95 |
| HLS-CC-1-IM | XLR4 to Modular Mic Cable..... | \$38.95 |
| HLS-CC-1-XLR-I | 3 to 8-Pin Mic Cable..... | \$38.95 |
| HLS-CH-1-I8 | XLR4 to 8-Pin Mic Coil Cable..... | \$25.95 |
| HLS-CH-1-IM | XLR4 to Modular Mic Coil Cable | \$25.95 |
| HLS-HSTA-IC8 | Traveler Adapter, Icom 8-Pin | \$25.95 |
| HLS-HSTA-IM | Traveler Adapter, Icom Modular..... | \$25.95 |



HLS-CH-1-IM

Cables/Adapters for Kenwood

| | | |
|----------------|--|----------------|
| HLS-AD-1-K | Pro Set 8-Pin Adapter Cable..... | \$22.95 |
| HLS-AD-1-KM | Pro Set Modular Adapter Cable..... | \$22.95 |
| HLS-CC-1-K | XLR4 to 8-Pin Mic Cable | \$38.95 |
| HLS-CC-1-KM | XLR4 to Modular Mic Cable..... | \$38.95 |
| HLS-CC-1-XLR-K | XLR3 to 8-Pin Mic Cable | \$38.95 |
| HLS-CH1-K8 | XLR4 to 8-Pin Mic Coil Cable..... | \$25.95 |
| HLS-CH-1-KM | XLR4 to Modular Mic Coil Cable | \$25.95 |
| HLS-HSTA-K8 | Traveler Adapter, Kenwood 8-Pin | \$25.95 |
| HLS-HSTA-KM | Traveler Adapter, Kenwood Modular..... | \$25.95 |



HLS-CC-1-KM



HLS-AD-1-Y

Cables for Ten-Tec

| | | |
|------------|-------------------------------|----------------|
| HLS-CC-1-Y | XLR4 to 4-Pin Mic Cable | \$38.95 |
| HLS-CC-1-T | XLR4 to 4-Pin Mic Cable | \$38.95 |

Cables/Adapters for Yaesu

| | | |
|----------------|--|----------------|
| HLS-AD-1-Y | Pro Set 8-Pin Adapter Cable..... | \$22.95 |
| HLS-AD-1-YM | Pro Set Modular Adapter Cable..... | \$22.95 |
| HLS-CC-1-Y | XLR4 to 8-Pin Mic Cable | \$38.95 |
| HLS-CC-1-YM | XLR4 to RJ-45 Modular Mic Cable | \$38.95 |
| HLS-CC-1-XLR-Y | XLR3 to 8-Pin Mic Cable | \$38.95 |
| HLS-CH-1-Y8 | XLR4 to 8-Pin Mic Coil Cable..... | \$25.95 |
| HLS-CH-1-YM | XLR4 to Modular Mic Coil Cable | \$25.95 |
| HLS-AD-100 | Adapter, Yaesu 8-Pin Round to 6-Pin Modular..... | \$21.95 |
| HLS-ADMY-817 | Adapter, Yaesu 8-Pin Mic To FT-817 Modular | \$28.95 |
| HLS-HSTA-YM | Traveler Adapter, Yaesu 8P Modular RJ45..... | \$25.95 |



HLS-CC-1-K

Genuine Heil Sound Accessories to Complete Your Setup

HS-2 Pistol Grip Hand Switch



This ergonomic switch lets you key your transceiver when using a microphone that doesn't have a PTT switch or when noisy environments render VOX operation impossible. It installs easily, terminating in a 1/4" phono plug.

HLS-HS-2 Pistol Grip Hand Switch\$31.95

Single/Dual Channel Footswitches

These switches provide hands-free keying. You can even configure the dual switch to activate your RF Amplifier and transceiver in sequence. These sturdy steel switches are built to withstand even the hardest of stomps and they install quickly with a 1/4" phone plug.



HLS-FS-3 Single Channel Footswitch\$25.95
HLS-FS-2 Dual Channel Footswitch.....\$44.95

CB-1-PTT Microphone Base Stand

Improving upon a timeless design, these heavy, polished chrome bases include a PTT switch that can also be used as a "cough" switch. It uses standard mic mounting threads and a 24" jumper cable is included to make mic installation a breeze.



HLS-CB-1-PTT Microphone Base Stand.....\$78.00

SM-1/PRSM Microphone Shock Mounts

Using an 8-point suspension support system, these mounts fight off low frequency rumble and absorb noise caused by vibration and impact. The SM-1 is designed for slim-line Heil Sound microphones, while the PRSM is tailored to the larger diaphragm professional-grade mics. It's important to check your microphone's fit before ordering.



HLS-SM-1 Microphone Shock Mount.....\$80.00
HLS-PRSM-B Microphone Shock Mount.....\$99.95

Microphone Boom/Arm Mounts

Available in three styles, these genuine Heil Sound accessories are the ideal way to secure your boom and keep your valuable microphone safe.



HLS-FL-2 Microphone Flange Mount\$28.00
HLS-DT1 Microphone Desktop Flush Mount.....\$35.00
HLS-WM1 Microphone Vertical Surface Mount.....\$22.00

Microphone Booms and Riser

Don't put your prized microphone on anything less than a professional-grade Heil Sound Boom. These quiet booms are sturdy and durable enough to go in the most active Ham shacks and sound studios. All booms are threaded to accept standard mic accessories and are the perfect compliment to your Heil Sound Microphone. The Riser is a great solution for mounting your boom behind your transceiver.



HLS-PL2T Topless Proline Microphone Boom.....\$120.00
HLS-HB-1 Large, Articulated Microphone Boom.....\$70.00
HLS-RS1 Boom Riser.....\$28.00

PR 28 Microphone

At first glance, you might dismiss this as a simple "drumset" mic. However, if you look at its characteristics (wide frequency and quick transient response) you'll realize that it makes an ideal microphone for the Ham operator. It also has excellent rejection qualities, which makes it a great option if your shack has a lot of ambient noise from fans or fluorescent lights.



HLS-PR28 PR 28 Microphone.....\$149.00

PR 20 Microphone

As a do-it-all microphone, the PR 20 can be a valuable asset in your shack. It has a large diaphragm that captures a wide range of frequencies, particularly tailored to the upper-mid range where the human voice resides. Three interchangeable mesh screens (gold, silver and black) are included with the PR 20, so you can make sure your PR 20 is a great-looking compliment to your transceiver.



HLS-PR20 PR 20 Microphone.....\$155.00

GM Series Microphone

The gold standard of radio microphones—Heil Sound's GM Series mics offer crystal-clear audio response. They feature an exclusive light-touch PTT switch and a 4-pin XLR connector, and include a mic clip and windscreen.



The GM Vintage Microphone is tailored to full-range articulate SSB audio, particularly when paired with some high-impedance inputs typically found on older tube-type equipment.

HLS-GM-V GM Series Vintage Microphone....\$135.00

Gold Elite Microphone

Heil Sound specifically crafts this microphone for the Ham radio community. The microphone includes two distinct dynamic elements, selectable with the flip of a switch. The "Wide" setting is ideal for general voice articulation. The "Narrow" setting accentuates the lower frequency range of human voice to help smooth out the audio response.



HLS-GM-ELITE Gold Elite Microphone; \$144.95

iCM Microphone

Owners of early Icom transceivers know that they don't have a lot of gain in the microphone preamp stage. Heil Sound gives you a boost with a mic specifically suited to those transceivers. Heil Sound worked closely with Icom engineers to build a mic with an excellent frequency response, coupled with a higher output to compensate for the lack of gain from early Icom transceivers.



HLS-ICM iCM Microphone.....\$109.95

Handi Mic Microphones

These mics are the answer to muffled audio response. Well-suited to Amateur radio use, they capture crisp, clean and articulate audio. Their rugged internal shock mount makes them a durable addition to your shack. They also feature low noise handling characteristics, making them great for use in mobile or field applications. A dash/wall mount and windscreen are included.

HLS-HM-IC



The Handi Mic iC uses a high-performance output specifically tailored to Icom transceivers. The Handi Mic Pro contains the wide-range broadcast element, ideal for VHF FM rigs.

HLS-HM-IC Handi Mic iC.....\$88.95
HLS-HM-PRO Handi Mic Pro.....\$88.95



New!



Heil Sound Microphones—The First Step to a Crystal-Clear Transmission "The Fin" Microphone

Classic style with cutting-edge performance: The Fin recreates a classic vintage vibe, but uses a voice coil similar to Heil Sound's modern PR 20 microphone. You get excellent frequency response, specifically in the human voice sweet spot.

But what really makes this mic stand out is the brilliant chrome finish and colored windscreen. For a final touch, activate the four hidden LEDs and the Fin will really make your shack shine.

HLS-FIN The Fin Microphone, Blue\$220.00
HLS-FINR The Fin Microphone, Red\$241.00
HLS-FINW The Fin Microphone, White\$241.00

HM-12 Genesis Series Microphone

A Microphone designed specifically for you, the Ham radio operator. Made to work well with almost any low-impedance transceiver, this microphone is well suited to reproduce the human voice. It also features an internal windscreen to cut down on annoying P-pops. This mic uses a 4-pin XLR connector with a soft touch PTT switch wired to pins 3 and 4, while pins 1 and 2 carry audio.



HLS-HM-12 Genesis Series Microphone.....\$69.95

PR 781 Microphone

Heil Sound gives you a professional-quality microphone that will provide years of service in your shack. Building upon the legendary PR 780, this dynamic cardioid microphone features a wide frequency response that retains the signature Heil Sound voice articulation.



The PR 781 works well with practically any high-quality transceiver. In fact, you'll find these same mics in use in many commercial broadcast studios.

HLS-PR781 PR 781 Microphone.....\$169.95

PR 40 Microphone

With the widest frequency range of any dynamic mic in the PR series, this microphone is the workhorse of professional sound recording studios. It features a shock-mounted, low mass diaphragm, which gives you stellar sound reproduction in a durable chassis. An internal filter prevents dreaded breath blast and cuts down on P-pops, too. This microphone is simply one of the best all-around mics for audio engineers and Ham operators alike.



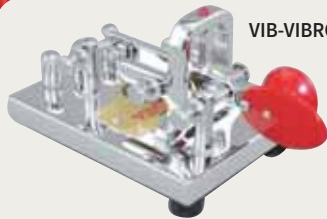
HLS-PR40 PR 40 Microphone.....\$327.00

PR 30 Microphone

The PR 30 Microphone is packed with features you don't normally see at this price. It is ideal for the operator who doesn't want to compromise on audio reproduction. This mic uses a humbucking coil and shock-mounted diaphragm for virtually noise-free performance. The internal passive filtering cuts down on P-pops and minimizes hissing, making it a perfect compliment for your rig.



HLS-PR30 PR 30 Microphone.....\$252.00



VIB-VIBROKEYER-D



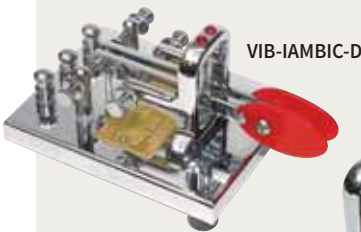
VIB-IAMBIC-D



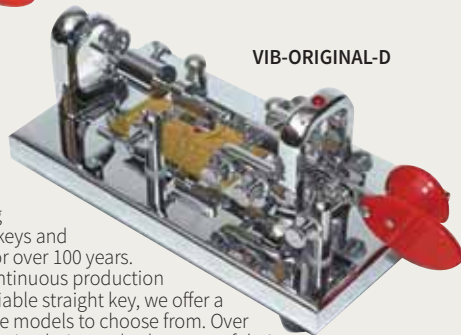
VIB-HK-STD



VIB-CODEWARR-JR



VIB-IAMBIC-D



VIB-ORIGINAL-D

Vibroplex Keys and Accessories

Vibroplex has been a leading manufacturer of quality CW keys and amateur radio accessories for over 100 years. From the Original Bug (in continuous production since 1905) to the always-reliable straight key, we offer a wide selection of dependable models to choose from. Over 300,000 Vibroplex keys are in circulation today because of their durability and unwavering performance.

| | |
|------------------|--|
| Keys | |
| VIB-BLRACER-STD | Blue Racer \$199.95 |
| VIB-CODEWARR-JR | Black Code Warrior Jr..... \$99.95 |
| VIB-IAMBIC-S | Iambic Paddle Standard \$149.95 |
| VIB-IAMBIC-D | Iambic Paddle Deluxe..... \$189.95 |
| VIB-IAMBIC-P | Iambic Paddle Presentation \$269.95 |
| VIB-IAMBIC-G | Iambic Paddle Gold \$289.95 |
| VIB-VIBROKEYER-S | Vibrokeyer Single Paddle Standard \$149.95 |
| VIB-VIBROKEYER-D | Vibrokeyer Single Paddle Deluxe..... \$189.95 |
| VIB-VIBROKEYER-G | Vibrokeyer Single Paddle Gold \$309.95 |
| VIB-ORIGINAL-S | Original Bug Standard..... \$189.95 |
| VIB-ORIGINAL-D | Original Bug Deluxe..... \$239.95 |
| VIB-ORIGINAL-P | Original Bug Presentation..... \$299.95 |
| VIB-ORIGINAL-G | Original Bug Gold..... \$369.95 |
| VIB-HK-STD | Straight Key Standard \$149.95 |
| VIB-HK-DELUXE | Straight Key Deluxe Chrome..... \$189.95 |
| VIB-HK-GOLD | Straight Key Gold \$299.95 |

| | |
|--------------------|--|
| Accessories | |
| VIB-DC-VIBRO | Dust Cover for HK/Iambic/Vibrokeyer \$34.95 |
| VIB-DC-ORIG | Dust Cover for Original Bug..... \$35.95 |
| VIB-DC-RACER | Dust Cover for Racer \$29.95 |
| VIB-CP-2 | 2-Conductor Cable 1/4" Plug (Bug or Hand Key) \$9.95 |
| VIB-CP-3 | 3-Conductor Cable 1/4" Plug (Paddles) \$9.95 |
| VIB-CP-3-3-5MM | 3-Conductor Cable 3.5mm Plug (Paddles)..... \$9.95 |
| VIB-COFFEMUG | Vibroplex Coffee Mug..... \$9.95 |



VIB-DC-VIBRO



VIB-COFFEMUG



VIB-CP-2

Vibrocube

How many times have you had to reposition your paddles after a few minutes of use? Smaller, lightweight paddles can slide around your table, causing frustration and aggravating delays. Vibroplex tackles this problem head-on with the Vibrocube. These heavy-duty paddles tip the scales at over six pounds! They're made of steel, zinc and brass for a durable and stable iambic paddle—ideal for the enthusiastic CW user.



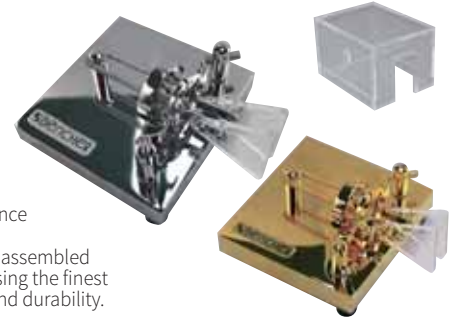
New!

| | | |
|------------------|-----------------------------------|----------|
| VIB-VIBROCUBE-D | Vibrocube Deluxe | \$289.95 |
| VIB-VIBROCUBE-SU | Vibrocube Standard Upgraded | \$219.95 |
| VIB-VIBROCUBE-S | Vibrocube Standard | \$189.95 |

BENCHER, INC.

Bencher Keys and Accessories

Equip your station with the performance of Bencher keys and accessories. All Bencher products are fabricated and assembled by skilled professionals in the USA, using the finest materials for superior performance and durability.



Keys

| | | |
|----------|---|----------|
| BNR-RJ-1 | Hand Key, Black Base..... | \$139.95 |
| BNR-RJ-2 | Hand Key, Chrome Base | \$159.95 |
| BNR-BY-1 | Iambic Paddle, Black Base/Chrome Parts..... | \$119.95 |
| BNR-BY-2 | Iambic Paddle, Chrome Base and Parts..... | \$154.95 |
| BNR-ST-1 | Single Lever Paddle, Black Base/Chrome Parts..... | \$129.95 |
| BNR-ST-2 | Single Lever Paddle, Chrome Base and Parts..... | \$154.95 |

Accessories

| | | |
|-----------|---|----------|
| BNR-EZ-1 | 4' Hook-Up Cable Kit, 1/8" & 1/4" plugs | \$12.95 |
| BNR-YA-1 | Low Pass Filter, 1.8 to 29.7 MHz | \$129.95 |
| VIB-DC-BY | Dust Cover for BY Paddles | \$34.95 |

MFJ-461 Pocket Size Morse Code/CW Reader



New!

Carry perfect code in your pocket—just put this reader near the speaker of your transceiver and it will instantly decode CW and display it in English. The AutoTrak speed tracking automatically locks on and displays CW speed up to 99 WPM and a serial port lets you plug the reader into a monitor—using terminal software for display. It runs off a 9-volt battery and fits in your pocket, so you'll never miss a CW exchange again.



| | | |
|---------|---------------------------------------|---------|
| MFJ-461 | Pocket Size Morse Code/CW Reader..... | \$89.95 |
|---------|---------------------------------------|---------|

MFJ-492 Menu Driven Memory Keyer

A keyer that's loaded with features, yet still easy to operate. The controls and instructions are easy to understand and intuitive, so you can get on the air quicker. You can store messages and the edit mode lets you correct mistakes. This keyer can automatically insert incremental contest serial numbers and you can adjust from normal to Farnsworth spacing. The MFJ-492 even includes a code trainer to hone your technique.



| | | |
|---------|--------------------------------|----------|
| MFJ-492 | Menu Driven Memory Keyer | \$109.95 |
|---------|--------------------------------|----------|



New!

MFJ-418 Pocket Size Morse Code Tutor

Got some downtime on a lunch break, layover or lazy Sunday afternoon? Instead of the mundane letter-by-letter method, practice copying realistic on-air style English QSOs with a huge library of commonly used words. You can select from normal or Farnsworth spacing, adjust WPM and program custom characters. There's even a headphone jack so you can practice code without upsetting the folks around you.



| | | |
|---------|-----------------------------------|---------|
| MFJ-418 | Pocket Size Morse Code Tutor..... | \$89.95 |
|---------|-----------------------------------|---------|

For All the Specs on MFJ Keyers, Visit DXEngineering.com

MFJ

MFJ-407D Curtis Deluxe Electronic Keyer

Using cutting-edge microprocessor control, the MFJ-407D gives you iambic key operation and dot-and-dash memory to help you send perfect code. You can adjust code speed, weight and side tone frequency, plus this keyer is compatible with your key, single or dual paddle.

MFJ-407D Curtis Deluxe Electronic Keyer \$79.95

New!



MFJ-464 CW Keyer/Reader

MFJ

Build your ultimate CW station! You can send CW or load messages with your paddle, keyboard or your computer's serial port. The MFJ-464's AutoTrak feature locks on, tracks and displays CW up to 99 WPM.

Using this keyer is easy, thanks to its large LCD screen, intuitive interface and internal speaker. You can repeat messages, adjust from normal to Farnsworth spacing, insert pauses and even embed commands to automatically change weight or speed.

MFJ-464 CW Keyer/Reader Unit..... \$189.95



MFJ-495 Millennium CW Memory Keyer

MFJ

With the MFJ-495, you get a feature-laden keyer with dual microprocessors and nonvolatile EEPROM chip for excellent reliability. You can key in CW with your paddle, keyboard or through a computer serial port. MFJ-495's battery backed-up memory allows you to store messages and settings. This user-friendly keyer also features an internal speaker and simple interface, which makes it easy to set up and start sending CW.

MFJ-495 Millennium CW Memory Keyer \$169.95



Palstar

CW50A Electronic Keyer

The Palstar CW50A Electronic Keyer has a speed control adjustable from 10 to 40 WPM, crystal-controlled for high accuracy. You can easily flip from mode A to mode B iambic keying and the built-in sidetone generator and speaker make monitoring your transmission easy. The CW50A also doubles as a training unit. Character spacing and dash weight are adjustable, as well.

The Palstar CW50A Electronic Keyer works with any straight key, semi-automatic bug key, single lever paddles and iambic dual lever "squeeze" paddles. Plus, it's compatible with both tube and solid state rigs. You can hook up your paddle through a convenient front panel jack, and there's a separate jack for your straight key—allowing for two keys to be attached at the same time! Read more details at DXEngineering.com.

- Sidetone pitch: 500-1000 Hz, front panel adjustable
- Keying output: positive, negative, and high-speed reed relay
- Operating current: 10-50 mA, depending on sidetone level

PAS-CW50A Palstar Electronic Keyer \$159.95



QSL 7" Digital Picture Frame and Scanner

This kit, consisting of one digital scanner and one 7" digital picture frame, is the perfect way to digitally capture and display your QSL Cards or 4" x 6" photos.

Simply feed your QSL cards through the scanner, then transfer the scanner's SD memory card to the digital picture frame. It's a great way to preserve the cards and remember QSOs, while showing off your collection. Over 3,000 QSL cards can be stored and displayed. The XYL will be happy to see the wall again, and you'll have more room to hang certificates!

DXE-QSL-KIT \$89.95



WMT-58012-1288

Digital Modes + Rig Control Interface!

West Mountain Radio RIGblaster Advantage

Connect the RIGblaster Advantage to your radio's microphone connector, and a computer USB connector and you'll have access to over 100 existing and future ham radio sound card software programs! You'll also get over 20 exciting modes that radio could not otherwise operate. The Advantage also links your computer software and radio using CAT, CI-V or DB9 interfaces cables.

| | | |
|----------------|---|----------|
| WMT-58012-1288 | RIGblaster Advantage | \$199.95 |
| WMT-58107-971 | RIG Control Cable for CI-V (Icom & TenTec) Radios | \$9.95 |
| WMT-58108-974 | CAT Cable for Yaesu FT-736/747/767/990/1000 | \$9.95 |
| WMT-58108-972 | CAT Cable for Yaesu FT-100/100D/817/857/897 | \$9.95 |
| WMT-58214-1295 | RIGblaster DB9F to DB9F Serial Cable | \$9.95 |



Signalink™ PC/Radio Sound Card Interface

The all-new Signalink USB combines the legendary performance of the original Signalink SL-1+ with a state-of-the-art, built-in low-noise sound card. All sound card digital and voice modes are supported by the Signalink USB. This includes traditional modes such as RTTY, SSTV and CW, as well as today's hottest new modes like PSK-31, MT-63 and EchoLink®. The front panel controls let you adjust your Transmit Audio, Receive Audio and Transmit Delay on the fly.

The Signalink USB needs just one USB connection to the computer and one connection to the radio (in most cases). Convenient front panel controls make setup and operation very easy. The Signalink USB is fully isolated and is compatible with all radio Mic, Data, and Accessory ports. The Signalink USB allows you to use your computer's sound card for other functions while enjoying digital communications.

Just order the correct, fully-assembled interface cable for your radio(s) and simply "plug and play." Cables are available for a Mic connector interface or rear DIN plugs on radios so equipped. It makes for a neat, clean installation!

- Easy to set up
- Software included
- Built-in sound card
- Works with all radios
- Powered through USB cable
- Easy hookup to Macintosh or PC
- Comprehensive, easy-to-follow instructions

TGR-SL-USB Signalink USB unit..... \$84.50

Any cable only \$14.95 (except special Elecraft K3 cable) when ordered with TGR-SL-USB. Order one cable for each radio.

Signalink™ Radio Interface Cables

Pick the correct radio interface cable for either a Mic connector interface or rear DIN plugs on radios so equipped. Some radios do not have the "RX Audio" signal on the Mic connector and will require a mono cable to be installed between the Signalink USB and the radio. This is never an issue if you attach the Signalink to your radio's Data or Accessory port.



| | | |
|---------------|---|---------|
| TGR-SL-CAB4R | 4-Pin Round Mic Connector Interface Cable..... | \$19.95 |
| TGR-SL-CAB8R | 8-Pin Round Mic Connector Interface Cable | \$19.95 |
| TGR-SL-CABR11 | RJ-11 Mic Connector Interface Cable..... | \$19.95 |
| TGR-SL-CABR13 | RJ-45 Mic Connector Interface Cable..... | \$19.95 |
| TGR-SL-CAB5PD | 5-Pin DIN Interface Cable..... | \$19.95 |
| TGR-SL-CAB8PD | 8-Pin DIN Interface Cable..... | \$19.95 |
| TGR-SL-CAB13I | 13-Pin DIN Icom Interface Cable | \$19.95 |
| TGR-SL-CAB13K | 13-Pin DIN Kenwood Interface Cable | \$19.95 |
| TGR-SL-CAB6PM | 6-Pin Mini-DIN Interface Cable..... | \$19.95 |
| TGR-SL-CABNC | Unterminated Cable Interface Cable..... | \$9.95 |
| TGR-SL-CABK3 | Special Elecraft K3 Interface Cable..... | \$19.95 |
| TGR-SL-HEAD | Header Plug for Radio Programming | \$7.95 |

Preprogrammed "Plug and Play" Radio Jumper Modules

| | | |
|---------------|--|--------|
| TGR-SL-MOD13I | Jumper Module, Icom 13-Pin Accessory Port | \$7.95 |
| TGR-SL-MOD13K | Jumper Module, Kenwood 13-Pin Accessory Port | \$7.95 |
| TGR-SL-MOD6PM | Jumper Module, 6-Pin Mini-DIN | \$7.95 |
| TGR-SL-MOD8PD | Jumper Module, 8-Pin DIN | \$7.95 |



New!



Diamond Meters can measure forward and reflected power, SWR, and PEP on certain frequencies. Illuminated meter faces ensure excellent readability.

DMN-SX20C **\$89.95**
 • 30/300 watt min./max. power range
 • 3.5-30 MHz, 50-54 MHz, 130-150 MHz frequency range
 • SO-239 Connectors

DMN-SX40C **\$79.95**
 • 30/300 watt min./max. power range
 • 144-470 MHz frequency range
 • SO-239 Connectors



DMN-SX100 **\$124.95**
 • 30/300/3,000 watt min./mid./max. power range
 • 1.6-60 MHz frequency range
 • SO-239 Connectors



DMN-SX200 **\$89.95**
 • 5/20/200 watt min./mid./max. power range
 • 1.8-200 MHz frequency range
 • SO-239 Connectors

DMN-SX240C **\$299.95**
 • 30/300/3,000 watt min./mid./max. power range
 • 1.8-54 MHz, 140-470 MHz frequency range
 • SO-239 Connectors



DMN-SX400 **\$109.95**
 • 5/20/200 watt min./mid./max. power range
 • 140-525 MHz frequency range
 • SO-239 Connectors



DMN-SX600 **\$179.95**
 • 5/20/200 watt min./mid./max. power range
 • 1.8-160 MHz, 140-525 MHz frequency range
 • SO-239 Connectors



DMN-SX1100 **\$199.95**
 • 5/20/200 watt min./mid./max. power range
 • 1.8-160 MHz, 430-450 MHz, 800-930 MHz, 1230-1300 MHz frequency range
 • SO-239 and N Female Connectors



ADL-1500
Oil-Filled Dummy Load, 1,500 Watts
 • SWR under 1.2:1 to 30 MHz and low SWR to 400 MHz
 • 7½" H x 65/8" D



AME-ADL-1500..... **\$69.95**



MFJ-267
Air-Cooled Dummy Load and Wattmeter, 1,500 Watts
 • SWR under 1.3:1 at 30 MHz
 • Built-in wattmeter can be used independently



MFJ-267N..... **\$159.95**
MFJ-264N
Air-Cooled Dummy Load, 1,500 Watts (N-Connector)
 • SWR under 1.1:1 at 30 MHz and 1.3:1 at 30-650 MHz

MFJ-264
Air-Cooled Dummy Load, 1,500 Watts (SO-239)
 • SWR under 1.1:1 at 30 MHz and 1.3:1 at 30-650 MHz



MFJ-260C
Air-Cooled Dummy Load, 300 Watts
 • SWR under 1.1:1 to 30 MHz and 1.5:1 at 30-650 MHz



Dummy Loads
 • Air-Cooled
 • 1,500 Watts, 0-650 MHz
 • SWR under 1.3:1 at DC-300 MHz, under 1.5:1 at 300-500 MHz, under 2.0:1 at 650-1000 MHz



VEC-DL650M **\$79.95**
 • Fan-Cooled
 • 2,500 Watts, 0-150 MHz
 • SWR under 1.31 to 30 MHz



New!

CMX-2300
 Comet CMX-2300 Power Meters offer dual readings in one unit. The meters display FWD, REF and SWR, and can operate simultaneously. The left meter covers 1.8 to 200 MHz with a 3,000 watt power max. The right meter covers 140 to 525 MHz with a 200 watt power max.



CMA-CMX-2300..... **\$224.95**



New!

Diamond Compact Dummy Loads
DMN-DL30A Compact Dummy Load, 15 W avg./100 W Peak, DC-500 MHz, PL-259..... **\$39.95**
DMN-DL30N Compact Dummy Load, 15 W avg./100 W Peak, DC-500 MHz, Type-N Connector..... **\$54.95**



New!



Keep an Eye on Your Transmitter with Accurate and Precise Meters Wattmeters
 • Display SWR, forward and reflected power
 • 1.8 to 60 MHz frequency range

PAS-PM2000A Wattmeter, 2,000 Watts **\$159.95**
PAS-PM2000AM Mobile Wattmeter, 2,000 Watts **\$159.95**



New!

PAS-DL5K
Fan-Cooled Dummy Load and Wattmeter, 5,000 Watts
 • SWR under 1.2:1 to 54 MHz
 • Built-in wattmeter, thermostatically-controlled fan



PAS-DL5K..... **\$459.95**

New!

PAS-DL2K
Fan-Cooled Dummy Load and Wattmeter, 2,000 Watts
 • 0-30 MHz frequency range
 • Built-in wattmeter, thermostatically-controlled fan



PAS-DL2K..... **\$379.95**

New!

PAS-DL1500
Air-Cooled Dummy Load, 1,500 Watts
 • 0-500 MHz frequency range



PAS-DL1500..... **\$189.95**

The Importance of a Dummy Load:

Dummy Loads are critical tools used in transmitter testing. They simulate the resistance load of your antenna, allowing you to safely power-up your transmitter without actually radiating a signal. This helps you avoid unwanted RF interference. The Dummy Load absorbs your transmitter's energy and converts it to heat, so make sure you select the proper Dummy Load to match your transmitter's power output.

Your Dummy Load should be a pure resistance. It should also be representative of the ideal impedance of the antenna and transmission line that's paired with your transmitter, typically 50 Ω for amateur use. The goal is to get a perfect impedance match: an SWR of 1:1.

In addition to transmitter adjustments, you can also use Dummy Loads to test cables and feedline. DX Engineering offers you a variety of different Dummy Load options. Select from multiple power ratings and frequency ranges for both mobile and base installations. If you need help selecting the perfect match (pun intended) for your application, just contact us or visit DXEngineering.com for more specs.

DWA-CN-101



New!



DWA-CN-801HP

Daiwa meters deliver high quality at a value price, making them ideal for both serious and casual amateurs. The cross-needle meters display SWR, power output and reflected power.

- DWA-CN-101.....\$114.95
 - 15/150/1,500 watt min./mid./max. power range
 - 1.8-200 MHz frequency range
- DWA-CN-801HP.....\$174.95
 - 20/200/2,000 watt min./mid./max. power range
 - 1.8-200 MHz frequency range
- DWA-CN-801V.....\$169.95
 - 20/200 watt min./max. power range
 - 140-525 MHz frequency range
- DWA-CN-801SII.....\$299.95
 - 0.2/200/2,000 watt min./mid./max. power range
 - 900-2500 MHz frequency range



LDG gives you large, easy-to-read meters that are virtually plug-and-play. Specifically tailored to your Yaesu FT-857/897 or Icom IC-7600/7700 transceivers, these backlit meters can display signal strength, SWR, modulation, ALC action, power output and transmit supply voltage.

LDG-FTL-METER



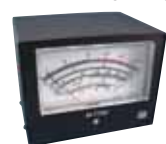
LDG-FT-METER



LDG-M-7600



LDG-M-7700



- LDG-FTL-METER.....\$79.95
 - 7 Function Meter
 - 4.5" Display
 - For Yaesu FT-857/897 Transceiver
- LDG-FT-METER.....\$48.95
 - 6 Function Meter
 - 2.5" Display
 - For Yaesu FT-857/897 Transceiver
- LDG-M-7600.....\$79.95
 - 7 Function Meter
 - 4.5" Display
 - For Icom IC-7600 Transceiver
- LDG-M-7700.....\$79.95
 - 7 Function Meter
 - 4.5" Display
 - For Icom IC-7700 Transceiver



MFJ-108B



MFJ-133RC

MFJ Desk Clocks

MFJ clocks help you maintain an accurate log and ensure that you don't lose track of time. Available in 12 and 24 hour formats, these clocks have large displays so you can place them almost anywhere and still be able to read the time.

- MFJ-108B Dual Hour/Time Zone LCD Clock.....\$21.95
- MFJ-133RC Atomic Dual Time Zone Compact Clock.....\$34.95
- MFJ-113 LED Desk Clock.....\$19.95

Exclusively from DX Engineering!

New!



MSQ-6M-1K2



MSQ-6M-1K2-NOPS

Six Meter 1,200 Watt Amplifier

M2 Antennas' 6M-1K2: excellent performance in a lightweight package. It's compact design makes it perfect for Field Day and DXpeditions, and it's equally at home in your shack. The standalone unit weighs only 13 pounds, or you can add a built-in 92% efficient switching power supply and it still only weighs around twenty pounds.

The 1K2 is designed for EME (CW and JT65), SSB, CW, or the very popular JT6M for meteor scatter. Full power output is possible for hours using 50 second transmissions for JT65A.

- MSQ-6M-1K2 6 Meter 1,200 Watt Amplifier with Power SupplyCALL*
- MSQ-6M-1K2-NOPS 6 Meter 1,200 Watt Amplifier without Power SupplyCALL*

*These amplifiers have not yet been approved by the Federal Communications Commission. These devices may not be sold or leased, or be offered for sale or lease, until approval of the FCC has been obtained.



MSQ-2M-1K2-NOPS



MSQ-2M-1K2

Two Meter 1,200 Watt Amplifier

An amplifier that's beautiful in its simplicity. At the heart of this 2 meter amplifier is single LDMOS FET rated at an incredible 1,250 watts. The 2M-1K2 can handle up to a 65:1 mismatch, and it monitors temperature, current, VSWR, drive and mode to adjust output.

At just 13 pounds, it is the smallest 1,200 watt amplifier ever offered. You can order it with a built in, 92% efficient switching supply, and the total weight is still just 20.5 pounds.

Like its 6 meter counterpart, the 6M-1K2, this lightweight and reliable 2 meter amp is perfect for portable remote operations or permanent installation in your shack. It is well suited for EME (CW and JT65), SSB or CW.

- MSQ-2M-1K2 2 Meter 1,200 Watt Amplifier with Power Supply\$2,995.00
- MSQ-2M-1K2-NOPS 2 Meter 1,200 Watt Amplifier without Power Supply\$2,425.00



LST-WT-8112U



LST-WT-8005U-B



LST-WT-3128U-BK

New!

Lacrosse Technology Wall Clocks

These large, easy-to-read wall clocks are more than mere timepieces, they can display weather conditions, the date and even moon phases. Available in several styles and in 12/24 hour formats, they will look great on almost any wall. Ensure that you're never late for dinner, your job or wedding day again by using a wall clock from Lacrosse Technology to stay on schedule!



- LST-WT-8005U-B Wall Clock with Inside Temperature and Date.....\$24.95
- LST-WS-8115U-S Atomic Digital Clock with Inside/Outside Temperature\$24.95
- LST-WS-8418AL-IT Atomic Digital Clock with Moon Phase.....\$31.95
- LST-WT-8112U Solar Atomic Clock with Temperature and Moon Phase.....\$24.95
- LST-WT-3128U-BK Wall Clock, 12" Analog.....\$28.95



ALS-500M Solid State Mobile Amplifier

- Coverage: 1.5 to 22 MHz (10-12 meters with optional install kit)
- Power output:
 - o 500 watts PEP
 - o 400 watts CE
- (4) 2SC2879 high power linear RF power transistors
- On/off switch, optional remote on/off control
- DC current meter
- Quiet, thermostatically-controlled low-speed fan
- Instant bandswitching, no tuning required

AME-ALS-500M Solid State Mobile Amplifier.....\$799.95



ALS-500RC Remote Head

- Remote head for Ameritron's ALS-500M, ALS-600, ALS-600S and ALS-1300
- Operates amplifier's power and frequency select switches
- Power, transmit and overload indicator LEDs
- DC current meter

AME-ALS-500RC Remote Head\$49.95



ALS-600

Solid State Linear Amplifier

- Coverage: 1.5 to 22 MHz (10-12 meters with optional install kit)
- Power output:
 - o 600 watts PEP
 - o 500 watts CE
- (4) rugged TMOS RF power FETs
- Includes 120/220 Vac 50/60 Hz power supply
- Illuminated cross-needle SWR/wattmeter
- Quiet, low-speed, low-volume fan
- Instant bandswitching, no tuning required
- Rugged linear power supply

AME-ALS-600 Solid State Linear Amplifier\$1,279.95



ALS-600S

Solid State Linear Amplifier

- Coverage: 1.5 to 22 MHz (10-12 meters with optional install kit)
- Power output:
 - o 600 watts PEP
 - o 500 watts CE
- (4) rugged TMOS RF power FETs
- Includes lightweight switching power supply
- Illuminated cross-needle SWR/wattmeter
- Quiet, low-speed, low-volume fan
- Instant bandswitching, no tuning required
- Lightweight switching power supply

AME-ALS-600S Solid State Linear Amplifier...\$1,399.95



ALS-500MR Mobile Amplifier and Remote Combo

- Package that includes ALS-500M amplifier and ALS-500RC remote head
- Coverage: 1.5 to 22 MHz (10-12 meters with optional install kit)
- Power output:
 - o 500 watts PEP
 - o 400 watts CE
- (4) 2SC2879 high power linear RF power transistors
- DC current meter
- Quiet, thermostatically-controlled low-speed fan
- Instant bandswitching, no tuning required

AME-ALS-500MR Mobile Amplifier and Remote Combo\$849.95



ALS-1300 Solid State HF Amplifier

- Coverage: 1.5 to 22 MHz (10-12 meters with optional install kit)
- Power output:
 - o 1,200 watts SSB
- (8) rugged MRF-150 power FETs
- Front panel ALC control
- Illuminated cross-needle SWR/wattmeter
- Operate/Standby switch
- Instant bandswitching, no tuning required
- Lightweight switching power supply

AME-ALS-1300 Solid State Linear Amplifier ...\$2,395.95



QSK-5

High Power Transmit/Receive Switches

- Electronic PIN diode switching for fast QSK operation
- Power handling:
 - o 2,500 watts PEP
 - o 2,000 watts CW
 - o 750 watts RTTY/SSTV/FM
- Sure switching prevent hot switching RF power
- AmpSaver feature shuts off tube current between dots and dashes

AME-QSK-5 Self-Contained QSK-5 High Power T/R Switch, 120 Vac\$399.95
 AME-QSK-5X Self-Contained QSK-5 High Power T/R Switch, 220/240 Vac\$399.95
 AME-QSK-5PC PC Board Assembly, QSK-5 High Power T/R Switch\$299.95

ATP-102 Deluxe Amplifier Tuning Pulser

- Relieves stress on amps, tuners and dummy loads during tuning
- Works with any solid state transceiver or transmitter
- Front panel adjustment controls

AME-ATP-102 Deluxe Amplifier Tuning Pulser\$79.95



ARB-704

Amplifier/Transceiver Interface Buffer

- Protects your expensive radio from damage
- Works with almost any transceiver
- No moving parts, almost instant switching

AME-ARB-704 Interface Buffer\$59.95
 AME-ARB-704I2 Interface Buffer with Cable for Icom 7000/760/718\$59.95



ICP-120 & ICP-240

In-Rush Current Protectors

- Designed to stop damaging in-rush current
- Protect your tubes from thermal shock
- No complicated wiring, plugs right in to AC

AME-ICP-120 In-Rush Current Protector, 120 Vac\$79.95
 AME-ICP-240 In-Rush Current Protector, 240 Vac\$79.95



Ameritron Amplifiers Deliver Whisper-Quiet Power. Packages are Rugged and Compact.

Ameritron fills your need for a desktop amplifier with several models individually suited to your unique demands. As you would expect, all Ameritron amplifiers are built to rigid specifications. They all have components like high-silicone steel core transformers, computer-grade capacitors, shielded RF compartments, durable rectifier diodes and heavy-duty bleeder resistors—all housed in rugged steel chassis compact enough to fit in even the smallest shacks.

These amplifiers deliver peak performance with high efficiency, and their vernier reduction drives make tuning precise and easy. They're packed with features that you simply don't often find at these prices, like in-rush current protection and specially designed Pi networks. A quick visit to DXEngineering.com can tell you much more.



AL-811 Linear Amplifier

- Coverage: all HF bands (user-modifiable to 10/12 meters)
- Power output:
 - o 600 watts PEP SSB
 - o 500 watts CW
 - o 400 watts RTTY, SSTV, FM and AM
- Tube complement: (3) rugged, neutralized 811A transmitting tubes
- Two illuminated cross-needle meters
- Transmit LED
- Operate/Standby switch

AME-AL-811 Linear Amplifier..... **\$729.95**
AME-AL-811XCE Linear Amplifier, CE-certified ... **\$848.95**



AL-800 Linear Amplifier

- Coverage: 160-15 meters (user-modifiable to 10/12 meters)
- Power output:
 - o 1,250 watts PEP SSB
 - o 850 watts CW
- Tube: (1) 3CX800A7 transmitting tube
- Two illuminated cross-needle meters
- In-rush current protection
- Air cooled with pressurized ventilation
- Multi-voltage power transformer

AME-AL-800 Linear Amplifier..... **\$2,549.95**



AL-1200 Linear Amplifier

- Coverage: 1.8, 3.5, 7, 14, 21 MHz and WARC bands (user-modifiable to include 28 MHz)
- Power output:
 - o 1,500 watts
 - o 2,500+ watts (PEP two tone for 1/2 hour)
- Tube complement: (1) 3CX1200Z7
- Two illuminated, selectable meters
- Forced air cooling system
- Factory-wired for 240 Vac, 50/60 Hz
- Rectifier diodes rated for 200A

AME-AL-1200 Linear Amplifier..... **\$3,349.95**



AL-811H Linear Amplifier

- Coverage: all HF bands (user-modifiable to 10/12 meters)
- Power output:
 - o 800 watts PEP SSB
 - o 600 watts CW
 - o 400+ watts RTTY, SSTV, FM and AM
- Tube complement: (4) rugged, neutralized 811A transmitting tubes
- Two illuminated cross-needle meters
- Transmit LED
- Operate/Standby switch

AME-AL-811H Linear Amplifier..... **\$879.95**
AME-AL-811HXCE Linear Amplifier, CE-certified **\$998.95**



AL-800H Linear Amplifier

- Coverage: 160-15 meters (user-modifiable to 10/12 meters)
- Power output:
 - o 1,500 watts PEP/CW
- Tube complement: (2) 3CX800A7 transmitting tubes
- Two illuminated cross-needle meters
- In-rush current protection
- Air cooled with pressurized ventilation
- Multi-voltage power transformer
- Operate/Standby switch

AME-AL-800H Linear Amplifier **\$3,899.95**



AL-1500 Linear Amplifier

- Coverage: 1.8, 3.5, 7, 14, 21 MHz and WARC bands (user-modifiable to include 28 MHz)
- Power output:
 - o 1,500 watts (1/2 hour continuous carrier)
 - o 2,500 watts (30 second continuous carrier)
- Tube complement: (1) 3CX1500A7/887 Ceramic
- Two illuminated, selectable meters
- In-rush current protection
- Multi-voltage power transformer
- QSK-compatible

AME-AL-1500 Linear Amplifier..... **\$3,829.95**



AL-80B Linear Amplifier

- Coverage: all HF bands (user-modifiable to 10/12 meters)
- Power output:
 - o 1,000 watts PEP SSB
 - o 800 watts CW
 - o 500 watts RTTY, SSTV, FM and AM
- Tube: (1) genuine, warranted 3-500ZG transmitting tube
- Two illuminated cross-needle meters
- In-rush current protection
- Multi-voltage power transformer

AME-AL-80B Linear Amplifier..... **\$1,329.95**



AL-572 Linear Amplifier

- Coverage: 160-15 meters (user-modifiable to 10/12 meters)
- Power output:
 - o 1,300 watts PEP
 - o 1,000 watts CW
- Tube complement: (4) 572B transmitting tubes
- Two illuminated cross-needle meters
- In-rush current protection
- Multi-voltage power transformer
- QSK compatible

AME-AL-572 Linear Amplifier..... **\$1,599.95**



AL-82 Linear Amplifier

- Coverage: 1.8, 3.5, 7, 14, 21 MHz and WARC bands (user-modifiable to include 28 MHz)
- Power output:
 - o 1,800 watts continuous
 - o 1,500 watts RTTY, CW (70% plate efficiency)
 - o 1,500 watts PEP, SSB, SSTV (low distortion)
- Tube complement: (2) 3-500ZG transmitting tubes
- Two illuminated, selectable meters
- In-rush current protection
- Factory-wired for 240 Vac, 50/60 Hz

AME-AL-82 Linear Amplifier..... **\$2,459.00**



Mirage Amplifiers—Big Power in a Small Package for Your Base or Mobile Rig!

BD-35 Dual-Band HT Amplifier

- Coverage: 2 meters and 70cm, FM mode
- Power input/output:
 - 4 watts in/45 watts out (2M)
 - 4 watts in/35 watts out (70cm)
- Full duplex: talk and listen at the same time
- D-Star compatible
- Auto band selection, reverse polarity protection
- Works with HTs to 8 watts
- Auto RF-sensing transmit/receive switch

MIR-BD-35 Dual-Band HT Amplifier **\$189.95**



B-310-G and B-320-G HT Amplifiers

- Coverage: 2 meters
- Power input/output:
 - 3 watts in/100 watts out (B-310-G)
 - 3/50 watts in/200/200 watts out (B-320-G)
- Modes: FM/Digital/SSB/CW
- Low-noise GaAsFET receive preamps offer 15 dB of gain
- Draw 15A at 13.8 Vdc
- Fully SWR and reverse polarity protected
- Include cable, rubber feet and warranty

MIR-B-310-G HT Amplifier **\$239.95**

MIR-B-320-G HT Amplifier **\$459.95**



A-1015-G 6 Meter Amplifier

- Coverage: 6 meters
- Power input/output:
 - 10 watts in/150 watts out
- Low-noise GaAsFET receive preamps offer 20 dB of gain
- Great for mobile or base stations
- Modes: FM/Digital/SSB/CW
- Draws 18-22A at 13.8 Vdc
- Accepts up to 10 watts of input power
- Built-in protection circuits

MIR-A-1015-G 6 Meter Amplifier..... **\$359.95**



B-34 and B-34-G HT Amplifiers

- Coverage: 2 meters
- Power input/output:
 - 2 watts in/35 watts out
- Modes:
 - FM
 - CW/FM/SSB
- Low-noise GaAsFET receive preamp offers 20 dB of gain (B-34-G)
- Heavy-duty heatsink
- Draw 4A at 13.8 Vdc

MIR-B-34 HT Amplifier **\$99.95**

MIR-B-34-G HT Amplifier **\$119.95**



B-1018-G, B-2518-G and B-5018-G 2 Meter Amplifiers

- Coverage: 2 meters
- Power input/output:
 - 10 watts in/160 watts out (B-1018-G)
 - 25 watts in/160 watts out (B-2518-G)
 - 50 watts in/160 watts out (B-5018-G)
- Modes: FM/Digital/SSB/CW
- Low-noise GaAsFET receive preamps offer 20 dB of gain
- Draw 25A at 13.8 Vdc
- Active-Bias for crisp SSB response

MIR-B-1018-G 2 Meter Amplifier..... **\$369.95**

MIR-B-2518-G 2 Meter Amplifier..... **\$339.95**

MIR-B-5018-G 2 Meter Amplifier..... **\$339.95**



RC-1 and RC-2 Remote Control Heads

- RC-1 compatible with most Mirage Amplifiers
- RC-2 specifically for B-2518-G/B-5018-B
- Preamp on/off
- FM/SSB switch
- Cable included

MIR-RC-1 Remote Control Head..... **\$49.95**

MIR-RC-2 Remote Control Head..... **\$49.95**



MIRAGE

A-1015-R 6 Meter Repeater Amplifier

- Coverage: 6 meters
- Power input/output:
 - 5 watts in/98 watts out
- All mode operation
- Cool-running with rackmount heatsink
- Overheating protection/bypass mode
- Works with RC-1 Remote Control Head

MIR-A-1015-R 6 Meter Repeater Amplifier (SO-239 Connector) **\$529.95**

D-1010-NR and D-3010-NR UHF Repeater Amplifiers

- Coverage: 440-450 MHz
- Power input/output:
 - 4 watts in/80 watts out (D-1010-NR)
 - 12 watts in/80 watts out (D-3010-NR)
- All mode operation
- Cool-running with rackmount heatsink
- Overheating protection/bypass mode

MIR-D-1010-NR UHF Repeater Amplifier..... **\$649.95**

MIR-D-3010-NR UHF Repeater Amplifier..... **\$629.95**

D-1010-N and D-3010-N UHF Amplifiers

- Coverage: 70cm band
- Power input/output:
 - 10 watts in/100 watts out (D-1010-N)
 - 30 watts in/100 watts out (D-3010-N)
- Modes: FM/Digital/SSB/CW
- Draw 20A at 13.8 Vdc
- Fully SWR and reverse polarity protected
- Cable, rubber feet and warranty included

MIR-D-1010-N UHF Amplifier **\$449.95**

MIR-D-3010-N UHF Amplifier **\$379.95**

D-100-ATVN, D-1010-ATVN and D-1010-ATV-NR Amateur TV UHF Amplifiers

- Coverage: 70cm band
- Power input/output:
 - 2 watts in/100 watts out (D-100-ATVN)
 - 10 watts in/100 watts out (D-1010-ATVN)
 - 40 watts in/80 watts out (D-1010-ATV-NR)
- Draw 20A at 13.8 Vdc (D-100-ATVN, D-1010-ATVN)
- Draw 15A at 13.8 Vdc (D-1010-ATV-NR)
- Fully SWR and reverse polarity protected
- Cable, rubber feet and warranty included

MIR-D-100-ATVN ATV UHF Amplifier **\$429.95**

MIR-D-1010-ATVN ATV UHF Amplifier **\$389.95**

MIR-D-1010ATV-NR Repeater Amplifier **\$629.95**



In-Shack and Mast-Mounted Preamplifiers

- Ultra low-noise GaAsFETs with switchable gain
- Automatic RF switching
- Handle up to 100 watts bypass
- KP-1 series are single unit inline preamplifiers
- KP-2 series use separate RF Line voltage control and preamp units

MIR-KP-1-10M In-Shack Preamplifier, 10 Meter **\$139.95**

MIR-KP-1-6M In-Shack Preamplifier, 6 Meter **\$139.95**

MIR-KP-1-2M In-Shack Preamplifier, 2 Meter **\$139.95**

MIR-KP-1-220 In-Shack Preamplifier, 220-225 MHz **\$139.95**

MIR-KP-1-440 In-Shack Preamplifier, 430-450 MHz **\$139.95**

MIR-KP-2-10M Mast-Mounted Preamplifier, 10 Meter **\$179.95**

MIR-KP-2-6M Mast-Mounted Preamplifier, 6 Meter **\$179.95**

MIR-KP-2-2M Mast-Mounted Preamplifier, 2 Meter **\$184.95**

MIR-KP-2-220 Mast-Mounted Preamplifier, 220-225 MHz **\$184.95**

MIR-KP-2-440 Mast-Mounted Preamplifier, 430-450 MHz **\$184.95**



LDG Antenna Tuners

It is critically important to ensure that your antenna is properly matched to your transceiver. Not only does improper tuning affect your ability to transmit and receive, a poorly tuned antenna system could damage your gear. These antenna tuners from LDG Electronics are an easy way to get some peace of mind, while maximizing your transceiver's performance. Find the complete specs on each one of LDG's impressive antenna tuners at DXEngineering.com.

AT-1000ProII Automatic Antenna Tuner



- 1,000 watts power handling maximum
- 1.8 to 54 MHz frequency range
- 2,000 memories for each antenna and auto configuration storage
- Tunes 6 to 1,000 Ω loads (16 to 150 Ω on 6M)
- 10 second tuning time, 0.2 second memory tuning
- Bar graph LED display shows SWR and selectable power ranges

LDG-AT1000PROII\$499.95

IT-100 Automatic Antenna Tuner



- Works with any AH-3/AH-4 compatible Icom radio
- 125 watt power handling maximum
- 1.85 to 54 MHz frequency range
- 0.1 to 6 second tuning time, 0.1 second memory tune
- Tunes 4 to 800 Ω loads (4 to 3,600 Ω with 4:1 balun)
- Optional external balun allows random, long wire or ladder line fed antennas
- Powered by Icom transceiver via included cable

LDG-IT-100\$178.95

YT-450 Automatic Antenna Tuner



- Tailored to Yaesu FT-450 and FT-950 radios
- 100 watts power handling maximum
- 1.8 to 54 MHz frequency range
- 2,000 memories, sorted by frequency
- Tunes 4 to 1,000 Ω loads (16 to 150 Ω loads on 6M)
- SO-239 in/out connections for dipoles, verticals, beams, etc
- Powered from Yaesu radio using supplied CAT interface cable

LDG-YT-450\$249.95

KT-100 Automatic Antenna Tuner



- Works with any AT-300 compatible Kenwood radio
- 125 watts power handling maximum
- 1.8 to 54 MHz frequency range
- 0.1 to 6 second tuning time, 0.1 second memory tune
- Tunes 6 to 1,000 Ω loads (6 to 4,000 Ω with 4:1 balun)
- Optional external balun allows random, long wire or ladder line fed antennas
- Powered by Kenwood transceiver via included interface cable

LDG-KT-100.....\$198.95

AT-100ProII Automatic Antenna Tuner



- 125 watts power handling maximum
- 1.8 to 54 MHz frequency range
- Two-position switch
- 2,000 memories for each antenna and auto configuration storage
- Tunes 6 to 1,000 Ω loads (16 to 150 Ω on 6M)
- Matches virtually any coax-fed antenna
- Bar graph LED display shows power, SWR, mode and status
- Requires 11 to 16 Vdc at 500mA

LDG-AT-100PROII\$219.95

YT-847 Automatic Antenna Tuner



- Tailored to Yaesu FT-847 radio
- 125 watts power handling maximum
- 1.8 to 54 MHz frequency range
- 2,000 memories, sorted by frequency
- Tunes 4 to 1,000 Ω loads (16 to 150 Ω loads on 6M)
- SO-239 in/out connections for dipoles, verticals, beams, etc
- Powered from Yaesu radio using supplied CAT interface cable

LDG-YT-847\$249.95

Z-817 and Z-817H Automatic Antenna Tuners



- Tailored to the Yaesu FT-817 radio
- Excellent for QRP operation
- 20 watts (75 watts on Z-817H) power handling maximum
- 1.8 to 54 MHz frequency range
- 2,000 memories, sorted by frequency
- Tunes 6 to 600 Ω loads
- Operates on 4 AA batteries or by radio with included CAT cable

LDG-Z-817\$119.95

LDG-Z-817H\$159.95

AT-200ProII Automatic Antenna Tuner



- 250 watts power handling maximum
- 1.85 to 54 MHz frequency range
- 2-position switch with 8 antenna memories
- 0.5 to 6 second tuning time
- Tunes 6 to 800 Ω loads (6 to 3,600 Ω with 4:1 balun)
- 4,000 memories for instantaneous band switching
- Easy-to-read LED display for RF power, SWR and status
- Requires 11 to 16 Vdc at 750mA

LDG-AT-200PROII\$239.95

AT-897Plus Automatic Antenna Tuner

- Tailored to the Yaesu FT-897 radio
- 100 watts power handling maximum
- 1.8 to 54 MHz frequency range
- 1 to 7 second tuning time
- 2,000 memories, sorted by frequency
- Tunes 6 to 800 Ω loads
- Switched L tuning network
- Requires 11 to 14 Vdc at 300mA



LDG-AT-897PLUS\$199.95

Z-100Plus Automatic Antenna Tuner

- 125 watts power handling maximum
- 1.8 to 54 MHz frequency range
- 0.1 second memory tune
- 2,000 memories, sorted by frequency
- Tunes 6 to 800 Ω loads (16 to 150 Ω on 6M)
- SO-239 in/out connections for dipoles, verticals, beams, etc.
- Requires 7 to 18 Vdc at 100mA maximum



LDG-Z-100PLUS.....\$149.95

AT-600ProII Automatic Antenna Tuner

- Tunes 6 to 800 Ω loads
- 600 watts power handling maximum
- 1.85 to 54 MHz frequency range
- Two-position switch with memories for each position
- 0.5 to 6 second tuning time, 0.1 second memory tune
- 4,000 memories for instant band switching
- Bright LED display
- Requires 11 to 16 Vdc at 750mA



LDG-AT-600PROII\$349.95

Optional Remote Meter for AT-600ProII

LDG-M-600.....\$129.95

Find More Brands, More Products and More Specs at DXEngineering.com

We're constantly adding more products to make your on-air experience better. Check back often and see what's new.

Whenever possible, we post FREE downloadable instruction manuals and stat sheets so you can do your research before you buy.

Want more info on anything we sell? You'll always find detailed specs online. Plus, there is a comprehensive F.A.Q. section.



YT-100 Automatic Antenna Tuner

- Tailored to certain Yaesu radios
- 100 watts power handling maximum
- 1.8 to 54 MHz frequency range
- 2,000 memories, sorted by frequency
- Tunes 4 to 800 Ω loads (16 to 150 Ω loads on 6M)
- SO-239 in/out connections for dipoles, verticals, beams, etc.
- Powered from Yaesu radio using supplied CAT interface cable



LDG-YT-100\$199.95

Z-11ProII Automatic Antenna Tuner

- 125 watts power handling maximum
- 1.8 to 54 MHz frequency range
- 0.1 to 6 second tuning time, 0.1 second memory tune
- 4,000 memories with automatic storage
- Tunes 6 to 100 Ω loads (16 to 150 Ω on 6M)
- Can operate using four AA batteries with user-installed holder
- Requires 6 to 16 Vdc at 300mA maximum, 25uA standby



LDG-Z-11PROII\$169.95

MFJ

New!

Remote IntelliTuner™ Automatic Antenna Tuner

Rapidly tune and unbalanced antenna, single wire or aluminum vertical, with an MFJ-927. This tuner has 4 memory banks, each holding 2,500 non-volatile memories. It uses a high efficiency switching L-network with wide matching abilities and is rated at 200 watts SSB/CW.

When you transmit, the tuner automatically adjusts for lowest SWR—it actually learns and remembers your frequency and tuner settings. You'll typically be ready to transmit in less than 5 seconds. This tuner covers 1.8 to 30 MHz, can match antennas from 6 to 1,600 Ω and includes an external bias tee provides power through the coaxial cable for remote control capability. It's also weather protected and suitable for mounting outdoors. See all the features at DXEngineering.com.

MFJ-927 Remote IntelliTuner Automatic Antenna Tuner..... **\$239.95**

300 Watt Roller Inductor Antenna Tuner

This tuner's AirCore Roller Inductor, gear-driven turns counter, and spinner knob gives you exact inductance control for absolute minimum SWR. You get the widest matching range, ultra-high-Q, the lowest loss, highest efficiency and highest power handling of any roller inductor in ham radio. Other features include a full size lighted cross-needle SWR/wattmeter that reads true peak forward power, QRM-Free PreTune, eight-position antenna switch, built-in 50 Ω dummy load, and a heavy-duty 4:1 balun, all enclosed in a tough, attractive cabinet.

MFJ-969..... **\$184.95**

1,500 Watt Fully Balanced Antenna Tuner

This is a full legal limit, fully-balanced antenna tuner. You get superb balance, very wide matching ranges (12-2,000 Ω)— and continuous 1.8 to 30 MHz coverage including all WARC bands! It handles a full 1,500 watts SSB and CW. You can tune any balanced lines including 600 Ω open wire line, 450/300 Ω ladder lines, and 300/72 Ω twin lead—shielded or unshielded. You can also tune random wires and coax-fed antennas.

MFJ-976..... **\$469.95**

1,500 Watt Antenna Tuner with Dummy Load

This roller inductor tuner is a CW antenna tuner rated to the US amateur legal limit of 1,500 watts. It is designed to match 50 Ω output amplifiers, transmitters, or transceivers to virtually any antenna. Peak and average forward power, reflected power, and SWR are displayed on the illuminated cross-needle meter. The roller inductor "T" matching network continuously tunes all frequencies from 1.8 through 30 MHz. You can match dipoles, inverted-vees, verticals, mobile whips, beams, random wires and many other antenna types. The tuner has rear panel connectors for coaxial, single wire or two wire feedlines. A built-in 4:1 balun allows the use of balanced open wire, twinlead, or twin-axial feedlines.

MFJ-989D..... **\$349.95**

300 Watt Antenna Tuner

This 300 watt RF output power antenna tuner will match any transmitter or transceiver to virtually any antenna. Peak or average forward and reflected power plus SWR can be read on the illuminated cross-needle meter. The tuner uses a "T" matching network and covers all bands between 160 and 10 meters. This network will tune dipoles, inverted-vees, verticals, mobile whips, beams, random wires and many other antenna types. The tuner has rear panel connectors for coaxial, single wire or two wire feedlines. A built-in 4:1 balun allows the use of balanced open wire, twinlead, or twin-axial feedlines.

MFJ-949E..... **\$149.95**

HF 1,500 Watt Antenna Tuner with Wattmeter & Antenna Switch

This tuner handles 1,500 watts PEP SSB amplifier input power (800 watts PEP SSB amplifier output power)—ideal for use with Ameritron's best-selling 800 watt AL-811H or 600 watt AL-811 amplifiers! The ultra-compact (10.75" W x 4" D x 10.875" H) tuner features an aluminum-skirted knob set with a weighted deluxe spinner knob and a scratch-proof, multi-colored Lexan® front panel. Two transmitting tuning capacitors and MFJ's exclusive AirCore roller inductor gives you precise control to get your SWR down to an absolute minimum.

MFJ-962D..... **\$279.95**

1.8 to 30 MHz Artificial Ground

This artificial RF ground resonates a random length of wire thrown along the floor and produces a tuned counterpoise. This ground effectively places your rig near actual earth ground potential even if the rig is on the second floor or higher with no earth ground possible. It reduces the electrical length of the ground connection wire to virtually zero by tuning out its reactance. The artificial ground connects between your rig and a random length of wire or a connecting ground wire. It's tuned for maximum ground current using the built-in RF ammeter.

MFJ-931..... **\$109.95**

300 Watt Antenna Tuner/Artificial Ground

This unit combines a versatile antenna tuner with an artificial ground. It turns a random wire into an effective antenna that works. It's great for traveling, emergency use, or as a makeshift antenna. The 300 watt, general purpose antenna tuner covers 1.8 to 30 MHz. It features a two range, lighted cross-needle meter that lets you read SWR, forward, and reflected power all at a glance, and a 4:1 balun for balanced lines. You also get an efficient airwound inductor, a special high-current/voltage 12 position inductor switch, and two 1,000-volt air-variable capacitors. It tunes all types of antennas and feedlines including random wire, coax, and balanced lines.

MFJ-934..... **\$199.95**

2,500 Watt Continuous Carrier Tuner

This high-power antenna tuner operates at power levels up to 2,500 watts SSB or CW. It uses an edge wound roller inductor in a matching "T" network to continuously tune loads between 1.8 and 30 MHz. The tuner also features a true peak or average reading SWR/wattmeter. It will match dipoles, inverted-vees, verticals, mobile whips, beams, random wires, and many other antenna types. There are rear panel connectors for coaxial and single wire or balanced feedlines. The balanced feedlines are isolated from the tuner chassis with a fiberglass panel to reduce capacitive coupling, withstand high voltages, handle high currents. The tuner is designed to match 50 Ω output amplifiers, transmitters or transceivers to virtually any antenna with an impedance ranging from 12.5-2,000 Ω on 3.5-30 MHz. It will match loads ranging from 12.5-800 Ω on 1.8-3.5 MHz. An internal six-position antenna selector switch selects a built-in 50 Ω dummy load, two coaxial line outputs, or a single wire/balanced line output.

MFJ-9982..... **\$629.95**

1,500 Watt IntelliTuner™

This automatic antenna tuning center has an SWR/watt meter and an antenna switch for two antennas. It lets you rapidly tune almost any unbalanced or single-wire antenna automatically. Balanced feedlines may be used with an external 4:1 balun connected to the tuner's antenna output. The tuner features MFJ's exclusive Amplifier Bypass Control™. It fully protects your amplifier during tuning and will even take your amplifier off-line if SWR increases above a user-defined, pre-set limit. The tuner includes a highly-efficient switching L-network with wide matching capability, 1.8 to 30 MHz coverage, cross-needle power meters, backlight LCD display, a radio interface port, and heavy-duty 16 amp/1,000-volt relays. It is rated at 1,500 watts SSB/CW and will match impedances from 12 to 1,600 Ω antennas (SWR up to 32:1).

MFJ-998..... **\$599.95**

