The LDG Z-100Plus is a low cost lightweight automatic antenna tuner that is perfect for portable or fixed operation. It tunes with 0.1 to 125 watts (100W on 6M). Backpackers and QRP operators will appreciate the latching relays so you can remove power once you have tuned. And when the tuner is idle, it is essentially off, drawing less than a microamp! Additionally, the Z-100Plus features 2000 fast memories to decrease tuning time up to 95%! Operation is simple. Provide a continuous carrier, then press and hold the tune button for 1 second. The red LED indicates tuner activity and the green LED indicates an SWR of 1.0 to 1.5 (steady green LED) and 1.5 to 2.0 (blinking green LED). If your antenna is already resonant, press and hold the tune button for 1 second, or even less if you’ve tuned near a previous frequency in the 2,000 memories. The Z-100Plus is the ideal tuner for your IC-7000. First, it matches up to 10:1 SWR (3:1 on 6 meters) and it has 2,000 memories. Tuning time: 0.1 to 6 seconds full tune, 0.1 seconds memory tune. The power range is 1 to 125 watts (SSB/CW), and 100 watts on 6M. The IT-100 is only 6.5 x 6.5 x 1.5 inches and gets its DC power directly from the radio. SO-239 input and output. The IT-100 works with any Icom radio that supports Icom AH3 or AH4 antennas such as IC-7000/7100/7200/7300/706MKIIG/703+/718/746Pro/756ProII. Includes a 14 inch radio cable. List $119.99 Order #5236 $119.95

The LDG KT-100 is a flexible, low cost, easy to use autotuner for AT-300 compatible Kenwood transceivers. If you have a TS-2000, TS-50 or TS-480 or any Kenwood rig that is AT-300 compatible, the KT-100 serves as a dedicated tuner. Just press the Tune button on the radio. The LEDs on the front panel indicate tuning status, and will show a match in seconds, or even less if you’ve tuned near a previous frequency in the 2,000 memories. The supplied interface cable matches most modern Kenwood transceivers. List $119.99 Order #5184 $119.95

The LDG YT-100 auto tuner fills a need for Yaesu transceiver owners who own the FT-450, FT-450D, FT-950, FTDX1200 or FTDX3000. (LDG currently does not suggest this tuner for the FT-991/991A). This makes it an integrated tuner powered by the interface. No extra power cables are needed. Just press the tune button on the tuner and everything else happens automatically! The mode is set to carrier and the RF power is reduced, a tune cycle runs and the radio is returned to the original settings. It operates continuous from 160 to 6 meters (1.8-54 MHz) with from 1 to 100 watts. It tunes an impressive 4 to 1000 ohms (16 to 150 ohms on 6 meters), 2000 memories. SO-239 input and output. Includes the IC-450 1.5 foot CAT/power interface cable and this cable powers the tuner! No extra power cable is needed. Just press the tune button on the tuner and everything else happens automatically! The mode is set to carrier and the RF power is reduced, a tune cycle runs and the radio is returned to the original settings. The YT-1200 requires coax jumper cable (not included - please see page 46). With a two-year, fully transferable warranty. 7.8 x 2 x 7 inches 2 lbs.

Concerned about power loss due to SWR in your feedline? Consider the LDG RT/RC-100 which now includes the RC-100 remote control unit. This tuner is a 100 watt coax in / coax out remote tuner designed to be placed near the antenna feedpoint. It covers 1.8 to 54 MHz for 0.1 to 100 watt (SSB/CW), 30 watt digital. The 2000 memories provide a tuning time of 0.1 to 6 seconds. It tunes 4 to 800 ohm loads (16 to 150 on 6M), 16 to 3200 ohms with optional 4:1 Balun. The RT/RC-100 is DC powered over the coax, using the supplied RC-100. The rear panel of the RC-100 has two SO-239 jacks and the DC power input jack. DC power cord is included, but you must provide the 12 VDC 500 ma. With U-bolt for pipe, tower or mast mounting. List $249.99 Order #4297 $229.95

LDG RBA 4:1 balun for ladder line and long wires. List $30.00 Order #2286 $28.95

✔ See LDG baluns and ununs on page 72.
The LDG AT-100 Pro2 desktop tuner covers solid from 1.8 to 54 MHz handling 1 to 125 watts. It features over 2,000 memories for each antenna. The easy-to-read LED bargraphs show power and SWR, and a Function key on the front panel allows you to access mode and status data. It uses latching relays to retain the tuned configuration indefinitely even when powered down; current draw when not tuning is effectively zero. LDG’s Switched-L tuning network will match dipoles, verticals, inverted-Vs or virtually any coax-fed antenna. It has all the features of the earlier AT-100 Pro, and adds a Bypass and Antenna LED. Requires cable and 13.8VDC at 750 mA. The AT-1000 Pro2 has 2,000 memories that store tuning parameters for almost instantaneous memory recall whenever you transmit on or near a frequency you have used before. Just key and it tunes! It has an LED bargraph with two selectable scale ranges (100/1000W) as well as SWR bargraph meter. You can add the optional M-1000 external analog meter (shown above). Dedicated control buttons allow you to fine-tune capacitance and inductance on those rare occasions when the AT-1000Pro2 cannot find a perfect match by itself. The AT-1000Pro2 will tune from 1.8 to 54.0 MHz continuously with 5 and 1,000 watts peak RF input (250 watts on 6m), and will match an amazing range of antennas, from Yagis and dipoles to inverted-Vs and slopers; virtually any coax-fed antenna from 6 to 1000 ohms impedance (16 – 150 ohms on 6 meters). Tuning time is usually under 10 seconds and under 0.2 seconds if you are transmitting near a previous frequency. Long-wires or antennas fed with ladder line require an external balun. Includes six foot DC power cable. Will require radio cable (sold separately).

The LDG AT-200 Pro2 will handle up to 200 watts SSB or CW on 1.8 – 30 MHz, and 100 watts on 54 MHz. It will match virtually any kind of coax-fed antenna. Use the AT-200 with longwires, random wires and antennas fed with ladder line with optional RBA-4:1 balun (pg. 72). It will typically match a 10:1 SWR down to 1.5:1 in just a few seconds. The AT-200 has 16,000 memories, automatically storing tuning data for frequencies and bands as you use them. The rear panel has two inputs and one output SO239s. Requires 11-16 VDC at 750 mA. This, and other generic (non-mfg. specific), tuners require a radio cable sold separately.

The LDG AT-600 Pro will handle up to 600 watts SSB/CW and 300 on RTTY (1.8–30 MHz) and 250 watts on 54 MHz. It features LDG’s state-of-the-art, processor-controlled Switched-L tuner with two antenna ports with a front-panel indicator showing which is in use, plus separate memory banks for each antenna. The LED bargraph meters show RF power, SWR and tuner status and there is an LED bypass indicator. You can add the optional M-600 external analog meter (shown above). Requires cable and 13.8VDC at 750 mA. The MFJ-949E deluxe 300 watt Versa Tuner II gives you full coverage from 1.8 to 30 MHz, a peak and average reading cross-needle SWR/power meter and a built-in 300 watt dummy load. Outputs are provided for two coaxial cables and one random wire or balanced line. 10 x 3 x 7 inches.◆ List $199.95 Order #1416 $189.95

The MFJ-948 300 watt tuner with illuminated cross-needle display, is ideal for mobile operation. The convenient placement of controls makes tuning fast and easy while driving. The SWR/power meter reads in 30 and 300 watt scales. 1.8-60 MHz. 8 x 2 x 7 inches.◆ List $139.95 Order #1541 $139.95

The compact MFJ-945E 300 watt tuner with illuminated cross-needle display, is ideal for mobile operation. The convenient placement of controls makes tuning fast and easy while driving. The SWR/power meter reads in 30 and 300 watt scales. 1.8-60 MHz. 8 x 2 x 7 inches.◆ List $139.95 Order #1541 $139.95

This famous MFJ-989D 1500 watt HF antenna tuner features two massive transmitting capacitors and a roll inductor with a three digit counter to let you get the SWR down to the absolute minimum. Frequency range is 1.8 to 30 MHz. The peak reading cross-needle SWR/power meter has forward power ranges of 300 and 3,000 watts. Outputs for two coax cables, one wire or balanced line and dummy load are provided. A 300 watt, 50 ohm dummy load is built-in. 12.9 x 6 x 11.7”.◆ List $469.95 Order #1332 $399.95

The MFJ-949E similar to the MFJ-948E without the dummy load◆ List $189.95 Order #0648 $158.98

NOTE: MFJ tuners marked with a ◆ feature illuminated meters. For these meters to light you must provide 12VDC or the correct MFJ power supply (usually the MFJ-1312D #2433 $19.95).
The MFJ-969 is the world’s only 300 watt AirCore roller inductor tuner covering 160 through 6 meters. You get a cross-needle SWR/wattmeter, 8 position antenna switch, built-in 50 ohm dummy load and a heavy duty 4:1 balun. 3½ x 10½ x 9½". ◆ List $224.95  Order #353B

The innovative MFJ-986 Differential-T 3 KW roller inductor tuner from MFJ covers 1.8 to 30 MHz continuously. The illuminated cross-needle meter not only shows you both forward and reflected power at a glance, but also has a peak reading function. Outputs are provided for two coaxial cables, one balanced line and a dummy load. ◆ List $349.98  Order #0706

The MFJ-901B is a small (5 x 2 x 6 inch) and affordable 200 watt PEP versa tuner. The MFJ-901B matches dipoles, vees, random wires, verticals, mobile whips, beams, balanced and coax lines continuously from 1.8 to 30 MHz. You get SO-239 connectors for transmitter and coax, binding posts for random wire or balanced lines and a wing-nut ground connection. A 4:1 balun for balanced lines is also built into this sturdy, compact tuner. Works with solid state and tube rigs. List $119.95  Order #1327

The MFJ-902B Travel Tuner lays claim to the smallest 150 watt antenna tuner covering 80 to 6 meters. It can be used with coax fed or random wire antennas. It has a tuner bypass slide switch on the back panel. Input and output is via SO-239 jacks. At only 4.5 x 2.25 x 3 inches it is great for DXpeditions, field day, travel and apartment use. List $119.95  Order #5928

The MFJ-904 Travel Tuner is the same as the MFJ-902, but adds a cross-needle SWR/Wattmeter. Push button selects forward/reflected power in 300/60 and 30/6 Watt ranges. 7½ x 2½ x 2¾". ◆ List $129.95  Order #2867

The MFJ-971 is a compact 200 watt portable QRP tuner. It provides a convenient cross-needle type SWR/Wattmeter and features a special user-selectable 6 watt range for QRP operation. The T-match tuner covers 1.8-30 MHz and tunes almost any coax, wire, or balanced-feed type antenna (a 4:1 toroid balun is built in for balanced line). Only 6 x 2½ x 6". ◆ List $119.98  Order #0845

The MFJ-991B Intellituner™ lets you tune any antenna automatically balanced or unbalanced - ultra fast. It has an SWR/Watt-meter, antenna switch for two antennas and 41 current balun for balanced lines. MFJ’s exclusive algorithms give you ultra fast automatic tuning with over 10,000 non-volatile revolving memories. You get a highly efficient L-network, wide 6-1600 ohm matching at 2 to 200 Watts SSB/CW. It tunes your coax-fed or random wire antenna as you tune your radio. Covers 1.8 to 30 MHz from 2 to 200 Watts SSB/CW. It matches 6-1600 Ohms (SWR up to 32:1) and is made in the USA. The MFJ-939 learns your antenna system as you operate and stores this in its 20,000 memories. This tuner measures your antenna’s complex impedance (R, X), computes the L-network and engages needed components for instant matching. MFJ’s Virtual-Antenna memory system gives you 8 antenna memory banks of 2500 memories each. An audio SWR sensor beeps if SWR is <1.5, 2, 2.5, 3. Alarms if SWR >3. SO-239 I/O. 6.5 x 2.875 x 8.75". 2.4 lbs. Interface cable included. The MFJ-939K is for select Icom transceivers. List $149.95  Order #6457

The MFJ-991B Intellituner™ lets you tune any antenna automatically balanced or unbalanced - ultra fast. It has an SWR/Watt-meter, antenna switch for two antennas. MFJ’s exclusive algorithms give you ultra fast automatic tuning with over 10,000 non-volatile revolving memories. You get a highly efficient L-network, wide 6-1600 ohm matching at full 200 Watts SSB/CW. It can match 6-1600 Ohms (SWR up to 32:1). You get a digital SWR/Wattmeter with backlight LCD and an antenna switch for two antennas. List $224.95  Order #1714

The MFJ-939K is for select Kenwood transceivers. List $149.95  Order #6317

The MFJ-939Y is for Yaesu FT-450/847/950. List $149.95  Order #3642

The MFJ-991B Intellituner™ lets you tune any antenna automatically balanced or unbalanced - ultra fast. It has an SWR/Watt-meter, antenna switch for two antennas and 41 current balun for balanced lines. MFJ’s exclusive algorithms give you ultra fast automatic tuning with over 10,000 non-volatile revolving memories. You get a highly efficient L-network, wide 6-1600 ohm matching at full 300 Watts SSB/150 Watts CW. It covers 1.8 to 30 MHz at full 200 Watts SSB/CW. It can match 6-1600 Ohms (SWR up to 32:1) and is made in the USA. The MFJ-939 learns your antenna system as you operate and stores this in its 20,000 memories. This tuner measures your antenna’s complex impedance (R, X), computes the L-network and engages needed components for instant matching. MFJ’s Virtual-Antenna memory system gives you 8 antenna memory banks of 2500 memories each. An audio SWR sensor beeps if SWR is <1.5, 2, 2.5, 3. Alarms if SWR >3. SO-239 I/O. 6.5 x 2.875 x 8.75". 2.4 lbs. Interface cable included. The MFJ-939K is for select Icom transceivers. List $149.95  Order #6457

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The **Yaesu FC-50** automatic antenna tuner can operate 3.5-30 MHz with a 23 foot antenna, or from 1.8-30 MHz with a 40+ foot element. Max. input power is 150W PEP, 100W CW. Derives 13.8 VDC from transceiver. With coax and control cable. 9 x 4 x 16" 8 lbs.

*List $340.00  Order #5050  $259.95*

The **Yaesu FC-40** **FT-857D/897D** automatic antenna tuner uses the radio's circuitry to control and monitor the FC-40 mounted near the antenna feed point. It matches a wide variety of antennas to within a 2:1 SWR on any amateur band 160 to 6 meters in less than 30 seconds. Matching can be as little as 4 to 60 watts, and matching settings are automatically stored in memory for instant recall when the same frequency range is reselected. With plate and "U" bolts plus 16 foot control cable and 16 foot coaxial cable.

*List $440.00  Order #0643  $299.95*

The **Icom AH-4** automatic antenna tuner is designed to work with most Icom transceivers including the Icom 706, 718, 7200, 7300, etc. It reliably matches from 3.5 to 54 MHz when using a wire of at least 23 feet (7 m) and can be used for matching 7 to 54 MHz when used with the optional IcomAH-2b antenna. The built-in 8-bit microprocessor chooses the lower SWR condition from more than 1,040,000 different L/C combinations. Once a frequency is memorized, the AH-4 tunes in less than one second. (Memories are retained only when the power is on). With a 16 foot control cable and 16 foot of raw coax cable and two PL-259s. The AH4 requires about 10 watts to activate and can handle up to 120 watts. It operates from 13.8 VDC (<2 Amps) drawn from the transceiver control cable. 7 x 2.9 x 9.2 inches 2.65 lbs

*List $345.00  Order #3702  $299.95*

The **Maje EDX-3** automatic antenna tuner can operate 3.5-30 MHz with a 23 foot antenna, or from 1.8-30 MHz with a 40+ foot element. Max. input power is 150W PEP, 100W CW. Derives 13.8 VDC from transceiver. With coax and control cable. 9 x 4 x 16" 8 lbs.

*List $340.00  Order #5050  $259.95*