



AT-1000Pro Autotuner



Building on the success of the AT-1000, LDG Electronics has refined and expanded its flagship 1KW tuner.

First and foremost, the AT-1000Pro has an Auto mode that automatically starts a tuning cycle any time the SWR exceeds a limit you set. Also, there are provisions for two antennas; you can switch between them any time you need. For each antenna, there are 2,000 memories that store tuning parameters for almost instantaneous tuner setting whenever you transmit on or near a frequency you've used before. Just key and it tunes! The AT-1000Pro will operate at any power level between 5 and 1,000 watts peak RF input.

The AT-1000Pro has a much larger, easier to read cross-needle meter with two selectable scale ranges (100 and 1,000 watts). Each control button has a built-in LED indicator so you can see the tuner's status at a glance. The AT-1000Pro will interface with many popular transceivers, enabling their TUNE button to control the AT-1000Pro's operation. Dedicated control buttons allow you to fine-tune capacitance and inductance on those rare occasions when the AT-1000Pro can't find a perfect match by itself.

The AT-1000Pro will tune from 1.8 to 54.0 MHz continuously, 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 6 seconds. If you're transmitting near a frequency with stored tuning parameters, it will set those parameters in under 0.2 seconds. Longwires or antennas fed with ladder line require an external balun.

All LDG products include the new 2-year warranty on parts and labor. The AT-1000Pro also include the necessary cables for DC power and radio interface; you're ready to operate right out of the box.

Microprocessor controlled Switched L tuning network.

- Two position antenna switch with 2000 memories for each position.
- Adjustable threshold for Auto mode.
- Back-lit cross needle meters.
- Continuous coverage 1.8 to 54 MHz.

- Power rating HF (1.8 to 30 MHz):
 - 1000 Watts Single Side Band,
 - 750 Watts CW, 500 Watts,
 - Digital (RTTY, Packet, etc.),
 - 6 meters: 250 Watts (any mode)

- Capacitor / Inductor fine tune controls.
- Tuning time: 0.2 recall, 10 seconds average, 30 seconds max.
- Antenna impedance: 6 to 1000 Ohms (approximately 10:1 SWR, 3:1 on 6M).
- Dual meter scale 100/1000 watts.
- Tuning power: 5 to 125 watts maximum.
- Relay protection software prevents tuning:
 - Greater than 125 watts,
 - Greater than 75 watts into a 3:1 SWR load

- Soft touch buttons.
- Includes 6 foot power cable, Icom and Yaesu interface.
- Power requirements: 11 to 15 volts DC @ 1 Amp (user supplies power source).
- Enclosure sizes: 9.5W x 13D x 3.5H (measured in inches).
- Weight: 5.2 pounds.