

The AT-1000 Automatic Antenna Tuner



An Autotuner for use with your amplifier! No more knob spinning or inductor rolling. Tunes your antenna in 1 to 8 seconds when you QSY either in the same band or to a different band! Easy installation and use make this the choice for any Amateur Radio Operator with an amplifier.

Operation is simple:

- Place amplifier in standby
- Transmit a steady carrier
- Tune and verify SWR is less than 2:1
- Return your amplifier to operate and have fun with QRO!

The AT-1000 covers 1.8 to 54 MHz continuous coverage (Please see [specifications](#) for specific power ratings). The microprocessor that controls all the tuning actions has safety software built in so that if you accidentally try to tune or fine tune the AT-1000 with more than 125 watts (1:1 load), it will lock itself to protect the relays.



Just about any antenna can be tuned with the AT-1000. The antenna must be between 6 to 800 ohms (approximately 10:1 SWR) in-order to bring the SWR down to 1.5:1. If you use ladder line or long wires (random length or otherwise), add an appropriately rated Balun and you're ready to go!

This Desktop Autotuner is a beautiful addition to your shack and a companion your amplifier shouldn't be without.



Specifications

- Microprocessor controlled
- Switched L tuning network
- 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.)
- Power rating 6 meters: 100 Watts
- Capacitor / Inductor fine tune controls
- Tuning time: 1 to 8 seconds, 4 average
- Antenna impedance: 6 to 800 Ohms (approximately up to 10:1 SWR)
- Tuning power: 20 to 100 watts maximum, constant carrier
- Relay protection software prevents tuning:
 - Greater than 125 watts into a 1:1 SWR load
 - Greater than 75 watts into a 3:1 SWR load
- Soft touch buttons
- Includes 6 foot power cable
- Power requirements: 11 to 15 volts DC @ 1 Amp (user supplies power source)
- Enclosure sizes: 9 x 13 x 3 (measured in inches)
- Weight: 6 pounds

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