

AT-897 Autotuner



If you own a Yaesu FT-897 and want a broad range automatic antenna tuner, look no further! The AT-897 Autotuner mounts on the side of your FT-897 just like the original equipment. We even added the ability to mount the "feet" on the side of the tuner so when you are transporting your rig by the handle, you can safely set it down and not worry about scratching the case.

The AT-897 is microprocessor controlled and features the tuning ability our customers have come to expect from our products. The tuner has a front panel button to initiate the tuning sequence and will bypass the tuner if pressed momentarily. The red LED lights during while the tuner is active.

The AT-897 can be used as is or in conjunction with the W4RT One-Touch Tune interface. (Please read our FAQ for configuring your radio with the W4RT One-Touch Tune) Without the W4RT interface, you will change your mode to one which provides a constant carrier (AM, FM, CW, or Packet), key your transmitter, press the tune button, wait for the tuner to tune, then un-key. The W4RT interface allows you to just press the tune button on the AT-897 to accomplish tuning the antenna, no matter what mode you are in. The interface takes care of it all.

The AT-897 takes power directly from the CAT port of the FT-897 and provides a second CAT port on the back of the tuner so if you are using another CAT device, hooking it up couldn't be easier.

If you are a QRP enthusiast or plan on operating via internal batteries, the AT-897 is your tuner! The AT-897 does not need a fan, let alone one that is constantly running. Current consumption when it is tuned is in the micro-amp range. Since we use latching relays, you can even remove power from the tuner after you have tuned on the band you are going to operate!

The FT-897 is a great radio. The FT-897 / AT-897 combination makes a fantastic shack!



Specifications

- Microprocessor controlled
- 200 fast memories
- Switched L tuning network
- Dual function tune control button
- Continuous coverage 1.8 to 54 MHz
- Power rating HF: 0.1 to 100 Watts
- Provides extra CAT Port
- Tuning time: 1 to 7 seconds, 4 average
- Antenna impedance: 6 to 800 Ohms (Approximately up to 10:1 SWR)
- Tunes nearly any coax fed antenna. Use optional Balun for long wires.
- Compatible with the W4RT One-Touch-Tune Interface
- Power requirements: 11 to 14 volts DC @ 300 milliamps during tune
- Operating voltage supplied via the CAT Port (cable supplied with tuner)
- Enclosure sizes: 11.5 x 3.25 x 1.5 (measured in inches)
- Weight: 2 pounds

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