

MFJ-993 300 Watt IntelliTuner Automatic Antenna Tuner



The MFJ-993 IntelliTuner™ lets you tune any antenna automatically balanced or unbalanced - - ultra fast. It's a comprehensive automatic antenna tuning center complete with SWR/Watt-meter, antenna switch for two antennas and 4:1 current balun for balanced lines.

MFJs exclusive IntelliTuner™, Adaptive Search™ and InstantRecall™ algorithms give you ultra fast automatic tuning with over 2000 non-volatile revolving memories. You get a highly efficient L-network, wide 6-1600 ohm matching at full 300 Watts SSB/150 Watts CW, 1.8-30 MHz coverage, Cross-Needle and digital meters, aural SWR meter, backlit LCD display, remote control port, radio interface, heavy-duty 16 amp/1000 volt relays and more.

It learns while you're having fun

As you're ragchewing, contesting or DXing, your MFJ-993 is learning! When you transmit, the MFJ-993 automatically tunes for minimum SWR and remembers your frequency and tuner settings. The next time you operate on that frequency and antenna, these tuner settings are instantly restored and you're ready to operate in milliseconds!

Each of two antennas can learn and remember over a thousand frequencies and tuner settings. They are safely stored in non-volatile revolving memory.

Highly Intelligent ultra fast tuning

MFJs InstantRecall™ first checks its memory to see if you have operated this frequency before. If so, tuning is instantaneous and you're ready to operate. If not, MFJ's IntelliTuner™ algorithm - - based on MFJ's famous SWR Analyzer technology - - kicks in. It measures the complex impedance of your antenna. Next, it calculates the components it needs and instantly snaps them in. Then, it fine tunes to minimize SWR -- you're ready to operate. It's all done in a fraction of a second.

When the impedance is within its measurement range, the MFJ-993 is the fastest automatic antenna tuner in the world.

If it can't accurately determine impedance, MFJ's AdaptiveSearch™ algorithm goes into action. Frequency is measured and relevant components values are determined. Only those values are searched for ultra-fast tuning.

For even faster searches, you can set the target SWR to 2 (settable 1.0-2.0). You can manually tune when you can't transmit (for listening out of ham bands).

Cross Needle and Digital SWR/Watt Meters

Lighted Cross-Needle and digital meters lets you accurately read SWR, forward and reflected power at a glance. An aural SWR meter lets you hear the tuned SWR when you can't see or read the meters. Turn on a highly visible, instant response SWR LCD bargraph when you need it.

Backlit LCD Display

An easy-to-read backlit LCD displays SWR, forward/reflected power, frequency, antenna 1/2, L/C tuner values, on/off indicators and other information.

Remote Control Port

Plug in the MFJ-990RC remote control and put your tuner at your antenna or elsewhere and control it remotely. The MFJ-993 supports radio tuner interfaces such as the ICOM 706 series. Interface cables are available.

The MFJ-993 is a compact 10Wx2¾ Hx9D inches. Use 12 –15 VDC/1 amp or 110 VAC with MFJ-1316.

Tune any Antenna

You can tune any antenna — dipoles, verticals, beams, phased arrays, inverted vees, quads, random wires, mobile antennas, compact limited space antennas – practically any antenna. A 4:1 true current balun lets you tune any balanced antenna - - horizontal loops, vertical loops, multi-band doublets, quads, folded dipoles, Zepps.