



AT-200PC Autotuner

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AT-200PC, the First Automatic Antenna Tuner Specifically Engineered for USB Computer Control

There's a new-generation of transceiver that can be controlled directly from your PC. Most or all radio functions are in a snazzy graphical user interface; instead of twiddling knobs, you just point and click! Some transceivers, have no controls at all, and rely entirely on a PC interface. Even though many of these modern radios feature a built-in tuner, its range and features are usually quite limited; if you need a tuner, you probably need a better one than they built into the radio.

Now you can have a state-of-the-art, high performance automatic tuner and still run your whole station right from your keyboard and mouse. LDG's AT-200PC is a special version of the popular AT-200Pro, but designed for PC control. The tuner itself has no buttons or readouts at all; its many functions are controlled entirely by a program running on your PC. The tuner itself can be installed out of the way, on the floor or even in another room, interfacing to your PC via a serial or USB cable.

The AT-200PC will handle up to 250 watts SSB or CW on 1.8 – 30 MHz, and 100 watts on 6 meters. It features LDG's state-of-the-art, processor-controlled Switched-L tuner. It will match virtually any kind of coax-fed antenna, including Yagis, dipoles, inverted Vs, slopers, loops, just about anything. It will typically match a 10:1 SWR down to 1.5:1 in just a few seconds. You can also use the AT-200PC with longwires, random wires and antennas fed with ladder line with the optional LDG balun. The AT-200PC includes an internal antenna switch, controlled from the PC, that lets you select between two different antennas.

Operation couldn't be simpler: while transmitting (any mode, even SSB!), just click on the Tune button on the PC interface with your mouse. A tuning cycle will begin, then end a few seconds later with the tuner set at the lowest SWR (almost instantly for frequencies stored in memory). Or, you can put the tuner in Automatic mode; it will begin a tuning cycle whenever the SWR exceeds a set value as you transmit.

Another first for LDG: the firmware in the AT-200PC is flash upgradeable! You can upgrade to the latest firmware simply by downloading a small, free updater program from the LDG web site. The AT-200PC will never be out of date!



Specifications

- 5 to 250 watts SSB and CW. (100 watts on 6M)
- 16,000 3D memories for instantaneous band changing
- Two position antenna switch with memories for four antennas on each position
- Tuning time: 0.5 to 6 seconds full tune, < 0.1 second memory tune
- Built in frequency counter for memory operation
- Frequency coverage: 1.8 to 54.0 MHz.
- Tunes 6 to 1000 ohm loads (16 to 150 ohms on 6M), 6 to 4000 ohms with optional 4:1 Balun (LDG RBA 4-1)
- For Dipoles, Verticals, Vs, Beams or and Coax Fed Antenna
- Optional external Balun allows tuning of random length, long wire or ladder line fed antennas
- MARS/ALE Compatible
- USB or Serial Connection
- Flash-Upgradeable Firmware
- Includes Control Software, 10-foot serial cable, USB interface, and power cord.
- Power requirements: 11 to 16 volts DC at 750 mA max
- Enclosure: 8.5 x 6.0 x 2.0 inches
- Weight: 2 pounds

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