

ONE-TOUCH TUNE™

For the FT-847

GENERAL

One-Touch Tune (OTT-847) is a custom add-on accessory for the Yaesu FT-847. The OTT solves the tedious and annoying tuning process that presently needs to be used to produce a carrier for tuning an appropriate LDG antenna autotuner. *In order for the OTT-847 to be functional, you must use a computer with a serial port and the FT847-SuperControl software, which is also available from W4RT Electronics.*

When you want to tune your station, you have several choices. See the *FT847-SuperControl* User/Help Manual for specific instructions regarding how to use the automatic tuning features.

1. Press the TUNE button on your LDG autotuner and the One-Touch Tune takes control of the FT-847. Regardless of the operating mode you are using, the OTT-847 commands the FT-847 to produce a carrier. When the tuning has completed, the FT-847 returns to the mode you had been using.
2. Press the TUNE icon on the *FT847-SuperControl* computer screen and the same tuning function will occur.
3. NO-TOUCH TUNE feature: If you select the No-Touch Tune option in *FT847-SuperControl*, the system will automatically retune whenever you QSY by more than a user selected change in frequency.

INSTALLATION

- ___ 1. Turn the FT-847 power OFF and read these instructions completely before doing anything else.
- ___ 2. If you have anything plugged into the FT-847 CAT jack, then unplug it now.
- ___ 3. Plug the OTT-847 DIN plug into the CAT jack on the FT-847. Be certain that the end with the RED dot mates with the radio. Failure to do so will result in the unit not working but will not harm it.
- ___ 4. Now connect the 9-pin DIN cable from the serial port on your computer to the other end of the OTT-847. Your computer should be turned off during this step. **NOTICE: The OTT-847 include the null modem, consequently, use only the normal or standard cable --do not use a null modem cable or adapter.**
- ___ 5. Plug the 6-pin DIN plug from the OTT-847 into the PKT jack on the FT-847. Command cable jack.
- ___ 6. Plug the standard 3.5-mm stereo plug into the LDG autotuner.
- ___ 7. Turn on the FT-847 and set the CAT RATE (Menu #37) to 57,600 (recommended) or other value you desire.
- ___ 8. The standard installation is now complete. Turn on your computer and activate the *FT847-SuperControl* program.

WARRANTY: One-Touch Tune is warranted for a period of one year from the date of purchase to be free of electrical defects in materials and workmanship. If the One-Touch Tune module and/or cables are determined to be defective, the defective item(s) will be repaired or replaced, at the sole option of W4RT Electronics, provided that the purchaser returns said item(s), postage prepaid, with proof of purchase to W4RT Electronics, ATTN: Technical Support, 3077-K Leeman Ferry Rd, Huntsville, AL 35801. Include a description of the problem, daytime phone number, email address, and return mailing information. Any modification to the One-Touch Tune or its cables by purchaser voids the warranty. The warranty applies only to the original purchaser and is not transferable. 01 April 2003