

# YAESU TUNE Control

## Installation & Instruction Manual

- ☞ Works with YAESU FT-100, FT-857 and FT-897 transceivers.
- ☞ Make the TUNE button function on your radio to provide a low power output for tuning, adjusting an antenna, checking SWR, etc., no matter what mode you are using.
- ☞ Interface cable included.
- ☞ No radio modification.
- ☞ Provides an interface between your YAESU transceiver and ICOM type accessories such as ICOM antenna tuners, tuners from other manufacturers and screwdriver antenna controllers.

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### **Installation for FT-100**

- ☞ Before connecting the BetterRF YAESU TUNE Control to your FT-100, follow the instructions in your FT-100 manual for installing the FC-20 automatic antenna tuner. In menu 61, choose the **tuneEr** option by rotating the main dial.
- ☞ Turn off the FT-100 and connect the TUNE Control to FT-100 with the supplied 8-pin miniDIN cable.
- ☞ Turn on the transceiver.
- ☞ Press the **FUNC** button repeatedly until the **TUN** symbol appears above Button **B**.

On pressing the **TUN** button for ½ second, the TUNE Control will emulate the FC-20 and cause your FT-100 to output a low power tuning signal. On pressing the **TUN** button a second time, the FT-100 will revert to its previous operating mode.

### **Installation for FT-857 or FT-897**

- ☞ Before connecting the BetterRF YAESU TUNE Control to your transceiver, follow the instructions in the manual for installing the FC-30 automatic antenna tuner.
- ☞ Turn off the transceiver and connect the TUNE Control to CAT/Linear connector on the transceiver with the supplied 8-pin miniDIN cable.
- ☞ Turn on the transceiver.
- ☞ Press the **FUNC** button repeatedly until the **TUN** symbol appears above Button **A**.

On pressing the **TUNE** button for one second, the TUNE Control will emulate the FC-30 and cause the transceiver to output a low power tuning signal. On pressing the **TUNE** button again, the transceiver will revert to its previous operating mode.

### **Using an ICOM type accessory with a YAESU Transceiver.**

ICOM type accessories follow the protocol developed by ICOM for controlling their AH-3 and AH-4 antenna tuners. Many third party manufacturers of amateur accessories use this protocol, also. These accessories are designed to be plugged directly into the 4-pin Molex connector on the rear of ICOM transceivers. The BetterRF YAESU TUNE Control provides an interface between the YAESU FT-100, FT-857 or the FT-897 transceivers and these ICOM type accessories. This enables you to use the ICOM type accessories with your YAESU radio.

To connect an ICOM type accessory to the BetterRF TUNE Control, first install the TUNE Control as described on the opposite page. Turn off the transceiver and connect the cable (not supplied) from the accessory to the 4-pin Molex connector on the TUNE Control. Then turn on the Yaesu transceiver. For proper operation, the accessory must be connected when the transceiver is turned on. Use the **TUNE** button on the transceiver to control the accessory.

### **Customer Service**

The BetterRF Company is dedicated to providing superior products to the amateur community. Please contact us if you have any problems, comments or suggestions about the operation of your YAESU TUNE Control.

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