

## Yaesu Radio Interface/MFJ-5124Y4

The MFJ-5124Y4 interface cable provides control signals between the Yaseu FT-2000 and FT-2000D transceivers and the MFJ-991/993/994/991B/993B/994B *IntelliTuner*<sup>TM</sup> Automatic Antenna Tuners. With this cable the operator can control the tuner and radio with a single push of the [TUNE] button on the front panel of the MFJ automatic tuner.

### Connections for FT-2000 series of radios

1. Before connecting the MFJ-5124Y4 to your radio, set the maximum TUNE power of the radio as follows:
  - a. On your transceiver, enter the Menu mode by pressing the [MENU] key momentarily.
  - b. Rotate the Main Tuning Dial knob until you see menu 145 tGen TUN PWR on the transceiver's display.
  - c. Rotate the SUB VFO-B knob to select 20 watts for best SWR accuracy. For the FT-2000D, we recommend that this be set to 50 watts if the user normally operates at 100 watts output power (when power is turned down to 100 watts, the TUNE power will reduce to 25 watts). If the operator normally has his FT-2000D set for the full 200 watts, then this should be set to 20 watts.
  - d. Press and hold in the [MENU] key for two seconds to save the new setting and exit to normal operation. If you press the [MENU] key momentarily, the new setting will *not* be saved.
2. Insert the 3.5 mm stereo phone plug of the cable into the MFJ tuner's RADIO INTERFACE jack.
3. Connect the RCA plug of the cable to the TX REQ jack on the rear panel of the transceiver.
4. Connect a 12-volt 1-amp DC source to the MFJ tuner.
5. Push the [POWER] button on the MFJ tuner to the *in* position. The radio may be powered on either before or after the tuner is powered on.

### Operation for FT-2000 series of radios

The transceiver is controlled by the MFJ automatic tuner. To operate:

1. Press the [TUNE] button on the MFJ tuner for ½-2 seconds to initiate the tuning process. The radio will automatically transmit a low-power carrier and start the tuning process. When tuning is completed, the radio will stop transmitting and you will be ready for operation on this frequency.

## Technical Assistance

If you have any problem with this unit first check the appropriate section of this manual. If the manual does not reference your problem or your problem is not solved by reading the manual, you may call *MFJ Technical Service* at 662-323-0549 or the *MFJ Factory* at 662-323-5869. You will be best helped if you have your unit, manual and all information on your station handy so you can answer any questions the technicians may ask.

You can also send questions by mail to MFJ Enterprises, Inc., 300 Industrial Park Road, Starkville, MS 39759; by facsimile (FAX) to 662-323-6551; or by email to [techinfo@mfjenterprises.com](mailto:techinfo@mfjenterprises.com). Send a complete description of your problem, an explanation of exactly how you are using your unit, and a complete description of your station. Also include the firmware version number of your unit.

## LIMITED 12 MONTH WARRANTY

MFJ Enterprises, Inc. warrants to the original owner of this product, if manufactured by MFJ Enterprises, Inc. and purchased from an authorized dealer or directly from MFJ Enterprises, Inc. to be free from defects in material and workmanship for a period of 12 months from date of purchase provided the following terms of this warranty are satisfied.

1. The purchaser must retain the dated proof-of-purchase (bill of sale, canceled check, credit card or money order receipt, etc.) describing the product to establish the validity of the warranty claim and submit the original or machine reproduction of such proof of purchase to MFJ Enterprises, Inc. at the time of warranty service. MFJ Enterprises, Inc. shall have the discretion to deny warranty without dated proof-of-purchase. Any evidence of alteration, erasure, or forgery shall be cause to void any and all warranty terms immediately.
2. MFJ Enterprises, Inc. agrees to repair or replace at MFJ's option without charge to the original owner any defective product under warrantee provided the product is returned postage prepaid to MFJ Enterprises, Inc. with a personal check, cashiers check, or money order for **\$10.00** covering postage and handling.
3. This warranty is **NOT** void for owners who attempt to repair defective units. Technical consultation is available by calling the Service Department at 662-323-0549 or the MFJ Factory at 662-323-5869.
4. This warranty does not apply to kits sold by or manufactured by MFJ Enterprises, Inc.
5. Wired and tested PC board products are covered by this warranty provided **only the wired and tested PC board product is returned**. Wired and tested PC boards installed in the owner's cabinet or connected to switches, jacks, or cables, etc. sent to MFJ Enterprises, Inc. will be returned at the owner's expense unrepaired.
6. Under no circumstances is MFJ Enterprises, Inc. liable for consequential damages to person or property by the use of any MFJ products.
7. **Out-of-Warranty Service:** MFJ Enterprises, Inc. will repair any out-of-warranty product provided the unit is shipped prepaid. All repaired units will be shipped COD to the owner. Repair charges will be added to the COD fee unless other arrangements are made.
8. This warranty is given in lieu of any other warranty expressed or implied.
9. MFJ Enterprises, Inc. reserves the right to make changes or improvements in design or manufacture without incurring any obligation to install such changes upon any of the products previously manufactured.
10. All MFJ products to be serviced in-warranty or out-of-warranty should be addressed to:

**MFJ Enterprises, Inc.  
300 Industrial Park Road  
Starkville, Mississippi 39759 USA**

and must be accompanied by a letter describing the problem in detail along with a copy of your dated proof-of-purchase.

11. This warranty gives you specific rights, and you may also have other rights which vary from state to state.