

# KW232 Interface Module



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## Thank you for purchasing the KW232 Interface Module!

The KW232 Interface Module from West Mountain Radio is a TARGETuner rig control level converter for Kenwood HF Transceivers with an RS-232C CAT jack, such as the TS-480SAT and TS-480HX.

### Contents:

- ◇ KW232 Interface Module
- ◇ RS-232C DB9 (M) to DB9 (F) Serial Cable
- ◇ 1/8" Stereo Patch Cable
- ◇ Retention Clip for Powerpole®
- ◇ Owner's Instructions

## INSTRUCTIONS

### Installation Procedure

See Diagram of installation on the backside of this sheet.

1. Disconnect the TARGETuner Powerpole® DC supply cable and ensure the transceiver is turned off.
2. Connect the KW232 Powerpole® connectors (labeled Target) to the TARGETuner Powerpole® connectors. Use the included Retention Clip between these two sets of Powerpole® connectors.
3. Plug in the 1/8" stereo patch cable into the connector labeled Rig CTL on the KW232 Module and to the TARGETuner connector labeled RIG CTRL.
4. Connect the RS-232C serial cable between the DB-9 connector on the KW232 Module, labeled CAT CTRL on Radio, to the rig control (CAT) jack on the transceiver.
5. Reconnect the DC supply cable to the KW232 Powerpole® connectors labeled Power Source.

### Configuration Settings

Turn on the TARGETuner and the transceiver.

#### Transceiver Settings:

1. Enter the transceiver's settings menu and navigate to item #56 "COM port".
2. Verify that the rig control speed is set to 9600 bps.

#### TARGETuner Settings:

1. Press the Menu button until the display reads: MENU SELECT >Rig CTL Protocol.  
Press the SAVE button.
2. Use the Up and Down buttons to change the rig control protocol to Kenwood TS480.  
Press the SAVE button.
3. Press the Down button and the display will change to: MENU SELECT>Rig CTL Baud.  
Press the SAVE button.
4. Use the Up and Down buttons to change the Baud rate to "9600".  
Press the SAVE button.
5. Press the MENU button to exit.

The TARGETuner main display should now indicate the frequency the transceiver is tuned to.

If using a 4-wire antenna (with a reed switch output), receive tuning is now possible with the Kenwood radio. See the TARGETuner owner's manual for details on using TARGETuner.

# Connecting The KW-232 Interface Module

