



# Instructions for JTW270

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Hamilton, Ohio 45011

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800-524-4889



## Specifications:

Frequency range:	140-525 MHz
Input impedance:	50 ohms
Power scales:	15 and 150 watts
Power accuracy:	10% at full scale
Minimum input power:	1 watts
Connector:	SO239

For the 220 MHz band, power readings must be converted. Multiply the meter reading by 0.7 to get the true value. For example, if the reading is 50W the actual power value is 35W. A meter reading of 10W would be an actual value of 7W etc.

## General

This unit provides direct read out of forward power, reflected power, and SWR. Forward and reflected power are read by separate pointers using separate scales. SWR is read on a third scale by noting where the two pointers cross.

## Setup

Connect the output of the transceiver to the TX connector and the antenna to the ANT connector. See suggested hookup diagrams below. Both are located on the rear panel of the unit.

Note: 12VDC is only required for the back light. Unit will read power and SWR without 12VDC.

## Operation

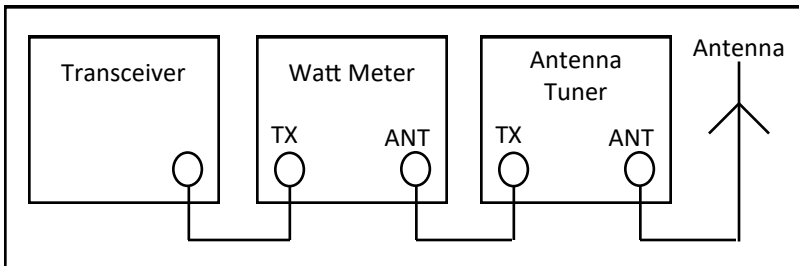
Select the proper range, LO/Hi, according to your transceiver output power. It is strongly recommended that you select the HI range first.

To read forward power, follow the forward scale to the pointer, then read.

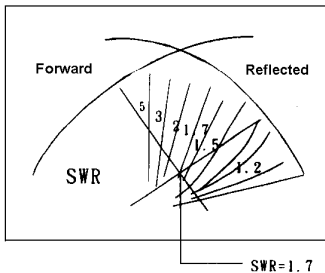
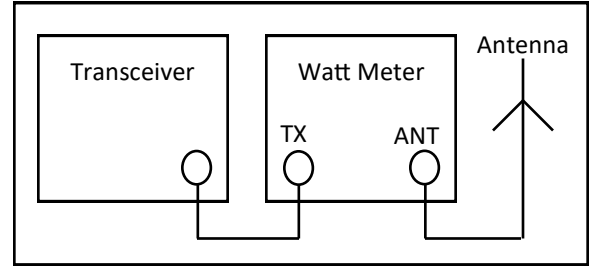
To read reflected power, follow the reflected scale to the pointer, then read.

To read SWR, follow the SWR scale to the point of where the two pointers cross, then read.

Possible hookup diagram 1



Possible hookup diagram 2



## Recommended Accessories for the JTW2HF meter:

Coax:

1 ft jumper: **Jetstream JUMPER1**

3 ft jumper: **Jetstream JUMPER3**

Coaxial Switch: **Jetstream CO201**

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