

OPERATION:

POWER MEASUREMENT

1. Choose the power mode which you want to measure, then set the power mode switch to RMS or PEP.
2. Choose your convenient power range with selector switch, 200, 1k or 2k watts.
3. Activate your transmitter and read the power on the power scale.
4. This power meter is stable against load condition. However, SWR should be as close to 1:1 to get accurate power reading.

SWR MEASUREMENT

1. For the protection of the meter movement, turn the SWR SENS knob to fully counter clockwise.
2. Set the selector switch to "FWD" and activate your transmitter. Then turn the SWR SET knob to get full scale (SET).
3. At above condition, just turn the selector switch to "REF" then read the SWR value on the SWR scale.
4. If you transmit continuous wave, you may read by any mode; RMS or PEP.

CAUTION:

1. Make sure the cable connection is tight.
2. Do not disconnect the coax cable while transmitting.
3. When the SWR is remarkably high such as far over 3:1, reduce the power and make antenna matching then transmit with full power.
4. Power mode switch is common use with power switch so turn it to RMS while resting.

SCHEMATIC DIAGRAM:

