

# PYRAMID SWR—14

## SWR & POWER METER

**CAUTION : DO NOT SWITCH ON THE TRANSMITTER UNLESS BOTH ANTENNA AND TEST METER ARE CONNECTED !**

Connect the coaxial cable (approx. 60 cm long with a PL 259 plug on each end) to the antenna jack on the transmitter and the "CB or TX" jack on the meter. Connect the cable coming from the antenna to the "ANT" jack on the meter. Then switch on the transmitter. **Never press the "transmit" button unless both cables are connected !**

### SWR/STANDING WAVE RATIO MEASUREMENT

1. Set the right-hand switch to "FWD". Press the transmit button on the microphone and adjust the "LEVEL" control on the "SWR METER" scale until the pointer is exactly over the "SET" mark.
2. Set the left-hand switch to "REF". The standing wave ratio can now be read from the "SWR METER" scale. Please always try to tune the antenna so as to give a minimum deflection of the pointer when reading off the SWR ratio (at the "REF" position).

**IMPORTANT : If the standing wave ratio is higher than 2 : 1, the antenna either needs retuning or there may be a problem in the cable or antenna system !**

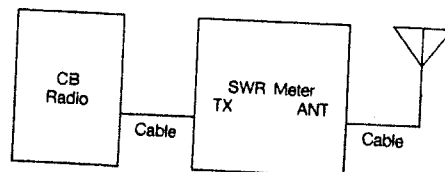
### POWER MEASUREMENT

1. Set the left-hand "10W/100W" switch to the 0-10W or the 10-100W power measurement range, depending on the transmitter.
2. Switch on the transmitter and press the transmit button on the microphone. Now you can read the power of the transmitter directly from the upper "WATT METER" scale.
3. To obtain an accurate power reading, the SWR/standing wave ratio should be no higher than 1.5 : 1 !

**PLEASE DO NOT SUBJECT THE METER TO VIOLENT SHOCKS, AS THIS CAN DAMAGE THE INSTRUMENT INSIDE !**

#### SPECIFICATION

SWR .....	1.1 to 1.3
FREQUENCY .....	1.5 - 150 MHz
IMPEDANCE .....	50 Ohm
ACCURACY .....	SWR +/- 5 %



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