



## Digital SWR / Watt Meter

### SWR-9, SWR-9N, SWR-9X & SWR-10X User Manual

#### INTRODUCTION

This SWR&Watt meter is highly accurate for measuring Forward Power, Reflected Power, and VSWR of Analog and Digital transceivers

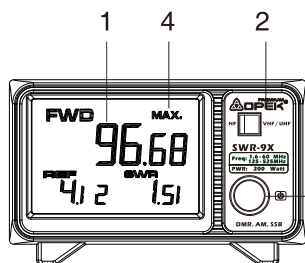
#### MAIN FEATURE

1. Large LCD (3.5") display for easy of reading
2. Forward / Reflected power / VSWR ratio in one push button
3. Back Panel switch selects MAX mode to measure DMR, SSB, AM
4. LCD backlight display
5. Convenient control layout for easy operation
6. Packing gift box and DC 12V wire

#### SPECIFICATION

MODEL	SWR-9 / SWR-9N	SWR-9X	SWR-10X
Frequency Range	1.6-60 MHz / 125-525 MHz		1.6-60 MHz
Measurement (Analog mode)	CW, FM, FDMA		
Measurement (MAX mode)	Not available	DMR, SSB, AM	SSB, AM
Power Range	0 - 200W		1st: 300 mW - 300 W; 2nd: 300 W - 1200 W
Accuracy	10% or better, varied by Frq & power range		
Minimum Power for SWR	1W		300 mW
Input/Output Connector	SO239 / N-female	SO239	SO239
Weight (Net)	750 g		
Insertion Loss	Less than 0.2 dB		
Testing Function	Fwd/Ref Power & VSWR ratio		
Input/Output Impedance	50 Ohm		
Dimension (W/H/D) mm	140 x 84 x 122		
Accessories	Operation Manual, 12V DC Wire		

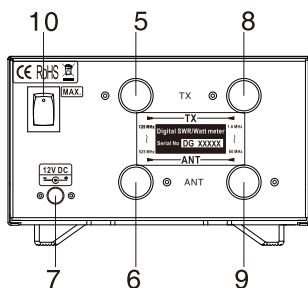
#### <FRONT PANEL>



#### <FRONT & REAR PANEL>

1. LCD Display : Indicates FWD/REF and VSWR
  2. SWR-9, 9N,9X this is HF & V/UHF band switch  
SWR-10X this is a 0-300/300-1200W power range switch
  3. Power ON/OFF switch (ON when 'depressed')
  4. MAX mode digital operating : Switch to 'MAX' on back panel (SWR-9X,10X) measuring SSB, AM, and (SWR-9X's) DMR
- NOTE: When measuring TDMA or other digital modes the display may blink due to the nature of the transmission this is not a fault of the design and is normal operation

#### <REAR PANEL>



#### <REAR PANEL>

- 5&8. TX : Coax connector to transmitter RF output
- 6&9. ANT : Coax connector to antenna system
- 8&9. : is a 2nd pair of TX/ANT connector (not available on SWR-10X)
7. Power source :12V DC wire  
[ Black is negative (-), red is positive (+) ]
10. MAX switch: Selectable SSB / AM / DMR (For SWR-9X)  
(MAX mode: when switch is pushed upward to MAX position)

CE / RoHS / FCC

Designed in Taiwan