

# Digital SWR/Watt Meter

## Instruction manual

### Main Features:

1. Forward/Reversed/VSWR ratio in one push button.
2. LED backlit display for ease of reading.
3. Power source: Internal "AAA" batteries / external USB port.
4. Applicable rechargeable battery.
5. Micro USB-DC 5V adapter (not included).
6. Convenient control layout for ease operation.

### Specifications:

Model	RS-50	RS-70
Frequency range	140-150/430-440 MHz	1.6-60 MHz
Center calibrated	145/435 MHz	30 MHz
Power range	0-120W	0-200W
Test functions	Fwd/Rev Power, VSWR	
Insertion loss	0.3 dB or lower	
Impedance	50 ohms	
Power source	Battery "AAA" or Micro USB port	
Connector	"M" type or "N" type is option	
Dimension	70W x 78H x 30D mm	
Net Weight	220 grams (no battery)	



### Measurement:

1. Apply output of transceiver to "TX" and antenna or load to "ANT".
2. "POWER" on for ready to use.
3. LCD display show simultaneously "Fwd/Rev Power and SWR".
4. For back-light, please switch "LIGHT" to "ON".  
No function in 30 seconds, The backlit will automatically off.  
Once PTT launched, the backlit will be back.

### Battery installation:

1. Remove the black screw from the cover to open the rear panel.
2. Install 2 pcs "AAA" batteries.
3. Can be used with alkaline or Ni-Ca, Ni-Mh rechargeable battery.
4. This unit has no built-in charging circuitry.
5. Be sure to correct polarity of battery.
6. Remove the battery if the unit won't be used in long period.

### Noted:

1. Can be use both alkaline battery (1.5V) or rechargeable battery (1.2V).
2. Be sure to switch off both "Power" & "Light" after use for saving battery power.
3. The accuracy of "Reflected Power" & SWR ratios" :
  - ✦ Over 5W : +/- 5% accuracy.
  - ✦ 1W - 5W : for reference only.
  - ✦ Under 1W : Not shown.

Made in Taiwan

