

Digital SWR/Watt Meter

Instruction manual

Main Features:

1. Forward / Reversed / VSWR ration 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 | 125 - 525 MHz | 1.6 - 60 MHz |
| Center calibration | 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 m/m | |
| 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.