

NISSEI Digital SWR/Watt Meter

RS-50 / RS-70 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 output (charger not included).
6. Convenient control layout for ease operation.

Specifications:

Model	RS-50	RS-70
Frequency range	140-170 / 430-470 MHz	1.6-60 MHz
Center calibrated	145 / 435 MHz	14 / 50 MHz
Power range	0-120W	0-200W
Testing functions	Fwd / Rev Power, SWR	
Insertion loss	0.3 dB or lower	
Impedance	50 ohm	
Power source	Battery "AAA" / Micro USB port	
Connector	"M" type or "N" type	
Dimension	70W x 78H x 30D mm	
Net Weight	220 g (no batteries)	

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).
Use qualified charger when 5V USB port is applied. Poor USB charger might cause severe damage to this unit, particularly in HF high power scenario.
2. This unit has no built-in charging circuitry.
3. Be sure to switch off both "Power" & "Light" after use for saving battery power.
4. Accuracy: ✦ Over 5W : +/- 5%
✦ 1W-5W : for reference only.