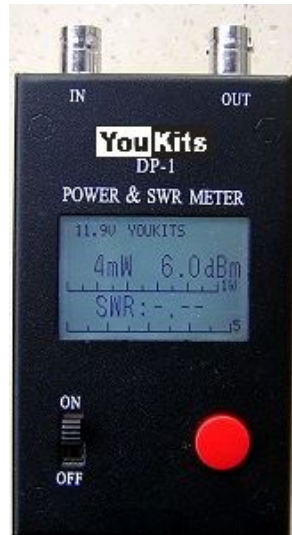




Youkits DP-1 Digital QRP Power & SWR meter

Operating manual



Designed for QRP operating in field. DP-1 can be powered by Youkits 18650 lithium battery pack, take any DC power 8V-15V.

Must use our special lithium battery charger when 18650 battery installed. Battery status showing on top of display.

Notice: centre Positive.

Specification:

Size: 100mm x 60mm x 35mm

Weight: about 250g, 400g with battery pack

Power consumption: 30mA (50mA at 1W measuring range)

Power measure: 5mW-25W, 1W/25W in 2 ranges.

Frequency range: 1-60Mhz

Accuracy in measurement: 5%

Operating:

Power on will go directly to 25W measuring range.

Press red button will change between **Regular** measurement and **HOLD** measurement. Press red button for over 2 second will change between 1W range and 25W range. DP-1 shows both W(mW) and dBm for details info.

Regular measurement: This is real time measurement. The reading changes when signal changes. Stable when signal stabled.

Hold measurement: DP-1 shows the max reading of the signal and keep for 3 seconds. Good for SSB signal high peak.

DP-1 measures 100mW - 25W in 25W measuring range

(Notice: must not measure power output $b > 25W$)

DP-1 measures 5mW -999mW in 1W measuring range

DP-1 shows SWR reading for signal $> 100mW$

(No SWR reading when signal $< 100mW$)

Align:

VR1: for SWR reading adjustment

VR2: for Power output adjustment

VR3: for supply voltage reading adjust