



Digital SWR / Watt Meter

Model: DG-503 & DG-503MAX Instruction manual

INTRODUCTION

This SWR & Watt meter is highly accurate for measuring Forward Power, Reflected Power, and the 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. Selectable to measure DMR (TDMA), AM, SSB (DG-503MAX)
4. LCD backlight display
5. Convenient control layout for easy operation
6. Packing gift box and DC 12V wire.

SPECIFICATIONS

MODEL	DG-503	DG-503MAX
Frequency Range	1.6-60 MHz/125-525 MHz	
Measurement (Analog mode)	CW, FM, FDMA	
Measurement (MAX mode)	Not available	DMR (TDMA), AM, SSB
Calibration point	28 / 145 / 435 MHz	
Power Range	0 - 200W	
Accuracy	(+/- 5%)	
Minimum Power for SWR	1W	
Input/Output Connector	SO239 (N-female option)	
Weight (Net)	750 g	
Insertion Loss	Less than 0.1 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>

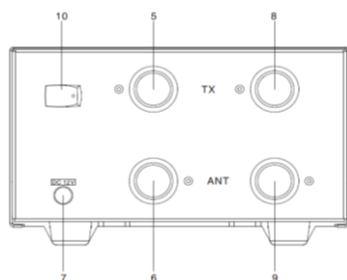


<FRONT & REAR PANEL>

1. LCD Display : Indicates FWD/REF and VSWR
2. HF & V/UHF band switch
3. Power switch
4. MAX : Measuring DMR (TDMA) / AM / SSB
(DG-503MAX only : when rear switch in MAX mode)

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
7. Power source :12V DC wire
[Black is negative (-), black/white is positive (+)]
10. MAX switch : Selectable DMR (TDMA), AM, SSB
Push to right 'white dot' is MAX mode (DG-503MAX only)