



# Digital Satellite & Terrestrial Signal Finder Meter

Model: WS-6909



## Features :

### **DVB-T**

COFDM Demodulated

Frequency range:46-870MHz

Level range:40-110dBuV

Input Resistance:75ohm Demodulation:QPSK,16QAM,64QAM

Test: BER, C/N, FEC Signal Quality and Strength

Multi-Channel Simultaneous Measurement

Auto Full Frequency Scan

Auto scan of frequency selected

Power supply at RFIN:5V/12V/15V/18V/24V\*(100mA)

### **DVB-S**

Input Frequency range:950-2150MHz

Input Level:-65dbm-25dbm

Input Resistance:75ohm

Symbol rate:2Msps-45Msps

Test: BER, C/N, FEC Signal Quality and Strength

Auto search: NIT Search ,Manul Search

DisEqC,22K Supported

LNB power supply :H + 18V + 13V 400Ma

### **OTHER**

8.4V/3000mAH Lion battery

Power adapter input: AC 90V-240V/50Hz

Power adapter output: DC 12V/1.5A

Working time:4-6 hours (full charge)

Charging time: 5 hours from flat

Car charger supplied

Dimension:155 X 95 X 45mm

Net weight:0.6kg

For the first time in a economical digital meter, you are now able to view the actual channel on the screen of the meter. Now you can quickly and accurately align the satellite AND you can instantly check the stability of the channel right on the screen of the meter.

Transponders, Frequency, Symbol Rate, Polarity, and other settings can be modified by the user. There is never a need to send your meter in for a upgrade.

Meter never needs to be returned for re-calibration due to the unique calibration system built in to the meter. Each time the meter boots up it automatically calibrates for optimum performance so you can align each install with confidence.

#### System Capabilities

|                             |     |
|-----------------------------|-----|
| Fully DVB-S/DVB-T Compliant | Yes |
|-----------------------------|-----|

#### Antenna input DVB-S

|                    |                   |
|--------------------|-------------------|
| Connector          | F type, Female    |
| Frequency Range    | 950MHz-2150MHz    |
| Signal Level       | -65dBm~-25dBm/1i> |
| LNB Power          | 13/18V,Max350mA   |
| LNB Switch Control | 22KHz             |
| DiSEqC             | Ver 1.0/ 1.2      |

#### Antenna input DVB-T

|                 |                  |
|-----------------|------------------|
| Connector       | IEC Female 9.5mm |
| Frequency range | VHF and UHF      |
| Bandwith        | 8/7/6MHz         |
| Input impedance | 75 ohm           |

#### Demodulator DVB-S

|                       |              |
|-----------------------|--------------|
| Front end             | QPSK         |
| Demodulation Range    | 2Mbps~45Mbps |
| SCPC and MCPC Capable | Yes          |

#### Demodulator DVB-T

|                   |                         |
|-------------------|-------------------------|
| Modulation        | COFDM                   |
| Constellation     | QPSK,16QAM,64QAM        |
| Transmission mode | 2K,8K                   |
| Guard interval    | 1/2,1/4,1/8,1/16,1/32   |
| FEC               | 1/2,2/3,3/4,4/5,5/6,7/8 |

#### System Resources

|           |                          |
|-----------|--------------------------|
| Processor | 32bit processor (133MHz) |
| FLASH     | 8Mbyte                   |
| SDRAM     | 4*16Mbyte                |

#### Video Decoder

|              |                 |
|--------------|-----------------|
| MPEG 2       | MP@ML           |
| Data Rate    | Max15M bits/s   |
| Resolution   | 720*576,720*480 |
| Video format | PAL/NTSC/SECAM  |