Digital TV Signal Level Meter

Digital TV Signal Level Meter

Variants

DT-Digital TV T-01 DT-Digital TV T-02

Details

Digital TV Signal Level Meter

General Information

Model Numbers	TWH-36EA / TWH-36EB / TWH-36EC / TWH-36ED
Dimensions	210 × 95 × 48 mm
Weight	0.6 kg
Operating Temperature	-10°C ~ +45°C
Battery	Built-in rechargeable lithium battery (6+ hours)

Frequency & Modulation

Frequency Range	47–870 MHz (T-01) / 5–870 MHz (T-02)
Supported Modulation	16 / 32 / 64 / 128 / 256 QAM
Symbol Rate	1 MS/s – 7 MS/s

Digital Signal Measurements

Digital Average Power	30 – 115 dB?V
MER	20 – 40 dB (±2 dB)

BER	10?³ – 10?? (R-S BER)
Bandwidth	Configurable
Spectrum Sweep Width	6 MHz / 12 MHz / 60 MHz

Analog Signal Measurements

Signal Level	30 – 120 dB?V (±1.5 dB)
Carrier-to-Noise Ratio	Supported
Slope & Trunk Line	Measurable
Video/Audio Ratio	Analyzed
Signal Input Range	>70 dB?V (±2 dB)
Input Impedance	75 ?

Voltage & Power

Input Voltage Range	10 – 99 V (AC/DC)
Voltage Accuracy	±2 V
Voltage Resolution	0.1 V

Additional Features

Channel Database	Preloaded TV channel list for quick testing
Audio Output	Built-in speaker with control
Display	Digital interface with real-time metrics
Compatibility	Supports DVB and analog signals

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