

D201 Signal Level Meter

The D201 signal level meter is designed to provide the most desiring features at reduced cost. It performs fast and efficiently to take carrier amplitude measurements. It can also take the direct power measurement of DVB signals.



Features:

- Direct frequency input from 5MHz ~ 870MHz
- DVB average power measurement
- Direct channel input of channel numbers
- Simultaneously displays video carrier and audio carrier strength, and V/A measurement
- Selectable dBmV and dB μ V units
- Tilt measurement of three user definable channels
- Carrier-to-noise ratio measurement
- Trunk voltage measurement
- Large 128*64 dot matrix LCD display with back light
- RS-232C port with PC communication function
- battery-powered handheld model, Internal Ni-MH battery with included charger
- Rugged, compact and mobile, with rubber jacket, carry strap and manual
- Battery life: \approx 5 hours



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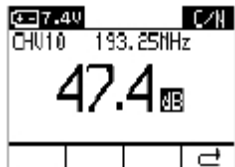
Video carrier measurement



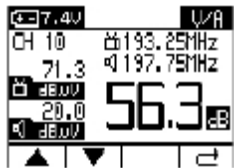
Voltage measurement



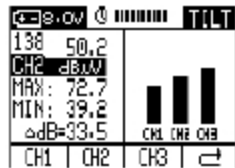
DVB power measurement



C/N ratio measurement



V/A measurement



Tilt measurement

It simultaneously displays video carrier, audio carrier strength, V/A measurements, Tilt measurement, C/N measurement and Trunk voltage measurement.

The full-scan option and spectrum option provide you the features to view the carrier amplitude in a full-span display and spectrum analysis. The new digital analysis option adds digital signal testing that includes BER, MER.

The internal high volume Ni-MH battery supports your 5 hours continuous work after full charge. It's durable, simple to use in a wide range of conditions. The tough plastic shell and protective jacket make it highly resistant to damage from shock and impact.

•Performance LCD

The meter has a 320*240 enlarged color LCD and the new screen graphics enhance readability and simplify operations. learned channel plans, changeable through PC, also has 2 user

Specification:

QAM Analysis

Modulations type: 16/32/64/128/256QAM DVB-C; ITU-TJ.83-AnnexA/AnnexB

Symbol Rate: 1.00Mbps ~7.00Mbps

Bandwidth: 6MHz~10MHz

Frequency tuner: 50 KHz

MER measurement range: 19~38dB±2dB

BER Pre/post FEC measurement range: 10E-2 to 10E-8

Tuning range: 5M~862MHz

Tuning mode: by channels or by frequency

Frequency:

Range: 5(48)MHz—870MHz

Resolution: 10KHz

Bandwidth: 280KHz

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Channel Type:

Analog TV: TV

Digital TV: QAM, QPSK

FM channel: Single Frequency

Level Measurement:

Range: 25dBuV—120dBuV

Accuracy: ± 1.5 dB

Resolution: 0.1dB

Input Impedance: 75ohm

Wave detection: peak value

Channel Scan:

Number of Channels: 200 channels max.

Scanning speed: 4 channels / sec

Zoom: 1X, 2X, 4X three levels of magnification or full Channel Plan scan.

Memory: 100 Groups, each group store Max 200 Channels.

Spectrum Analysis:

Bandwidth: Ranging between 10MHz, 25MHz, 50MHz, and full span.

Carrier-Noise Ratio (C/N):

Input range: >70dBuV

Accuracy: ± 2 dB

Resolution: 0.1dB

Tilt measurement:

Number of channels: 3

Resolution: 0.1dB

Trunk Voltage measurement:

Input range: 0-100VAC

Accuracy: ± 1.5 V Resolution 0.1V



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Others:

Channel Plan:

Number of Channels: 200 channels max

Number of Learned Channel Plan: 10 max

Power Supply:

Battery: 7.2V 1.6AH Ni-MH battery,

Charger: AC 100V-240V/50Hz

Working Time: Average 5-8 hours (full charged battery).

Charging Time: 5-10 hrs.

Model	Main Features
D201A	Analog signal level meter, 46~870MHz, 128*64 B/W LCD, Spectrum,
D201B	Analog signal level meter, 5~870MHz, 128*64 B/W LCD, Spectrum,
D201D	High-end DVB-C digital, signal level meter, 5~870MHz, 128*64 B/W LCD, Spectrum, MER, BER, Constellations