

MDU Meter Measures Satellite, Cable TV and Off-Air Signals

The MDU is the most versatile signal level meter available. It is ideally suited for those installing or maintaining private cable systems. It tunes to and measures analog and digital channel/transponder signals from 5 MHz to 2.15 GHz. A straightforward layout makes the MDU extremely user-friendly. The MDU's rugged construction, strong batteries, ability to power LNBS and weather resistant package make it the ideal field portable meter that will provide years of dependability.



Signal Level Meter Model MDU



DBS, CATV, SMATV, MMDS

"Reliability through Simplicity"

FEATURES

- Field portable, compact, rugged design
- Tunable to individual frequencies/channels
- Strong rechargeable internal battery
- Able to power LNB (13 or 18V)
- Several channel plans (off-air, CATV, L-Band regular and stacked)
- Custom channel plans available upon request

MEASUREMENTS

- Analog and Digital (QAM & QPSK) signals
- Carrier-to-Noise
- Channel Scan across entire band and displays the difference (dB) between strongest and weakest signal
- Inner-Channel Scan of a single digital signal and displays the unflatness (dB)

STANDARD ACCESSORIES

- Padded carrying case with shoulder strap
- AC transformer for charging battery
- Automobile cigarette lighter adapter charger
- Operation manual
- Spare "F" connector

VISA, MasterCard, Amex, Discover accepted

SPECIFICATIONS

Frequency Range	5 to 860 MHz and 950 to 2150 MHz
Tuning Resolution	6 MHz (channel mode) 29.16 MHz (24 MHz transponder mode) 0.125 MHz (frequency mode) Different bandwidths/channels available
Receiver IF Bandwidth	280 kHz at 3 dB points 600 kHz at 40 dB points
Amplitude Range	-80 to -20 dBm (-30 to +30 dBmV)
Output Impedance	75Ω
Operating Temperature Range	0°F to 120°F (-18°C to +50°C)
LNB Power	13 or 18 VDC current-limited at 700 mA
Battery	Internal Rechargeable 1800 mAh NiCd
Operation Time per Battery Charge	> 8 hours continuous, no LNB power 3 to 5 hours continuous, powering LNB
Time Required to Recharge Battery	± 12 hours
Enclosure Type	High impact, molded plastic
Size and Weight	6.5"W x 8.5"H x 3.25"D, 4.5 lbs. (16.5cm) x (21.5cm) x 8.25cm, 2.04kg

Specifications subject to change without notice.



RF Input "F" Connector
Located on Side
(Field Replaceable)

Tuning Knob

Test Button Initiates All-Channel
and Inner-Channel Scan

Audio Jack and Charge Jack
Located on Side

Signal Level Meter
dBm and dBmV

Channel/Transponder
or Frequency Display

Selects:
Frequency or Channel,
Picture or Sound Carrier Level

Carrier to Noise

LNB Power

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