Installer Signal Level Meter

MR-3

FEATURES:

- Simple to use
- Two channel plans – CATV Ch: 2-136
- Off-Air: 2-79
- Provides signal strength, carrier-to-noise & voltmeter function
- Key pad for direct access to any channel or any frequency (46-870MHz)
- Tilt mode displays video levels of any two selected channels; by pushing Tilt again, displays dB difference.
- LCD display with on/off back light
- Long battery life
- Automatic shut-off
- AC volt meter
- Small & durable
- Cost effective
- Includes Carrying Case

DESCRIPTION AND APPLICATION:

The MR-3 is a reliable, cost effective solution for the accurate measurement of TV signals for either CATV or Off-Air channels.

In the single channel mode, the MR-3 displays the channel number, video RF level in dBmV, video frequency in MHz, and the dB difference between the video and audio carrier. When the MHz button is pressed, it switches to the audio carrier and lets you hear the audio from the built-in speaker.

The LCD has a battery status indicator which is always on, so you know when the meter needs to be charged.

Technical Specifications

MR-3

Impedance	75 ohms

Two Channel Plans
  Cable TV:
  Off-air:
  Measurement bandwidth - 230KHz
	Channels 2-136
	Channels 2-79

Frequency
  Range:
  Stability:
  Resolution:
	46MHz to 870MHz (50KHz steps)
	±30ppm
	10KHz

Level Measurement
  Range:
  Accuracy:
  Resolution:
	-30dBmV to 60 dBmV
	±2.0dB
	0.1dB

Carrier to Noise Ratio (C/N)
  Range:
  Input level:
  Accuracy:
	20dB to 50dB
	≥ than 20dBmV
	± 2.5dB

Voltage
  Range:
  Accuracy:
  Resolution:
	30 to 100 Volts (alarm over 100V)
	±1.0Volt
	0.1Volt

Power Supply Modes
  AC:
  DC:
  Working time:
	charger 85V -240V/50-60Hz
	HI-MH batteries 7.2V
	6 hours

Miscellaneous
  Working temp:
  Audio:
  Display:
  Weight:
  Dimensions:
	-14º to +122ºF (-25.5 to +50C)
	built-in speaker
	LCD with back light
	1 lb (453.6g)
	2.76x6.3x1.9 inches (70x160x48mm)

Includes:

Carrying Case	Two spare F-81 connectors
Built-in rechargeable battery	Operational Manual
Battery charger	

Specifications are subject to change without notice.