

Sadelco® Toughest Meters You Can Buy

DisplayMax 800CLI Signal Level Meter Frequency Range: 5-864 MHz



+ 1.0 dB Accuracy

On board noise source provides precision calibration. Accuracy is guaranteed over time and temperature at all frequencies and power levels.

Pass-Fail Installation Check

Check your entire system or just your favorite channels. On screen report summarizes results.

Digital Channel Measurement

Check average power of digital channels. View flatness across the entire channel. Measures QAM, QPSK, VSB and QPR.

Ingress Analysis

Automatically searches reverse band for ingress. Peak hold function catches intermittent problems.

Calibrated Leakage Detector

Search mode quickly finds leaks. Meets FCC recording requirements using a calibrated dipole. Unique circuitry rejects most false leaks. Audio detects other manufacturers tags.

Data Recording

One button recording makes documentation easy. Automatically performs 24 HR FCC testing. Downloads direct to printer or to a computer.

DisplayMax 800CLI Specifications

Frequency Range: 5-864 MHz
Accuracy: ± 20 KHz
Resolution: 125KHz
IF Bandwidth: 280KHz

Level Measurement

Range: -30 + 60 dBmV
Accuracy: ± 1.0 dB at 77° F
+ 2.0 dB Total (0° - 120° F)
Resolution: 0.1 dB

Leakage Measurement

Tuning Range: 108 - 140 MHz
Resolution: 25 KHz
Measurement Range: 5 - 5K uV/M
at 3 Meters with dipole antenna.
Accuracy: ± 1.0 dB at 77° F
+ 2.0 dB Total (0° - 120° F)
Audio: Warbled tone allows easy
identification of tags. Variable
Pitch aides peaking.

Ingress Sweep

Sweeps Sub Band in 250 KHz steps.

Digital Channel Measurement

Average Power Accuracy:
+ 1.8 dB at 77° F
+ 2.8 dB Total (0° - 120° F)
Type: QAM,QPSK,VSN and QPR

Auto Calibration

Noise Source Stability:
0.2 dB 0° - 120° F
Measurements corrected for power
level, frequency and temperature.

Automated Testing

Scan Rate: 6 Carriers/sec
Storage: >40 Scans of 135
Channels each.

C/N

Range: 50dB
Accuracy: ± 2.0 dB at 77° F
(± 3.0 dB 0° - 120° F)

Hum

Range: 0 - 5%
Filter: 20 - 200 Hz

Tilt

Automatically calculated from user
selected carriers.

Audio

Adjustable volume, waterproof
mylar speaker.

General Dimensions

4.25" x 10" x 2.75"
11 cm x 25.5 cm x 7cm
Weight: 3 lbs (1.4Kg) including
case & batteries.

Operating Temp: 0° - 120° F
(-18° to 49°C)

Storage Temp: -4° to 140° F
(-20° to 60° C)

Battery

Type: 6 Sub C Cells
Charge Time: 4 Hours
Battery Life: 4 hours Continuous
(backlight off)
Electronic Shut-Off: Saves power
extends operating time

Standard Channel Plans

NTSC, HRC, IRC, AIR (VHF,UHF), PAL,
Custom plans availble on request.

Accessories Supplied

Padded Nylon Case: Part# CASE005
110 Volt AC Charger: Part# T70
Nicad Battery Pack: Part# BAT07
12 V Car Charger Cable: Part# CH04
Operator's Manual: Part# ST1008
Rubber Duck Antenna: Part# ANT01

Optional Accessories

StrandHook/Handle: Part# SH2
PC Download Cable: Part# CA10
Clone Cable: Part# CA20
220/240 Volt AC Charger: Part# T70E
Dipole Antenna: Part# ANT02
**Magnetic Vehicle Whip 1/4 Wave
Whip Antenna:** Part# ANT03

Specifications Subject to change without notice.