



# SM8808A

## Signal Level Meter



- ▶ **Full-channel operation 5-870 MHz Frequency Range (Channels T7-T13, 2-135)**
- ▶ **4-keypad channel plans TV, CATV/STD, CATV/HRC, SUB/VHF enable quick switching between sources**
- ▶ **Single keypad frequency or channel selection provides compatibility with channel, data, and other narrow bandwidth carriers**
- ▶ **Full spectrum-analyzer scan provides display of up to 100 channels simultaneously**
- ▶ **Carrier-to-noise testing provides accurate testing of system performance anywhere in the headend or distribution system**
- ▶ **Large easy-to-read backlit Graphic LCD display provides quick-glance signal reference even in badly lit work environments**
- ▶ **AC/DC voltage readings and compatibility allows measurements through input connector, enabling signal and voltage measurements when voltage is present in tested signal without costly adapters**
- ▶ **8-Hour rechargeable NiMH batteries provide cost savings**
- ▶ **Automatic power shut-off feature extends time between recharges**
- ▶ **Yellow high impact plastic housing and soft leatherette-vinyl protective case with belt clip included**

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Pico Macom's **SM8808A** is a full-featured handheld signal performance meter providing a complete signal test system in easy-to-carry protective case. The **SM8808A** allows choice of 4 pre-programmed user-selectable band plans accessed via keypad entry for easy measurement of broadcast, CATV, CATV/HRC, and SUB/VHF channels. Direct-entry channel or frequency tuning selections provide maximum flexibility in head-ends and distribution networks that employ narrow digital signals, or non-standard frequency applications. The meter displays instantaneous digital signal levels when testing digital carrier levels. The large LCD screen displays signal level as a bar-graph with digital numeric readout. This backlit display provides screen illumination in dimly lit work-spaces allowing behind rack and night meter operation. The **SM8808A** enables testing of carrier-to-noise, multiple channels, full, reduced, and single band scan for complete testing flexibility. The meter's functions include not only signal measurement when AC/DC voltage is present under test, but when selected, voltage-level display.

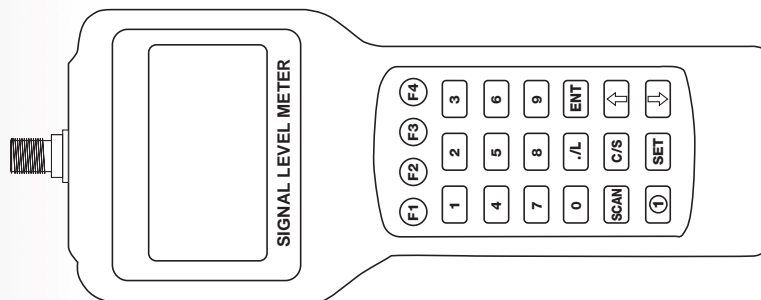
Order From:



Toll Free: 800-423-2594  
www.multicominc.com  
multicom@multicominc.com

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Signal Level Meter



## Specifications

**Input Frequency:** 5 to 870 MHz  
**Format:** NTSC Standard  
**Level Measuring Range:** -30 dBmV to +60 dBmV  
**Measurement Accuracy:** ±1 dB  
**Input Impedance:** 75 Ohms  
**Measurement Bandwidth:** Approx. 280 kHz  
**Imposed Voltage Measurement:**  
    **AC Voltage:** 100 VRMS max. 50/60 Hz  
    **DC Voltage:** 60V max.

**Measurement Resolution:** 0.1 V  
**Measurement Accuracy:** ±5% ±1 V  
**Spec-Guaranteed Temperature:** -10°C to +40°C  
**Humidity:** 30 to 85% RH  
**Storage Temperature:** -10°C to 50°C  
**Dimensions:** 4.3"(L) x 2.6"(D) x 10.0"(H)  
**Weight:** 2 lbs.

## Ordering Information

SM-8808A

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