



C A T V

INSTALLER'S

SIGNAL LEVEL

M O D E L S

813i / 815i / 819i

CATV Installer's Signal Level Meters Models 813i / 815i / 819i

- Digital amplitude display with 0.1dB resolution.
- Single keystroke toggles between tune-by-frequency and tune-by-channel.
- Amplitude range selector keys. Convenient automatic up-ranging selects higher attenuation when encountering an unexpected overrange signal.
- Power switch with automatic shutoff. Front panel settings recalled upon turn on.
- Calibration correction can easily be set with front panel controls.



- Carrying/operating bag, neck strap, and wall transformer included.
- Field replaceable "F" connector.
- Up to 99 favorite channels can be programmed for rapid drop evaluation.
- Video and Δ sound levels displayed simultaneously - preferred by CATV technicians.
- Channel and frequency digital display.
- Selection of tuning plans such as NTSC and Jerrold, (Standard and HRC), are easily selectable via the front panel.
- Synthesized tuning eliminates channel guesswork.

800 SERIES SPECIFICATIONS

Frequency accuracy	± 20 kHz (from $+20^{\circ}\text{C}$ to $+30^{\circ}\text{C}$)
Frequency tuning resolution.....	0.125 MHz
Amplitude measurement range..	-35 to +60 dBmV
Amplitude accuracy.....	± 0.75 dB (from $+20^{\circ}\text{C}$ to $+30^{\circ}\text{C}$) ± 2.0 dB (from -17°C to $+55^{\circ}\text{C}$)
IF bandwidth.....	280 kHz at 3 dB points 600 kHz at 40 dB points
Size (W x H x D).....	6.5" x 8.5" x 3.25" (16.5cm) x (21.6cm) x (8.3cm)
Weight.....	4.5 lbs. (2.04kg)
Operating temperature range.....	-17°C to $+55^{\circ}\text{C}$
Battery life.....	8 hours typical
<i>110 VAC or 220 VAC wall transformer included</i>	

Model Frequency Ranges

813i.....	46 to 600 MHz
815i.....	46 to 860 MHz
819i.....	1 to 860 MHz

Channel Plans - NTSC, FM 88-106, Off-Air, HRC, IRC, Jerrold Std, Jerrold HRC, Pal 1, Pal B-G, Pal HRC. (Custom channel plans available upon request.)

Options - Return band alignment option is available on the Model 819i. This option works in conjunction with the Applied Instruments Model 6103 headend unit.

Specifications subject to change without notice.

Accept Visa and MasterCard

800 Series

The Applied Instruments' 800 Series Signal Level Meters are compact, durable units designed for simplicity and reliability. Their many built-in features include simultaneous reading of video and sound carriers, carrier-to-noise measurement and practical features like exceptionally long battery life and the ability to recharge the battery from 12V vehicle power.

Rugged internal componentry and molded weather-resistant cases make the 800 Series meters stand tough for years of dependable service.

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