



- **Low Cost CATV Installer Meter**
- **Measures Analog & Digital Channels**
- **Field Rugged & Easy to Use**
- **Automatic Check of Favorite Channels**

## Product Description

The DisplayMax Jr 1000 is a rugged, easy to use signal level meter capable of measuring both analog and digital channels. With a power range of -20 to +30 dBmV, the Jr1000 is suited for testing at the drop or in the home. All common channel plans are available to select from and each plan allows up to 30 channels or frequencies to be programmed as "Favorite Channels", allowing direct access to the most commonly used channels. An automatic level check compares all favorite channels against internal parameters and displays pass/fail results on the LCD. All of the main functions are accessible via front panel keys: channel entry, programming digital channels, measuring the audio carrier, setting volume level of built-in speaker, checking battery level and controlling back lights. All of the setup items are preset at the factory making the Jr 1000 usable right out of the box for most users.

## Field Rugged and Accurate

The DisplayMax Jr 1000 is an extremely rugged meter designed for the abuses of daily field use. The housing and front panel are made of aluminum, not plastic. The F-connector bushing is virtually unbreakable. The keypad is weather resistant and rated for more than 1 million key presses. The large LCD has a protective lens to guard against damage and the meter is supplied in a padded nylon case with a carrying strap.

## Specifications

### FREQUENCY

Frequency Range: 47 to 600 MHz. (CH 2 - 86)  
Tuning Resolution: 125 KHz.  
IF Bandwidth: 280 KHz.

### LEVEL

Analog Power Range: -20 to +30 dBmV.  
Digital Power Range: -13 to +37 dBmV.  
Level Resolution: 0.1 dB

### ACCURACY

#### Typical Accuracy: +/- 1.0 dB

Max Additional Error at 70° F: +/- 0.5 dB  
Typical Accuracy from 0 to 120° F: +/- 1.5 dB  
Max Additional Error from 0 to 120° F: +/- 1.0 dB  
Digital Error: additional +/- 0.5 dB

### GENERAL

Battery life: 4 hours  
Fast Charge: 2 hours 80%, 4 hours 100%  
Audio: Water sealed speaker with volume control  
Weight and Dimensions: 2.2 lbs, L 7.5" x W 3.5" x D 2.2"  
Supplied Accessories: Nylon case (CASE006), 110V wall charger (T70), Ni-MH battery (BAT08), manual  
Optional Accessories: Car charger (CH04), 220V wall charger (T70E)  
Upgrade Options: Jr 1500 (CH 2 - 136)