



- **Leakage Detection**  
Calibrated uV/m Display and Variable Tone
- **Rejects False Leaks**  
Special Filter Rejects Non-Cable Signals
- **Field Rugged & Easy to Use**
- **Upgradable to Full Signal Level Meter**

## Product Description

The DisplayMax Jr 400 is rugged, easy to use leakage detector. Leakage is caused by loose connections or poorly shielded coax. These conditions allow forward channels to escape from the cable. To measure leakage, the installer attaches a rubber duck antenna to the meter's input port. Special signal processing eliminates false leakage readings caused by electrical noise, aircraft communications or other non-cable signals. The meter displays the leakage reading numerically and also emits a variable tone that increases in pitch as the leakage reading increases. Testing for leakage is a crucial part in maintaining VoIP and High-Speed Data services.

## Field Rugged

The DisplayMax Jr 400 is extremely rugged, 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 unit is supplied in a padded nylon case with a carrying strap.

## Specifications

### FREQUENCY

Frequency Range: 110 to 140 MHz.  
Tuning Resolution: 125 KHz.  
IF Bandwidth: 280 KHz.

### LEVEL

**Sensitivity: 2 uV/m**, with duck antenna 3ft from leak

### ACCURACY

**Accuracy at 70° F: +/- 1.0 dB**  
Max Additional Error from 0 to 120° F: +/- 1.0 dB

### GENERAL

Battery life: 4 hours  
Fast Charge: 2 hours 80%, 4 hours 100%  
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), Duck Antenna (ANT01), Ni-MH battery (BAT08), manual  
Optional Accessories: Car charger (CH04), 220V wall charger (T70E), dipole antenna (ANT02), monopole antenna (ANT03)  
Upgrade Options:

1. Jr 450 (Add ingress testing)
2. Jr 3000 (Add ingress and signal level meter)