DisplayMax® Jr

Model 400

Leakage Detector

- 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)