

FEATURES

- ID the satellite by “align-to-lock” or “automatic scan”
- Positive ID multi-lock algorithm eliminates false positives
- Field replaceable connectors
- Rugged durable aluminum case with rubber shock guards
- Geo-sensitive “Field Guide” software stores all satellites and transponders per region
- Zip code or Lat/Long entry provides antenna azimuth, elevation, and tilt/skew settings for all satellites
- Controls multi-LNBs/switches with 22kHz/DiSEqC
- Large back-lit graphic LCD
- Easy to use single function front panel buttons
- Displays cross-pol value from HughesNet Ku Band modems
- Able to manually enter new satellites using front panel keypad
- Audible tone for signal lock and peak
- Quick charge battery with universal AC or vehicle 12 VDC
- Computer interface for future upgrades
- Store measurements for proof-of-performance “POP Scan”
- Pass/Fail for key transponders “Limit Scan”
- LOCKs on new multi-rate / ACM signal style used by WildBlue and Telesat/Xplornet

MEASUREMENTS

- Signal Level (dBm, dBmV, dBuV) with present and peak bargraph
- Signal Quality, familiar IRD value with present and peak bargraph
- Carrier-to-noise ratio (dB)
- Bit Error Rate (Reed Solomon)
- Voltage supplied by IRD
- Current drawn by LNB
- LNB frequency deviation to check for LNB drift
- Spectrum Display (frequency on x-axis, amplitude on y-axis)
- Constellation Display (I and Q values)

SPECIFICATIONS

| | |
|----------------------------|---|
| Frequency Range | 950-2150 MHz |
| Tuning Resolution | Individual Transponders |
| Signal Level Range..... | -70 to -10 dBm (-21 to +39 dBmV) (+39 to +99 dBμV) |
| Level Accuracy | +/- 2 dB typical, 3 dB max |
| Signal Lock Formats | DSS, DVB-S, Digicipher 2, 8PSK Turbo CCM & ACM |
| Impedance | 75 Ohm |
| LNB Power | 13VDC for V/R, 18VDC for H/L, current limited at 750 mA |
| Switch Control | 22 kHz, DiSEqC, DISH Legacy |
| Battery | rechargeable NiMH 7.2V, 3.0 Ah |
| Run time/charge | 3 hours for a single LNB (depends on LNB current draw) |
| Universal AC charger | 100 to 240 VAC, 50/60 Hz fast charge and then trickle |
| Vehicle charger | 12VDC |
| Computer Interface | USB |
| RF Connector | Double-F barrel field replaceable |
| Size/Weight..... | 6.8”W x 6.4”H x 3.2”D / 2.9 lbs. (without rubber guards) 17.3cm x 16.3cm x 5.8cm / 1.3kg |
| Temperature Range..... | 0° to 125°F (-17°C to 51°C) |
| Warranty | 12 month limited |

Specifications subject to change without notice.

