



## Signal Meter

### Satellite Installer's Signal Meter Sat Buddy 2™



#### Features

- Field replaceable connectors
- 22 kHz switch control (also DiSEqC™ standard)
- Bright LED display, easy to read even in direct sunlight
- Strong audible tone
- Internal rechargeable NiMH battery
- Able to power LNB from internal battery or IRD
- Rugged, compact, weather resistant design

#### Measurements

- Signal strength (RF energy 950 to 2150 MHz)
- LNB current draw (mA)
- Voltage supplied by the IRD set top box
- Internal battery voltage

**Specifications**

■ Frequency range	950 to 2150 MHz
■ Impedance	75 $\Omega$
■ Measurable input level	-48 to -8 dBm total power -60 to -20 dBm per transponder
■ Insertion loss	14 dB (950 to 1450 MHz) 22 dB (1450 to 2150 MHz)
■ Size (H x W x D)	6.5" x 2.7" x 1.1", 1.0 lbs (16.5cm) x (6.9cm) x (2.8cm), 455g
■ Temperature range	0°F to 125°F (-17°C to +50°C)
■ Connectors	Type F female (field replaceable)
■ Power	Uses IRD power when connected, otherwise uses internal battery. IRD voltage loss through the SAT Buddy is 1.3 V. Current consumed by the SAT Buddy is 90 mA.
■ LNB Power	Current limited at 475 mA.
■ Internal Battery Pack	Rechargeable 12 cell NiMH 300 mAh, 12-16 V nominal, automatic shutoff, 1.8 hours typical use per charge.
■ Battery Charge Time	$\pm$ 12 hours from wall charger
■ Wall Charger Output	12 VDC, 200 mA, center pin positive, 2.1mm I.D.
■ Signal Measure Mode	
■ Signal Level Display	Bargraph LEDs left row x 10, right row x 1
■ Audible Tone	Dual beep rate with solid tone at peak
■ Current/Voltage Mode	
■ LNB Current Draw	0 to 500 mA (each LED segment is 50 mA)
■ LNB Supply Voltage	10 to 20 volts (each LED segment is 1V, above 9V)

**Standard Accessories**

- Padded carrying case with belt clip
- Wall transformer for charging battery, 120V or 240V
- Automobile cigarette-lighter adapter battery charger

Specifications subject to change without notice.

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