



APPLIED INSTRUMENTS, INC.

TELECOMMUNICATIONS INSTRUMENTATION

Dual Buddy™ for Multi-Sat Dish Alignment and Testing

The Dual Buddy™ satellite signal meter is used by DBS Installers to align dish antennas and verify in-house signal presence. The Dual Buddy™ has two input connectors to measure separate satellite feeds and simultaneously displays their relative signal strength. The dual signal measurement allows the Installer to properly align and adjust the antenna hardware to ensure a balanced multi-sat installation.

The Dual Buddy™ is differentiated from other broadband satellite meters by its field-replaceable connectors, illuminated display, Dual Signal Balance (DSB) audible tone, 22 kHz switch control, and weather-resistant rugged metal enclosure.

NEW!



Dual Satellite Installer's Meter Dual Buddy™

**“Don't install
without your
Buddy.”**

“Reliability through Simplicity”

Dual Buddy™

Multi-Sat Installer's Meter

FEATURES

- Two LNB signal inputs
- Field replaceable connectors
- 22 kHz switch control (also DiSEqC™ standard)
- Rugged weather-resistant metal enclosure
- Internal rechargeable NiMH battery
- Audible tone with DSB (Dual Signal Balance Mode)
- Bright LED display, easy to read even in direct sunlight
- LNB's can be powered from internal battery or IRD.
- 12 month limited warranty

MEASUREMENTS

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

STANDARD ACCESSORIES

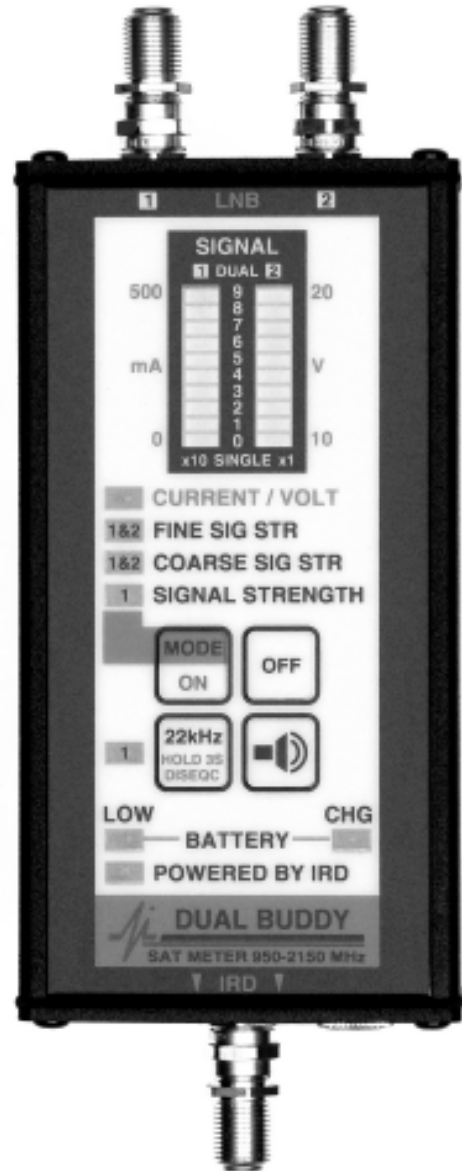
- Carrying case with belt clip
- Wall transformer for battery charging, 120 V std., 240 V avail
- Cigarette lighter adapter for battery charging

VISA, MasterCard, Amex, Discover accepted

SPECIFICATIONS

Frequency Range	950 to 2150 MHz
Impedance	75 Ohm
Measurable Input Level	-48 to -8 dBm total power -60 to -20 dBm per transponder
Insertion Loss	6 dB (950 to 1450 MHz) 11 dB (1450 to 2150 MHz)
Size (HxWxD)/ Weight	6.5" x 2.7" x 1.1", 1.0 lbs. (16.5 cm x 6.9 cm x 2.8 cm, 455g)
Temperature Range	0° to 125° F (-17° to 50° C)
Connectors	Type F female (field replaceable)
Power	Uses IRD power when connected, otherwise uses internal battery. IRD voltage loss is 1.3 V. Current consumed is 90 mA.
LNB Power	Current limited at 475 mA.
Internal Battery Pack	Rechargeable 12 cell NiMH 300 mAh, 12-16 V nominal, automatic shut off, 1.8 hours typ. use per charge.
Battery Charge Time	12 hours from wall charger
Wall Charger Output	12 VDC, 200 mA
Signal Measure Mode:	
• Signal Level Display	Bargraph LED's
• Audible Tone	Dual beep rate with solid tone at peak and when balanced
Current / Voltage Mode:	
• LNB current draw	0 to 500 mA (each bar is 50 mA)
• LNB supply voltage.	10 to 20 Volts (each bar is 1V, above 9V)

Specifications subject to change without notice.



Other Applied Instruments' meters:

- **SAT 9520: (950-2150 MHz)** — Satellite signal level (dBm), IRD Signal Quality, Carrier-to-Noise (dB), Bit-Error-Rate (BER), and Satellite Identification.
- **MDU Meter: (5-2150 MHz)** Most versatile signal level meter — Measures analog and digital signals (DBS, CATV, VHF/UHF, HDTV, and MMDS)

5230 Elmwood Ave.

Indianapolis, Indiana 46203 USA

Tel: (317) 782-4331 Fax: (317) 786-9665

Toll Free in USA: 1-800-244-2976

<http://www.appliedin.com>

 **APPLIED INSTRUMENTS, INC.**
TELECOMMUNICATIONS INSTRUMENTATION