Complete more installs faster and better using the **Super Buddy 29**™ Meter!

Be "sure of your bird" with the positive ID feature or use the automatic scan to identify the unknown satellite.

Tired of loading new satellite plans? Super Buddy 29's geo-sensitive "Field Guide" shows you just the birds visible to your install — ALL of them, and their individual transponders.

Navigate easily from bird to bird with left/right arrows and through individual transponders with up/down arrows. It's the BEST and the EASIEST!

Don't know the angles for your antenna? The zip code look-up gives you elevation and azimuth for whichever satellite you select.

Multi-switch control? DiSEqC? "They're in there."
Durability? "The best."
Voltage/current measurements? "Of course."
HughesNet cross-pol? "That too."
Signal compatibility?
"DSS, DVB-S, Digicipher 2 and Dish 8PSK. Wow!"

Satellite delivery is becoming more complex, but the Super Buddy 29 makes it easier! Handle the toughest jobs better, faster and cheaper with Super Buddy 29.

Why it's the best:
- Positive ID with ID scan
- Geo-sensitive "field guide"
- Zip code lookup
- Easy operation
- Rugged Durability

Super Buddy 29™
Satellite Meter

"Reliability through Simplicity"

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 global region
- Zip code or Lat/Long entry provides antenna azimuth, vertical angle, 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
- USB computer interface for future upgrades
- Store measurements for proof-of-performance "POP Scan"
- Pass/Fail for key transponders "Limit Scan"
- Provides power to LNBs, including the new DIRECTV SWM LNBF models and WildBlue TRIA
- 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)

STANDARD ACCESSORIES

- Shoulder strap
- Cordura protective flap
- AC Line Cord for charging battery (built-in 100 to 240 VAC Transformer)
- Automobile cigarette-lighter adapter battery charge cord
- PC Download cable (USB)
- Operation Manual
- Training video (DVD format)
- Power passing splitter (950-2150 MHz)

OPTIONAL ACCESSORIES

- NS-1 Broadband Noise Generator – for use with Super Buddy Noise Scan feature to check coax cable integrity

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 and 18VDC for H/L (current limited at 750 mA), 21VDC for DIRECTV SWM LNBs (current limited at 400 mA), 29VDC for Wild Blue TRIAs (current limited at 325 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 (without rubber guards)	6.8"W x 6.4"H x 3.2"D / 2.9 lbs. 17.3cm x16.3cm 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.

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