

PSA-37D

Portable Spectrum Analyzer

Broadcast, CATV, Satellite, Wireless Networks



- ✓ 1 MHz - 4.2 GHz Frequency Coverage
- ✓ Precision Rotary Encoder Tuning
- ✓ Independent Span and Resolution BW
- ✓ Readout Ku Band Offsets
- ✓ 13/18 VDC & 22 kHz LNA/LNB Power

CATV Analyzer with Independent Span & Resolution Bandwidth!

The PSA-37D covers the entire CATV, Broadcast, Satellite, and Wireless Network frequency ranges from 1 MHz to 4.2 GHz. The unit has a ± 2 dB amplitude accuracy which makes this the perfect analyzer for the field technician or for testing and setting head-end levels. Independent span and resolution bandwidth makes it easy to either look at the whole band or pinpoint a particular frequency or channel.

No AC/No Problem!

Battery power (and a built in charger) lets you work right at the antenna; no need for extension cords. You can also run or charge on vehicle or line power. THE PSA-37D has a built in DC Block with +13/18 VDC & 22 KHz for powering LNAs and LNBS.

Satellite Dish Alignment a Snap!

If you are doing DBS installs, you need to be on and off the job fast! DBS signals such as DISH NETWORK and DIRECT-TV can be seen with Avcom's PSA-37D. Normal DBS antenna alignments, such as roof, wall, or backyard can be accomplished in seconds because the DBS receiver and TV monitor do not have to be at the antenna.

Creative Installations Made Easy

The PSA-37D can really help with more creative DBS dish installations inside buildings, looking through sparse foliage or windows, smaller antennas, etc. When the signal is not optimum, using the PSA-37D, the signal can be quickly located and measured even though it is below the receiver's signal strength requirement.

Available Accessories

- AVPAK Cordura Nylon Carrying Case w/Straps
- QRM-35 Quick Release Rack Mount
- TISH-40 Terrestrial Interference Survey Horn
- Frequency Extenders Available!

PSA-37D

Technical Specifications

Frequency Coverage:	1 - 1100 MHz, 950 - 2150 MHz, 2100 - 3200 MHz, 3200 - 4200 MHz, Extendable with MFC's to 18 GHz
Frequency Display:	LCD 2 Line Display with Center Frequency & Span Start/Stop
Span:	Greater than 1 GHz - 0
Resolution Bandwidth:	300 kHz
RF Sensitivity:	Greater than -90 dBm Typical
Reference Levels:	0, -20, -40 dBm / +49, +29, and +9 dBmv
Scale:	2dB/Div. & 10 dB/Div.
Amplitude Accuracy:	± 2 dB Typical Per Band
Dynamic Range:	65 dB On Screen
Input Connectors:	BNC & N, DC Blocked, 50 Ohm, BNC/F Adapter Included
LNB Power:	+13/18 VDC & 22 KHz Signal
Maximum Input:	+10 dBm @ 0 dB Ref. Level; -30 dBm @ -40 dB Ref. Level
Size/Weight:	11.5" W x 5.5"H x 13.5" D/17 lbs 29.2cm x 14cm x 34.2cm/ 7.72 kg
Power Requirements:	85 - 265 VAC 50/60 Hz, 12VDC, Vehicle Power Cable Included; Internal Batteries & Charger; Sealed Gel Cell PS-630/UB-634
Display:	5" Diagonal CRT Green Phosphorous

Specifications subject change
 ©2004 Avcom of VA, Inc.
 PSA-37DRevG