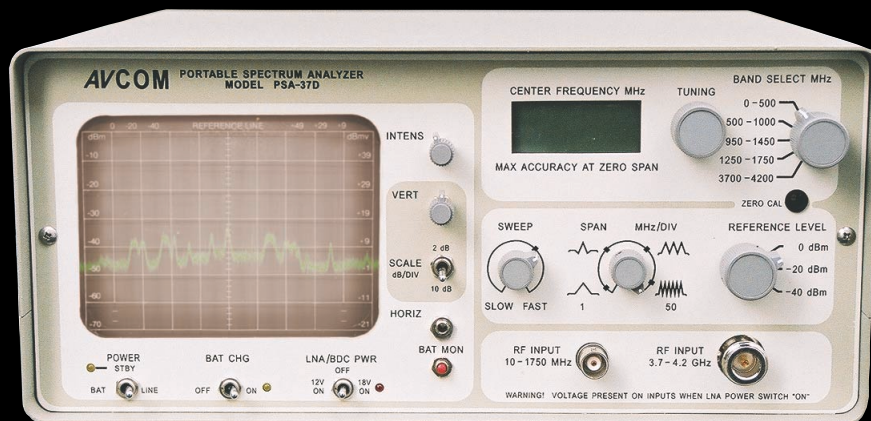


PSA-37D

Portable Spectrum Analyzer

For the Satellite and CATV Industry

- 10-1000 MHz IF & CATV
- 950-1750 MHz L Band
- 3.7 - 4.2 GHz C Band
- Center Frequency Display
- 13/18 VDC Power for LNA's & LNB's
- Internal Battery & Charger



CATV Analyzer

The PSA-37D covers the whole CATV frequency range from 10 to 1000 MHz in addition to the Satellite L band from 950 to 1750 MHz. The unit has a ± 2 dB amplitude accuracy which makes this the perfect analyzer for the field technician or for testing and setting headend levels. The variable span width makes it easy to either look at the whole band or pinpoint a particular frequency/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 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, PRIMESTAR, 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.

Accessories

- AVSAC Cordura nylon carrying case
- ADA-10A Computer Display Adapter
- QRM-35 Quick Release Rack Mount
- OSA-20A Oscilloscope Interface
- TISH-40 Terrestrial Interference Survey Horn
- Frequency Extenders Available!

Technical Specifications

Frequency Coverage:	a. 10 - 500 MHz b. 500 - 1000 MHz c. 95 - 1450 MHz d. 1250 - 1750 MHz e. 3.7 to 4.2 GHz Extendable with MFC's
Frequency Display:	4 Digit LCD
Span:	500 MHz to 0
Resolution Bandwidth:	300 KHz
RF Sensitivity:	> -90 dBm Typical
Reference Levels:	0, -20, -40 dBm / +49, +29, and +9 dBm
Scale:	2dB/Div. & 10 dB/Div. Selectable
Amplitude Accuracy:	± 2 dB Typical Per Band
Dynamic Range:	65 dB On Screen
Input Connector:	BNC & N, DC Blocked, 50 Ohm Imp.
LNB Power:	+13/18 VDC Switchable
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:	115 VAC 60 Hz (220 VAC Avail.) 12 VDC Cigar Adapter Cable Incl. Internal Batteries & Charger
Display:	5" Diagonal CRT Green Phosphorous

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