

PSA-39B

Portable Spectrum Analyzer

Satellite & Satellite HDTV



- L Band 950-2150 MHz
- Displays L, C, Ku Frequencies
- 5 Resolution B/W's 3 MHz to 75 KHz
- > -90 dBm Sensitivity
- + 13V/18V Power & 22 KHz Signal
- Digital Frequency Lock
- Encoder Wheel Tuning

Portable Spectrum Analyzer

The PSA-39B Portable Spectrum Analyzer is designed for a specific use. The 950 - 2150 MHz range covers all common satellite bands and with five resolution bandwidths, from 3 MHz to 75 KHz, make the PSA-39B a powerful diagnostic instrument for satellite & HDTV installations.

The Multi-function LCD shows center frequency of the CRT, span setting in MHz/DIV, and the start and stop frequencies of the sweep. The internal Digital Frequency Lock prevents analyzer drift. A unique band selection feature allows offset of the frequency readout to directly display L, C, or Ku Band frequencies.

DBS/DSS 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-39B. 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-39B can really help with more creative DBS dish installations (inside buildings, looking through sparse foliage or windows, smaller antennas, etc). When the signal obtained is not optimum or there is uncertainty where to point the dish, it is difficult to use the receiver's built-in alignment program. Using the PSA-39B, the signal can be quickly located and measured even though it is below the receiver's signal strength requirement. What appears to be an impossible installation may become possible.

Accessories

- AVSAC Cordura nylon carrying case
- ADA-10A Computer Display Adapter
- QRM-45 Quick Release Rack Mount
- OSA-20A Oscilloscope Interface
- TISH-40 Terrestrial Interference Survey Horn
- Frequency Extenders Available!

Technical Specifications

Frequency Coverage:	950-2150 MHz Single Sweep Extendable with MFC's
Frequency Display:	LCD 2 Line Display with Center Freq. Start/Stop Frequency and Span Width
Span:	1200 MHz to 0
Resolution Bandwidth:	Auto Selected in Span Control: 3 MHz, 1 MHz, 300 KHz, 150 KHz, 75 KHz
RF Sensitivity:	> - 90 dBm
Reference Levels:	+20, 0, -20, -40 dBm +69, +49, +29, +9 dBmV
Scale:	2dB to 10 dB/DIV Variable
Amplitude Accuracy:	± 2 dB Typical
Dynamic Range:	65 dB On Screen
Input Connector:	BNC, DC Blocked 50 Ohm Impedance
LNB Power:	+13/18 VDC Switchable 22 KHz Signal for Dual LNB System
Size/ Weight:	11.5" w x 5.5" h x 13.5" d/ 18 lbs 29.2cm x 14.0cm x 34.2cm/ 8.18 kg
Power Requirements:	115 VAC 60Hz/ 220-240 VAC 50 Hz Available 12 VDC Cigar Adapter Cable Incl., Internal Batteries & Charger
Display:	5" Diagonal CRT Green Phosphorous

