

## Portable Spectrum Analyzer

Communications and Security



- ✓ 1-1250 MHz Continuous
- ✓ Built-In Audio Demodulator
- ✓ Center Frequency Display
- ✓ Greater Than -90 dBm Sensitivity
- ✓ Built In Battery & Charger

### The Cost Effective Spectrum Analyzer That Simply Makes Sense!

The PSA-65C is a capable cost effective spectrum analyzer. Covering a range from under 1 MHz to over 1250 MHz in a single sweep makes the PSA-65C suitable for a wide range of communication applications.

The PSA-65C can be used on the bench, in the field, or in the class room. The low cost of the PSA-65C permits you to issue spectrum analyzers to your technical staff when more expensive units could not be justified. The increased productivity and diagnostic power of employees equipped with a PSA-65C will quickly offset the investment.

## PSA-65C

### Technical Specifications

Frequency Coverage:	1 - 1250 MHz, Single Sweep, Extendable with MFC's
Frequency Display:	LCD 2 Line Display With Center Start/Stop And Span
Span:	Greater than 1250 MHz - 0
Resolution Bandwidth:	3 MHz, 1 MHz, 300 KHz, 150 KHz, 10 KHz
RF Sensitivity:	Greater than -90 dBm Typical
Reference Levels:	+20, 0, -20, -40 dBm / +69, +49, +29, and +9 dBmV
Scale:	2dB/Div. & 10 dB/Div.
Amplitude Accuracy:	± 2 dB Typical
Dynamic Range:	65 dB On Screen
Input Connectors:	BNC DC Blocked, 50 Ohm
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  
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 PSA65CRevB

### Built-In Audio Demodulator!

A built in FM Audio Demodulator allows the PSA-65C to monitor transmissions after they have been observed on the display. This is particularly useful for locating electronic listening devices.

The AM Detector gives the operator the capability to "hear" the vertical deflection of the CRT trace. It was originally designed for utility companies to detect RF leaks in power transformers. A unique zero-span switch allows instant monitoring of transmissions as soon as the "spike" is tuned to the center of the display.

### Available Accessories

- ADA-10A Analyzer Display Adapter
- AVPAK Carrying Case
- BNG-1000A Broadband Noise Generator
- MFC Frequency Extenders Available