

Spectrum Analyzers and Measurement Receivers USB-SA44B: 1 Hz to 4.4 GHz

Analisador de Espectro USB, 10 Hz - 4.4 GHz, 0°C a +70°C

Faixa de Frequência: 10 Hz – 4.4 GHz

Preamplificador de baixo ruído disponível acima de 500 kHz

Resolução (RBW): de 0.1 Hz a 250 kHz e 5 MHz

Faixa Dinâmica: -151 dBm a + 10 dBm

Demodulador de áudio AM/FM/SSB/CW em tempo real

Entrada de Referência externa de 10 MHz

Alimentação diretamente pela porta USB

Pode ser usado com Netbook, Notebook ou PC de mesa.

Totalmente portátil. Pode ser levado dentro da bolsa do notebook. Pesa 300 gramas.

O Analizador vem com:

- CD do software e manual
- Cabo interface USB

Valor R\$4.400,00 Entrega entre 20dias Pagamento com deposito bancario.





Ficha Tecnica

<http://signalhound.com/spec.htm>

The **Signal Hound USB-SA44B** is a Software Defined Radio (SDR) optimized as a spectrum analyzer. It is compact, simple to use, and an effective troubleshooting tool for general lab use, engineering students, ham radio enthusiasts, and electronics hobbyists. Using recent innovations in RF technology, the Signal Hound has the sensitivity, accuracy and dynamic range you'd expect in a unit many times its cost.

The original USB-SA44 has sold out! Our new "B" model has added a preamplifier for improved sensitivity and reduced LO leakage. There is also a thermometer for temperature corrections, allowing accurate amplitude measurements over the entire operating temperature range.

Discuss the Signal Hound at our new [Signal Hound Discussion Group on Facebook](#)

Features

- RF Frequency Range: **1 Hz to 4.4 GHz**
 - Low noise amplifier available above 500 KHz
- Wide dynamic range: **-151 dBm to +10 dBm**
- Resolution bandwidths (RBW) of 0.1 Hz to 250 KHz and 5 MHz
- Includes a High Dynamic Range Measuring Receiver
 - 0.25 dB relative accuracy
 - 0 dBm to -125 dBm, 150 KHz to 1 GHz
 - 0 dBm to -115 dBm, 1 GHz to 4.4 GHz
 - Adjustable digital audio filters
 - Accurate AM and FM measurements
- No external power supply needed - draws power from USB
- Powerful Digital Signal Processing happens on the PC

- Software and Hardware included for one low price
- Additional Third-Party Software Packages are available
 - TSCM software is available, and is being marketed as "Kestrel TSCM Software" through www.pdtg.ca
- Write your own software with our free Application Programming Interface (API)
 - I/Q Data up to a 240 KHz bandwidth
 - Frequency Sweeps up to 140 MHz per second
- Compatible with Windows operating systems
 - Windows XP or newer recommended
- AM and FM Demodulation Measurements
- USB 2.0 communications at 480 MBPS
- Demodulates AM/FM/SSB/CW audio in real-time
- Automation capability using our API
- Measures 8 inches long
- Weighs 10 ounces

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