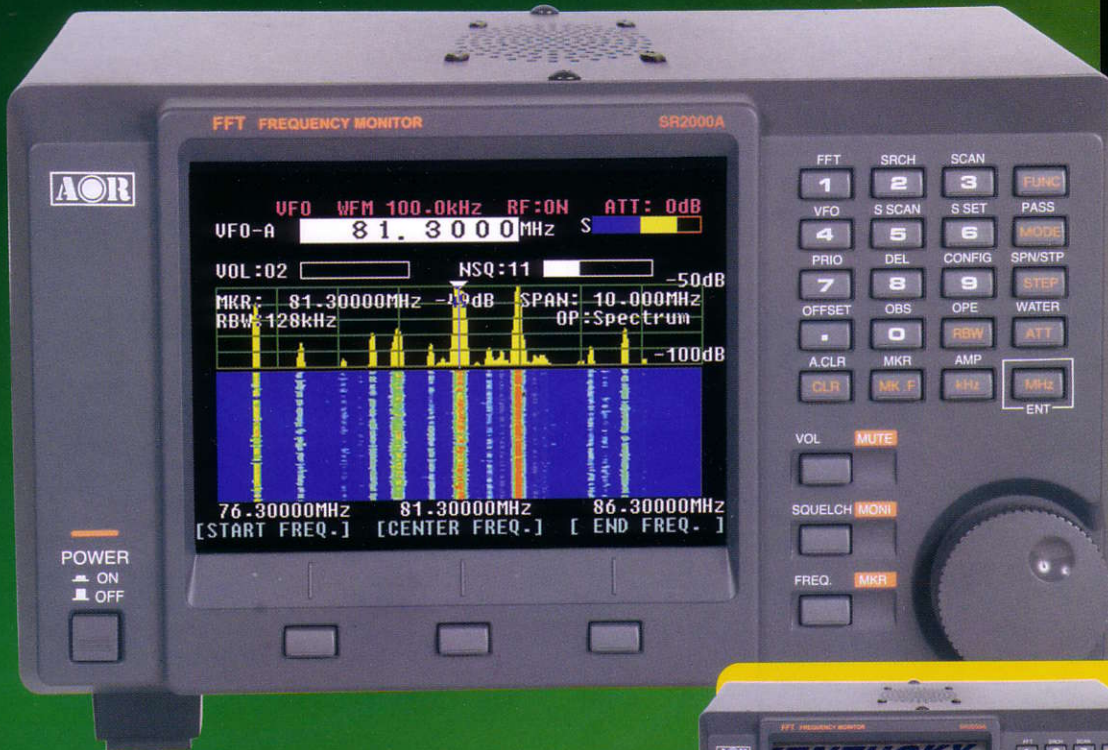


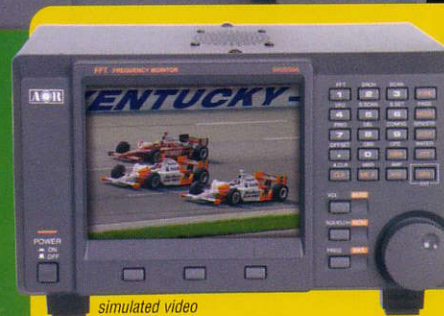
AOR SR2000A Frequency Monitor

The SR2000A is an ultra-fast spectrum display monitor featuring a high quality triple-conversion receiver and excellent audio output.



AOR puts the power of FFT (Fast Fourier Transform) algorithms to work in tandem with a powerful receiver covering 25MHz ~ 3GHz* continuous. The result is a compact color spectrum display monitor that's ultra-sensitive, incredibly fast, yet easy to use. The SR2000A features a high quality internal speaker for crisp, clean audio signals and is perfect for base, mobile or field use.

**High Speed FFT Search –
Scans 10 MHz in as little as 0.2 seconds!
Instantly detects, captures and
displays transmitted signals.**



- Frequency coverage: 25MHz ~ 3GHz (no gaps)*
- Ultra-stable, high-sensitivity triple-conversion receiver
- External video output (composite video)
- AM/NFM/WFM/SFM/TV receive modes
- Displays up to 40MHz of spectrum bandwidth (20MHz or 40MHz selectable)**
- P25 decoding function available with optional P25-8600
- Waterfall (time) display function
- 1000 memory settings (100ch x 10 memory banks)
- High speed FFT search quickly captures new signal transmissions
- Video display function (NTSC/PAL/SECAM auto select)***
- 5 inch TFT color LCD display
- Versatile color display uses state of the art digital signal processing
- Average or peak value readings
- Easy menu-driven operation
- PC control through RS232C serial port or USB interface

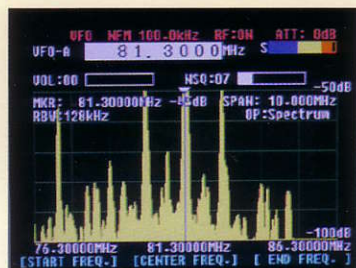
AOR SR2000A Frequency Monitor

See wideband coverage (25MHz~3GHz*) in AM/NFM/WFM/SFM/Video modes

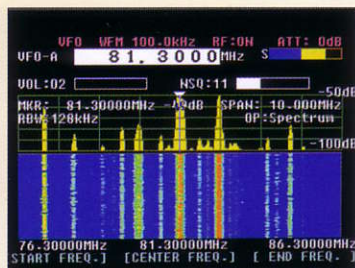
The SR2000A is a digital frequency monitor with a built-in high grade front end for the professional user. The digitally processed IF signals of the RF unit are combined with FFT technology enabling spectrum analysis and high speed signal detection in real time. In one compact unit, the SR2000A integrates a large color display with a professional grade receiver blending high RF technology with digital processing.

Monitor signals with incredible speed!

The FFT search function enables incredibly high speed signal monitoring, sweep up to 10MHz in 0.2 seconds! Using the built-in 5 inch TFT color display, it is easy to monitor the clear, crisp images of received signals. Up to 40 MHz of bandwidth can be displayed in real time through advanced Digital Signal Processing. The waterfall display function tracks signals over time and uses colors to define their strength. You can also display NTSC, PAL or SECAM Video.



simulated surveillance video



simulated analog TV reception

High grade front end delivers amazing stability

The SR2000A receiver module is a professional grade triple conversion unit that delivers amazing stability over a wide temperature range, covering 25 MHz ~ 3 GHz.

Easy-to-use control panel

The keys and single control dial on the front panel of the SR2000A are designed to enable maximum versatility and simple operation. Monitored frequency and audio gain can be adjusted simply by using the main control dial. The SR2000A features 1,000 memory channels and 40 search bank memories which can be easily be set up to suit your individual monitoring requirements.

Step Resolution Mode

The step resolution mode applies known frequency steps to specific bands (such as VHF Air).

Band Activity "scope" Mode

The Band Activity "scope" can be used effectively to monitor a known channelized band. When the operating frequency range is already known (such as in amateur radio bands), the SR2000A can be used as a band scope.

SPECIFICATIONS

Frequency range:	25 ~ 3,000 MHz* (no gap)
Receive modes:	AM/NFM/WFM/SFM/Video (NTSC, PAL, SECAM) P25 optional with P25-8600
Receiver configuration:	Triple conversion super heterodyne
IF frequency:	1st IF: 255.3 / 744.3 MHz 2nd IF: 10.7 MHz 3rd: 455 KHz
Sensitivity:	25MHz ~ 225MHz: NFM: 0.35uV (12dB SINAD) AM: 0.6uV (10dB S/N) WFM: 2.0uV (12dB SINAD) 225MHz ~ 1.7GHz: NFM: 0.35uV (12dB SINAD) AM: 0.8uV (10dB S/N) WFM: 2.0uV (12dB SINAD) 1.7GHz ~ 2.7GHz: NFM: 0.6uV (12dB SINAD) 2.7GHz ~ 3GHz: NFM: 1.5uV (12dB SINAD)
IP3:	25MHz ~ 225MHz: +1.0 dBm 225MHz ~ 1.7GHz: +1.0 dBm 1.7GHz ~ 2.7GHz: +1.0 dBm 2.7GHz ~ 3GHz: +1.0 dBm
S/N:	25 MHz ~ 225 MHz: 40 dB 225MHz ~ 1.7GHz: 35 dB 1.7GHz ~ 2.7GHz: 32 dB 2.7GHz ~ 3 GHz: 30 dB
Frequency stability:	+/- 1 ppm (32 ~ 122 degrees F)
LCD:	5 inches TFT color LCD
Memory channels:	1,000
Search banks:	40
Pass channel memory:	2,000
Priority channel:	1
Operation mode:	Spectrum mode, Step resolution mode, Channel scope mode
Input impedance:	50 ohm, BNC
Audio output:	1.2watts(at 8 ohm) 10% THD
Speaker:	Internal
PC interface:	RS-232C and a USB interface
Power requirements:	12 ~ 16 V DC, 1.4 amps (at 1 watt audio output)
Control keys:	26 keys, one (1) dial
Operating temperature:	32 ~ 122 degrees (F)
Dimensions:	220 (w) x 120 (h) x 195 (d) (mm) 8.7 (w) x 4.7(h) x 7.7 (d) (inches) Projections not included
Weight:	Approximately 3.3 KG (7.4lbs)



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Specifications are subject to change without notice or obligation.

*Cellular blocked for US consumer version. Unblocked version available to qualified purchasers; documentation required in the USA.

Printed in USA.