



APPELEZ

## OSCOR 5000 (SYSTÈME DE DÉTECTION) - DELUXE

### Description

Le Oscore fournit les possibilités les plus fiables et les plus rentables dans l'industrie, y compris la détection des émetteurs sophistiqués.

(En anglais seulement)

Features:

OSCOR PC Software for enhanced spectrum analysis, storing signal and trace databases, and spectrum comparisons including RF mapping, provides the capability for permanent profiles of sweep environments and the ability to generate reports and graphs.

### Vous avez une Question ?

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Automatic Threat Correlation. The patented OSCOR correlator provides signal classification by correlating the demodulated audio of a received signal to the ambient noises of an environment.

Automatic Signal and Trace Scanning and Logging. Only the OSCOR provides an automatic solution to rapidly logging and classifying all the signals of your environment. A quick reference guide provides a single chart that completely defines the programming process.

Built-in automatically switched antenna array. Foldout antenna panel automatically selects the proper antenna with no connections required. Pre-amp provides maximum sensitivity for the proper input. No un-reliable cable connections or mismatched antenna inputs.

Sonic ranging and triangulation to pinpoint bug locations. Using the Patented Threat Locating System, a bugging device can be readily found with no destructive searches. The Triangulate and Locate option uses sonic ranging to locate a threatening microphone.

The OSCOR provides detailed signal analysis capabilities with a complete built-in suite of audio demodulators and IF bandwidth selections. The audio demodulators include FM wideband, FM narrowband, AM wideband, AM narrowband, Sub-carrier, Single Sideband, and IF bandwidths 250 kHz, 15 kHz, and 6 kHz.

Built-in video monitors display images received on transmitted signals for protection against covert video transmitters. Supported video formats include NTSC, PAL, and SECAM. This feature is not included in the basic unit.

Built-in printer for hard-copy printouts. The OSCOR built-in thermal printer provides a user with the ability to generate printouts of important sweep data.

Removable Program chip for ease of upgrading software. When a new OSCOR upgrade comes out, simply contact REI to request a new program key.

PC Interface and Remote Control of the OSCOR. The OSCOR PC interface software provides the capability to create permanent database profiles of sweep environments, generate professional reports and graphs.

#### Specifications:

##### -RF System:

RF Receiver Type: Quad Conversion Super Heterodyne with 3 phase locked loop synthesizers  
RF Frequency Coverage: 10kHz-3GHz (3GHz-21GHz with optional MDC-2100)  
Tuning Resolution: 100Hz  
Sensitivity: 0.8 $\mu$ V typical with 15kHz Bandwidth (+15dBm MAX)  
Demodulators: AM, FM Wide, FM Narrow, FM SC, SSB/CW  
IF Bandwidth: 250kHz, 15kHz, 6kHz  
Attenuators: 0, -20dB at active whip, Discone, and VLF-MF input  
Dynamic Range: 90dB  
Subcarrier Tuning Range: 15kHz-250kHz

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Antenna Types: Balanced Loop 10kHz-500kHz (35-45kHz Narrow)  
Active Whip: 500kHz-1500MHz  
Discone: 1500MHz-3000MHz  
Infrared Detector: 10kHz-5MHz, 850-1070nm  
AC Carrier Current: 10kHz-5MHz (Balanced Across Power Line)

-Control System:

8/16 Bit Microcontroller  
512K Static RAM Memory  
Optical Encoder: 128 Pulse/Rev with variable count ratio  
Program Key: 256K Byte ROM  
Display: 128 x 256 Segment Graphics Supertwist LCD  
Printer: 192 Dot Per Line Graphics on 2" wide thermal paper

-Audio System:

Frequency Response: 50Hz-15kHz  
Voiceband Filter: 300Hz-3000Hz -18dB/Octave  
AGC Dynamic Range: 60dB  
Output Power: 3W @ 4  
Headphone Output: 0-2V rms @ 220  
Record Output: 50mV rms (with AGC) @ 500  
Remote contact: Normally Open (200mA 32V MAX)  
Balanced Auxiliary Input: 0.5V rms Nominal @ 600  
Reference Audio Input: 1mV - 1V rms @ 3.9K  
Sonic Correlator: 50Hz - 15kHz (Frequency Independent)  
Audio Alarm: 3 Level Programmable Two Tone Ringer  
Squelch: Automatic digital or manual control over full display range  
Headphones: Low acoustic leakage, output limited to 105dBA

-Power System:

AC Input: 105-130/210-260VAC, 50-60Hz, 24W  
External DC Input: 12-18VDC, 1A max  
Internal Battery: 12.6V, 2.9 Ah 3 hour operation per charge typical

-Mechanical:

Size(HxWxD): 6.25 x 18.5 x 14.5 in (47 x 36.8 x 15.9 cm)  
Weight: 24 lb. (11 kg)

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**SPYTRONIC**  
Surveillance et Haute sécurité

**1.888.SPYTRONIC**  
**514.259.4884**

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