CPM-700 Deluxe Upgrade with 2GHz-12GHz Broadband Microwave Probe

REI announces a Deluxe Upgrade for the CPM-700 (Countersurveillance Probe/Monitor) that will include a new Broadband Microwave Probe (BMP-1200) with a range of 2GHz - 12GHz.

The CPM-700 Broadband RF receiver has a standard frequency range of 15kHz to 3GHz. Many new devices, including frequency-hopping devices, are being produced that transmit at a frequency range above 3GHz. Newer model cordless phones, 802.11 wireless network access points, some wireless video, and other devices transmit above 3GHz. The advancements in high frequency transmitters above 3GHz prompted REI to develop Broadband Microwave Probe (BMP-1200) to protect against these newer devices. The new Broadband Microwave Probe (BMP-1200) has a range of 2GHz to 12GHz and provides enhanced sensitivity over the standard CPM probe in the common 2.4GHz range. The BMP-1200 probe is backwards compatible and will work with all existing CPM-700 broadband receivers.

In addition to the broadband Microwave Probe (BMP-1200), the Deluxe Upgrade will also include a Sniffer Probe for better detection in RF rich environments. The Sniffer probe is a desensitized probe with a range of 15kHz to 3GHz and is designed for pinpointing the location of devices in environments where standard probes can be saturated with RF energy (RF rich environments).

The Deluxe Upgrade will also include a hard-shell case with milled foam designed to accommodate the CPM-700 and all accessories, including the new Broadband Microwave Probe (BMP-1200) and the Sniffer Probe. The hard-shell case is better suited for travel and shipping, and is similar in size to a classic briefcase. The new Deluxe CPM-700 takes broadband detection to new levels providing increased defense against modern eavesdropping devices. The Deluxe Upgrade for CPM-700 will include the Broadband Microwave Probe, Sniffer Probe, and hard-shell and will cost $1695. The Deluxe Upgrade will be available in October, 2003.

Security Conference: Austin, Texas
September 30 -October 2

REI's semi-annual Fall Users Conference, hosted by the Texas Department of Public Safety, will be in Austin Texas this year. The conference will provide an opportunity for technicians to improve and maintain skills, as well as stay abreast of current and upcoming technology. REI will showcase the NEW Broadband Microwave Probe (BMP-1200) that extends the range of the CPM-700 to 12 Ghz, and the NEW Audio Spectrum Analysis Software at the conference. In addition to these new products, the OSCOR, Microwave Down Converter, and ORION will be covered extensively.

The registration fee for the Fall Users Conference is $495 per attendee, and includes lunches and a hospitality night. To register, or for more information, please contact Nicole Rodgers at 931-537-6032 or by email: Nicole@reiusa.net.

Computer Security Course for Technical Security Professionals

September 16-18, REI's Center For Technical Security

Computer networks are becoming one of the most common corporate security vulnerabilities, and unfortunately one of the least defended, creating a security gap for theft of proprietary, sensitive, or classified information. REI's three-day Computer Security Course covers computer security concepts and vulnerabilities through classroom instruction and hands-on exercises. The course will provide an understanding of how an organization's network should be secured, including the inherent weaknesses of wireless and hardwired networks.
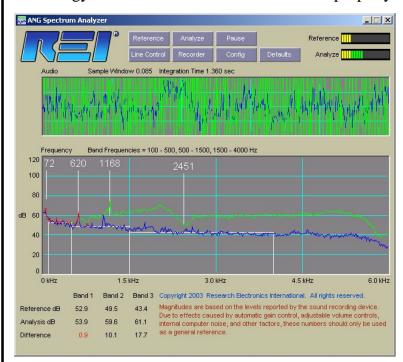
Course topics

- Wireless network vulnerabilities including wireless signal interception and "war driving"
- Password cracking demonstration
- Benefits of strong v. weak passwords
- Network firewalls, patches, network monitors, encryption, sniffing and scanning
- Competitive intelligence threats
- Malicious hacking and script kiddies
- Viruses and worms
- Computer Investigations and Computer Forensics

To register for REI's Computer Security Course, or any of REI's training courses, please call Nicole Rodgers at 931-537-6032.

NEW Audio Spectrum Analysis Software

REI announces the availability of Audio Spectrum Analysis Software for use with the ANG-2200 (Acoustic Noise Generator). The software gives the user the ability to analyze the effectiveness of acoustic masking in a specific environment. Using audio noise to mask sensitive or confidential conversations is a useful technique that has been utilized for many years, however it is a basic technology that is often misunderstood and improperly implemented. REI's Audio Spectrum Analysis Software provides the capability to measure the audio that is absorbed by environmental structures, and then analyze and adjust noise-masking levels for an effective countermeasure.

Whether you are considering implementing acoustic masking noise (white noise or pink noise) as a countermeasure, or you have already implemented a noise masking system, see REI's website (http://www.reiusa.net) and the Acoustic Noise Masking Primer for more information on the effects of voice band noise masking and guidance on proper audio noise masking system installation. This software will be available in October, 2003 and will be sold with an Acoustics Leakage Laptop Probe (ALL-200) for $299.

	Band 1	Band 2	Band 3
Reference dB	52.9	49.5	43.4
Analysis dB	53.9	59.6	61.1
Difference	0.9	10.1	17.7

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Magnitudes are based on the levels reported by the sound recording device. Due to effects caused by automatic gain control, adjustable volume controls, internal computer noise, and other factors, these numbers should only be used as a general reference.