

AUDIOTEL

Counter Surveillance Products



www.audiotel-international.com

Audiotel International
Corby Road
Weldon
Corby
Northamptonshire
England
NN17 3AR
T: +44 (0)1536 266 677
F: +44 (0)1536 266 711

AUDIOTEL
INTERNATIONAL

Eavesdropping Threats

With information becoming increasingly accessible, anyone has the potential to become a commercial spy. The Internet provides a 24-hour gateway to thousands of websites providing in-depth instructions on which listening or 'bugging' devices to purchase and effective deployment methods.

Recent quotes highlight the seriousness of the eavesdropping threat. "One London Company alone claims to have 4,500 regular customers and has taken 47,000 enquiries about listening devices within an 18 month period" SIP Services International.

"There is no challenge more ominous to global business competitiveness than economic espionage. Economic espionage is a growing threat to shareholder value with current losses estimated at \$2 billion a month." Thomas Donahue, President of the United States Chamber of Commerce.

There are an estimated 200,000 bugs and covert cameras sold in Britain every year." Privacy International.

The US State Department estimated in 1997 "the total annual expenditure on equipment and operations for illegal eavesdropping operations to be over \$2,213 million."

Given the sensitive subject nature and the unwillingness of victims to admit eavesdropping has taken place, the real figures are likely to be much higher.

Eavesdropping devices - bugs

There is no doubt that electronic listening devices, commonly known as bugs, are actively being used throughout the world.

Specialist retail outlets, mail order catalogues and Internet Websites are home to a vast number of companies selling listening devices, some costing as little as a few tens of pounds. Even the most expensive of devices can be seen as inexpensive in comparison to the value of the information sought.

With technology becoming increasingly sophisticated, microphones can be found the size of match-heads and recording devices can take shape as everyday objects such as pens and wristwatches.

Mobile phones are such a part of everyday life they are rarely given a second thought, yet they are increasingly being used as listening devices and covert cameras. Many leading suppliers offer customised services allowing customers to choose virtually any object to conceal their device.

THE BUGGING OF BRITAIN

**Snooping on rivals
is now big business**

The secret world of bugging and covert surveillance is to very serious people not only within the world of the City but also in the world of politics and the entertainment industry. Bugging experts have been also used for private security and for the investigation of criminal cases. Source: *Business Week*



Products

Audiotel designs, develops and manufactures a wide range of counter surveillance products to protect against the threat posed by eavesdropping devices.

Electronic Device Detectors

SuperBroom – non linear junction detector

The SuperBroom range of products are our highest performing non linear junction detectors (NLJD) designed to detect and locate hidden electronic devices.

Artemis – non linear junction detector

The Artemis range of products offers a lower cost solution to electronic device detection at slightly less performance than our SuperBroom range.

Counter Surveillance Receivers

Scanlock M2- counter surveillance receiver

The Scanlock M2 range of products are designed to rapidly detect and locate local eavesdropping devices which emit a radio signal.

MS300 - counter surveillance receiver

The MS300 range of products are designed to detect radio eavesdropping devices over a greater distance than the Scanlock M2

Scanlock M3 – counter surveillance receiver

The Scanlock M3 range of products are designed to rapidly detect and locate eavesdropping devices in the modern radio environment up to 10GHz.

Integrated Eavesdropping Device Detectors

Detect IV - integrated detector

The Detect IV offers an integrated solution which is capable of detecting radio eavesdropping devices, hidden electronics and metal objects in a simple to use package.

Real Time Radio Eavesdropping Protection

RoomGuard - radio monitoring alarm system

The RoomGuard is essentially a radio monitoring alarm system which is designed to give secure areas real time (24/7) protection against the threat posed by radio eavesdropping devices.

Products

Real Time Radio Eavesdropping Protection (contd.)

MeetingGuard – portable RF eavesdropping protection

The MeetingGuard is a portable system which can be rapidly deployed to protect secure meeting rooms etc. from the threat posed by radio eavesdropping devices.

Technical Advantage Gaming Protection

CasinoGuard – radio monitoring alarm system

The CasinoGuard is essentially a radio monitoring alarm system which protects casino gaming floors from the threat posed by technical advantage gamblers.

Handheld Radio Eavesdropping Device Detectors

Sig-Net - broadband RF detector

The Sig-Net offers a low cost broadband detector to protect against radio eavesdropping devices.

Sig-Net Mobile – GSM mobile phone detector

The Sig-Net Mobile offers a dedicated solution to protect against the threat posed by GSM mobile phones.

Delta V - differential RF detector

The Delta V offers a differential broadband detector which is particularly suited to close range detection of radio eavesdropping devices.

Analogue Telephone and Mains carrier Protection

TCM-03 - phone tap detector

The TCM-03 products offers a solution to the threat posed by wired (analogue phone, cable and mains carrier) eavesdropping devices.

SuperBroom

High power (up to 10W ERP)
non-linear junction detector

The improved SuperBroom is a portable, high power (up to 10W ERP, SuperBroom Advanced version), simple to use advanced Electronic Device Detector, also known as a Non-Linear Junction Detector (NLJD).

Discriminating between electronic targets and innocent naturally occurring signals, SuperBroom is capable of detecting electronic devices whether they are transmitting or hardwired, regardless if they are switched on or off.

Radiating a spectrally pure signal, SuperBroom detects the second and third harmonic return signals re-radiated by possible targets or non-linear junctions. The relative strength of these returns varies depending on the material of the junction, allowing SuperBroom to quickly distinguish electronic devices.

The output power of SuperBroom can be controlled manually (up to 10W ERP, SuperBroom Advanced version) or in automatic mode, SuperBroom can automatically adjust power output to prevent saturation of target non-linear junctions. This allows more accurate analysis of the return signals and optimises unit performance.

User Benefits

- Quick discrimination between electronic targets and innocent return signals
- Automatic power adjustment (up to 10W ERP, SuperBroom Advanced) to prevent saturation of targets and provide more accurate analysis
- Ergonomic extendable sweep head suitable for use near all types of surface
- Removable rechargeable battery, optional stand-alone charger available to maximise operating time
- Compact for easy transportation
- Sophisticated signal processing technique to reduce false triggering of susceptible devices.
- Transmitter and Receiver operating frequencies are synthesised from a common reference to eliminate tuning drift.
- SuperBroom TA version fully approved for use within the EU



Artemis non linear junction detector

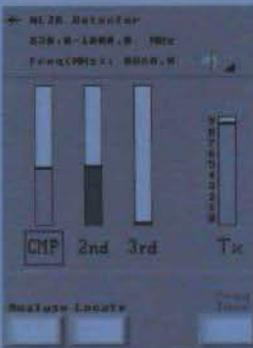
Continued improvements in technology have enabled electronic eavesdropping devices to be made smaller with better transmission and improved audio quality. Some are even capable of being switched off remotely by the user, making detection of the device extremely difficult as most electronic eavesdropping countermeasures equipment detect the active transmission signal of the eavesdropping device.

Audiotel International has pioneered the development of Non-Linear Junction detectors (NLJD) for over two decades, consistently producing market leading products in this field. This technology is capable of detecting electronic components used in the manufacture of eavesdropping devices and does not need an active signal to be present in order for the detection to take place.

Artemis, the latest in the successful range of NLJD products from Audiotel International, offers a ready to use solution that is both lightweight and user friendly. Operated using a simple touch screen mounted on the unit, Artemis is able to distinguish between electronic components and other metallic objects, thus ensuring accuracy as well as peace of mind. Combining ease of use, Digital Signal Processing techniques and optimised antenna design mean Artemis offers the very best solution for detecting hidden electronic devices even if the devices are switched off.

User Benefits

- Simple three step method of operation gives reliable and accurate detection, identification and location of hidden electronic devices
- Utilises Digital Signal Processing (DSP) techniques for advanced target identification
- Discriminates between electronic and metal targets to maximise search effort
- Ergonomic design for comfortable operation
- Lightweight and easy to use
- Unique extending head mechanism
- Compact for easy transportation
- Portable battery powered operation



Counter Surveillance Receivers

Scanlock M2 counter surveillance receiver

When searching for active RF transmitter listening devices, speed is essential. If important meeting areas are under threat from electronic eavesdropping, minutes or even seconds could potentially be worth tens of thousands of pounds to an eavesdropper.

The detection and location of illicit RF transmissions requires swift and silent action to identify and locate listening devices on the Radio Spectrum without alerting potential eavesdroppers to what is happening.

Scanlock M2 makes the detection, identification and location of covert radio transmitters quicker and easier than ever before.

Imagine how long it would take to manually tune a radio into every station on the FM bandwidth to identify what was transmitting at each frequency.

With Scanlock M2 you can not only cover the FM bandwidth, but all frequencies up to 5GHz in less than 5 seconds.

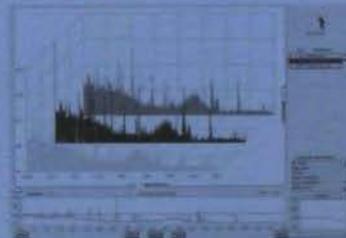
The Global Spectral Analysis Software adds a further dimension to identifying listening devices. Scanlock M2 can be controlled remotely via telecommunication networks.

Data can be saved directly to disk for further analysis; allowing multiple scan comparisons easily identifying any new and unusual bursts in activity.

Compact and portable, Scanlock M2 is easily transported and can be desk-mounted for continuous monitoring during meetings.

User Benefits

- Quickly identifies and locates active RF transmitters
- Simplified presentation of complex information
- Controllable externally via telecommunication networks to perform scans as required from any location
- Compact for easy transportation
- Cable checking function allows operator to check telephone and mains cables for listening devices
- Records identified legitimate signals, speeding up subsequent scans



MS300 counter surveillance receiver

The Microscan MS300 is a highly sensitive counter surveillance receiver that allows the detection of all major types of covert radio surveillance threat. It is capable of demodulating video signals and detecting digital listening devices giving the user the ability to listen to and view many of the signals detected. The MS300 delivers the speed, sensitivity, dynamic range and selectivity necessary to detect signals effectively, with a frequency coverage from 10kHz to 3GHz (up to 15GHz with optional MDC). The MS300 puts an end to compromise.

User Benefits

- High detection rate
- Ultra sensitive automatic sweep for analogue bugs
- Excellent detection of frequency-hopping devices
- Wide sampling bandwidth for spread spectrum devices
- On-screen video demodulators aid detection of video transmitters
- Dedicated mobile phone detector
- Scan multiple rooms for analogue bugs 10 kHz - 3 GHz in 4 minutes
- Fast scan for all signals in less than two and a half minutes
- Flexible, high resolution spectrum analyser display
- Integrates signals over time to allow detection of very low-power and 'snugger' bugs
- Comparison function allows 'friendly' signals to be eliminated
- Mains coupler allows detection of bugs using mains wiring as their transmission medium



Scanlock M3 counter surveillance receiver

The Scanlock M3 is a major advancement in the field of Technical Surveillance Counter Measures (TSCM). Enhancing the industry standard Scanlock family, the Scanlock M3 offers the TSCM operator a multitude of performance enhancements and operational benefits which can be employed to combat the threat posed by modern radio eavesdropping devices (bugs).

The Scanlock M3 includes all the tools necessary to detect, identify and locate suspicious signals within a secure area, real time analysis of signals comes as standard and the integrated detector channels (Advanced system) can identify the majority of telecommunications signals which will be present in the modern office environment.

The icon based user interface has been designed for all levels of operator. Screens range from simple lists of detected signals to more complex spectrum analysis and time domain displays.

The Advanced Analysis software (Advanced system) offers the operator remote capabilities along with real time complex signal analysis and the facility to store and annotate sweep data.

User Benefits

- wider frequency range to cover the vast majority of threats (Advanced system)
- improved scan rates to capture the fastest burst type threats
- analogue and digital (Advanced system) detection capabilities to cover the majority of threats in the modern radio environment
- ergonomic packaging design, smaller lighter and easier to use
- multi use antenna to enhance system performance to 10GHz (Advanced system)
- network connectivity for remote control and monitoring (Advanced system)
- Desk-mountable to provide continuous monitoring during meeting
- user friendly icon based user interface with multi-lingual help facility
- graphical spectral analysis software for signal analysis, remote access and historical data storage (Advanced system)



Scanlock M3 counter surveillance receiver

Performance enhancements

The Scanlock M3 has been designed with the following performance improvements:

Improved frequency range (Advanced system)

The frequency range of the Scanlock M3 Advanced has now been increased to 10GHz (Basic System, 5GHz) which will cover the majority of radio eavesdropping threats.

Faster Scan rates

The scan rate of the Scanlock M3 has been reduced by a factor of 10 compared to the existing Scanlock M2 product.

The system can now scan the entire RF spectrum (to 10GHz, Advanced System) in under 0.5s meaning that even the fastest burst type bugging transmitters will not be missed by the system.

Digital bug detection capabilities (Advanced System)

The Scanlock M3 now has the capability to detect and identify a wide range of commonly found radio transmission signals.

Formats that can be identified include; GSM, DECT, WiFi, Bluetooth, UMTS and video. This feature is particularly useful in the modern office environment where a multitude of common telecommunication signals may be present.

Integrated difference scanning

The Scanlock M3 now includes, as standard, an integrated difference scanning mode. This mode can be used to ignore friendly background radio signals and allow the operator to concentrate on signals which are local to area being checked.

This feature will greatly reduce the time taken to sweep an area for radio bugging devices.

Improved antenna (Advanced System)

Wider bandwidth

The new antenna unit has been designed to offer superior performance over the entire 10GHz range of the Scanlock M3 unit.

Dedicated detector channels

Embedded within the antenna unit are a number of filtered detector channels which increase system performance within the crowded telecommunication bands.

Ergonomic packaging design

Smaller, lighter

The main unit has been designed to be smaller, lighter and hence easier to transport and use than the existing Scanlock M2.

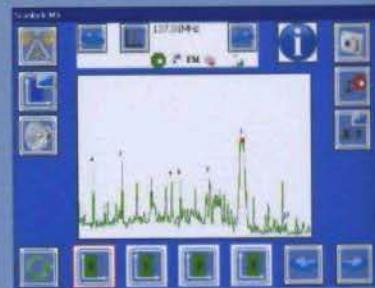
The footprint has been reduced by a factor of 30% and the overall weight has been reduced by over 1kg.

Multi use antenna design (Advanced System)

The new antenna unit has been re-designed to be easy to use in either a hand held search mode or a fixed location desk mount mode.



Scanlock M3 unit screen shot:
Main screen showing signals automatically captured in the search area



Scanlock M3 unit screen shot:
Harmonic spectral display showing captured signals in real time

Scanlock M3 counter surveillance receiver

Connectivity

The Scanlock M3 is supplied with all the connectivity functionality expected from modern counter measures equipment.

Ethernet / Internet (Advanced System)

The unit includes an ethernet port for use with the Scanlock M3 advanced software analysis package, this interface can also allow the Scanlock M3 unit to be operated remotely via any standard IP connection.

USB

The Scanlock M3 also includes a USB port which will be used for software upgrades ensuring the system is 'future proofed' against new bugging threats.

Colour User Interface

User friendly interface

The Scanlock M3 has been designed for all levels of operator ranging from simple displays to more technically complex spectrum and time domain displays.

Multi-lingual help facility

The user interface is icon based but includes a built-in multi-lingual help facility to explain the functionality of the unit.

Analysis software (Advanced System)

The Advanced system is supplied with PC analysis software which allows the user to remotely connect a PC / Laptop to the Scanlock M3 unit via ethernet.

The software package will allow the operator full remote control of the Scanlock M3 unit and allow multiple high resolution scans to be viewed and analysed in real time.

The Advanced analysis software will also allow scan data to be stored and annotated for later comparisons or inclusion in sweep reports.



PC Screen shot showing Analysis Software with real time data



Scanlock M3 unit screen shot:
Burst display (Advanced only) showing
Bluetooth signal in real time



Scanlock M3 unit screen shot:
Burst display (Advanced only) showing
DECT signal in real time

Counter Surveillance Receivers

Scanlock M3 counter surveillance receiver

Technical Specifications

Harmonic Receiver

Frequency range: Near DC to 10GHz in 4 bands
(Basic & Advanced System)
Band 0: 12.8MHz to 2.5GHz
Band 1: 2.5GHz to 5GHz
(Advanced System only)
Band 2: 5GHz to 7.5GHz
Band 3: 7.5GHz to 10GHz

Sensitivity: Better than -50dBm
Dynamic range: Better than 50dB

Broadband Detector **(Advanced System only)**

Frequency range: 10MHz to 10GHz
Sensitivity: Better than -50dBm
Dynamic range: Better than 50dB

ISM Band Detectors **(Advanced System only)**

Frequency range: 2.4GHz & 5.8GHz bands
Sensitivity: Better than -50dBm
Dynamic range: Better than 50dB

3G, GSM Detectors **(Advanced System only)**

Frequency range: Various worldwide bands
Sensitivity: Better than -50dBm
Dynamic range: Better than 50dB

Man machine interface

Display: TFT 640 x 480 VGA LCD
Screen update: 2 x per second, surveillance mode
5 x per second, locate mode

General

Main Size: 270mm x 170mm x 80mm
Main unit weight: 2.1kg
Antenna size: 260mm x 165mm x 60mm
Antenna weight: 0.8kg
Environmental:

Operating temperature:
+5degC to +35degC

Connectivity:

(Basic System)
USB for software upgrades
(Advanced System only)
USB for software upgrades
RJ45, Ethernet interface

Battery life

Battery operation: Basic unit minimum of 4 hours
External PSU: 12v DC @ 4A, reverse polarity,
overvoltage and overcurrent

Approvals

EU: EN300 440-1, EN301 489-3

Options

Basic (near DC to 5GHz)
Scanlock M3 unit, telescopic
antenna and accessories
Advanced (near DC to 10GHz)
Scanlock M3 unit with dedicated
broadband burst detectors,
network connectivity enabled,
telescopic antenna unit,
wideband antenna unit,
accessories and Scanlock M3
Analysis software



Due to our policy of continuous improvement, all specifications are subject to change without prior notice.

Detect IV integrated detector

DetectIV is a revolution in the detection of electronic eavesdropping devices. For the first time four key methods of detection have been integrated into one easy-to-use unit designed to provide anyone with the ability to detect and locate electronic eavesdropping devices.

Just as protecting your computer requires action against different threats such as viruses and hacking, different types of electronic eavesdropping device require different methods of detection.

Until now this has meant using several different types of equipment, each specialising in a different threat.

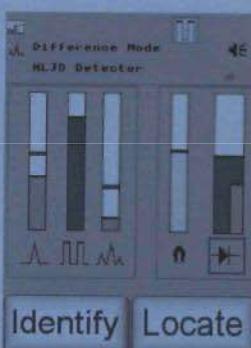
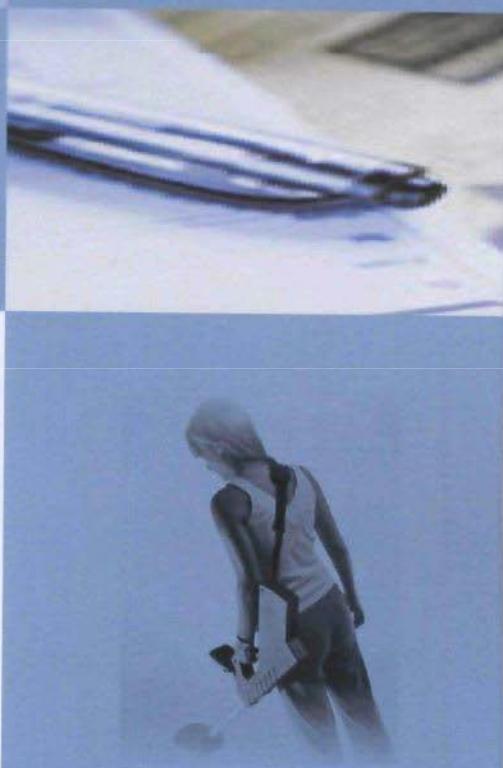
Integrating four main detection methods, DetectIV provides the most comprehensive search tool available.

As well as addressing the various eavesdropping threats the combined sensors work together to enhance the search capability, providing a more complete picture of the search environment.

Light and portable with an excellent battery life, DetectIV is easily transported and can be used with minimal training and is the ideal tool for securing today's business meeting.

User Benefits

- Designed for non-technical users
- Integrated use of sensors optimises detection of devices
- Simplified presentation of complex information
- User-friendly touch-screen controls
- Clear indication of targets
- Simultaneous sensor sweep significantly reduces search time
- Cost-effective solution for bug detection
- Ergonomic light-weight design for comfortable operation
- Integrated scanning receiver, non-linear junction detector, broadband receiver and metal detector



RoomGuard radio monitoring alarm system

Eavesdropping devices come in a variety of different forms, and the Countermeasures equipment available has traditionally been designed to be specific for a particular type of device.

This meant that an investment in several different pieces of equipment was necessary, making the cost of equipment high; however, investment and development in technology by Audiotel International Ltd brings a simple yet powerful solution to protecting your meetings.

RoomGuard is a new concept in audio/video counter surveillance protection, offering 24 hour on-line protection of your most important rooms. Whether you are being 'attacked' by radio listening devices, Mobile Phones (GSM, 3G), Bluetooth, and WiFi you can be confident that your meetings will be safe.

Distributed intelligence means that several rooms can be simultaneously monitored across your network, even remotely, using the software's ability to make a secure connection to the Internet.

Real-time protection means that should the threat be brought into the protected meeting room, detection will be instantaneous and alarms can be audible, graphic or sent using email or SMS messaging.

User Benefits

- Simple operation
- Detects all analogue and digital transmitters
- Integrated sensors optimises detection of suspicious devices
- Real time monitoring
- Signals can be filtered out, making it easier to interpret results
- User friendly set up
- Network compatible
- 24/7 protection
- Battery back up in case of power failure



MeetingGuard portable RF eavesdropping protection

MeetingGuard can be used to give real-time protection to meeting rooms, boardrooms etc. against the threat posed by radio eavesdropping devices.

The MeetingGuard is a fully configured real-time radio eavesdropping detection system built around the successful RoomGuard sensor.

Having first swept the meeting room for eavesdropping devices, using for example, Detect IV, the MeetingGuard can then be deployed to ensure that no radio eavesdropping devices are activated during the meeting.

The portable nature of MeetingGuard means that if meeting locations change your level of protection can remain the same.

The MeetingGuard system is available in two main variants:

- a fully portable solution comprising a RoomGuard sensor, a semi-ruggedised laptop (with software) and power supplies housed in a smart briefcase, this system is hand portable and can be rapidly deployed and operated from within the case.
- a semi-deployable solution comprising a RoomGuard sensor, a semi-ruggedised laptop (with software), power supplies, RoomGuard sensor tripod and system carrying case, using this system the RoomGuard sensor can be monitored from outside the sensitive area.



User Benefits

- Comprehensive protection against RF eavesdropping
- Real time monitoring
- 24/7 eavesdropping protection
- Integrated, dedicated sensors to optimise detection of suspicious signals
- Detects RF analogue and digital transmissions
- Quick and easy to deploy
- Portable



CasinoGuard radio monitoring alarm system

In more recent times, with information becoming increasingly accessible and technology advancing rapidly, anyone has the potential to become 'The Man Who Broke The Bank At Monte Carlo'. The biggest threat is the introduction of Bluetooth devices, wireless video transmitters that can be used with PDAs and mobile phones with video.

Using this type of equipment requires the gamer to have a partner, typically in the same room, who can evaluate the table and make suggestions to his or her partner to increase the odds of winning. This is known as advantage gaming and until now has been impossible to detect.

Advantage gaming devices come in a variety of different forms and with the stakes so high the professional advantage gamer can afford to invest in sophisticated equipment as an aid. Despite this sophistication, all these devices must transmit signals from the player to the partner and back and it is the detection of these signals that Audiotel International Ltd has invested in to develop a simple yet powerful solution.

CasinoGuard is a new concept, offering 24 hour, on-line protection of the gaming rooms. Whether you are being 'attacked' by radio listening devices, Mobile Phones (GSM, 3G), Bluetooth and WiFi, you can be confident that the integrity of your gaming floors remains intact.

Real time protection means that detection will be made the instant the threat arises, enabling you to take appropriate action before any serious losses are incurred.

User Benefits

- Simple operation
- Detects all analogue and digital transmitters
- Integrated sensors optimises detection of suspicious devices
- Real time monitoring
- Signals can be filtered out, making it easier to interpret results
- User friendly set up
- Network compatible
- 24/7 protection



28th March 2004

The Hungarian blonde, the two serbs, the hidden gadget...and the very angry casino

"Casinos are becoming more and more 'high tech', the latest high end computer software enables them to do this. To play the slot and 'advantage' or cheat, there are many different ways to do this. In Budapest, there was a surprising night time raid on a popular Casino, where they found hidden cameras and microphones hidden in the walls and corners of their rooms. The police said they had been to all the major casinos and none of these illegal

used a scanner hidden in a mobile phone to win

£100,000 in Macau. The Italian couple, this couple with 212 million euros in their accounts, were

14th September 2005

Three Arrests In High Tech Casino Scam Probe

A woman and two men suspected of operating a high-tech scam to fleece some of London's top casinos out of hundreds of thousands of pounds have been arrested.

They used micro-cameras and beamed the pictures to a computer monitor. The monitor was viewed by another person who then instructed the players, who were wearing hidden earpieces, whether to bet or not.

Handheld Radio Eavesdropping Device Detectors

Sig-Net broadband RF detector

The threat from electronic eavesdropping attacks does not end once a detailed countermeasures sweep has taken place.

Just like any other security measure, the protection against electronic eavesdropping attacks requires constant vigilance.

Companies best protected against eavesdropping attacks take protective measures such as shredding sensitive documents, vetting employees and contractors and most importantly, continuously monitoring against active radio transmitters.

Sig-Net is an easy-to-use, hand-held detector that immediately alerts users to active radio transmitters.

Eavesdroppers can disguise radio transmitters as any everyday objects, from pens and watches to mobile phones. Such devices are easily taken into meetings, whether the carrier is aware or not. In such cases, when the eavesdropper has all the information required, the listening device leaves the room just as easily as it entered, without leaving a trace of evidence.

What is more, when external meetings take place it is unlikely that a detailed sweep will always occur before meetings. In a situation where confidential information is exchanged, it is vital that meeting areas are monitored for active radio transmissions.

Handheld, wall-mounted or freestanding, Sig-Net is ideal for protecting against active radio transmitter attacks between sweeps and during offsite meetings.

User Benefits

- Quickly identifies and locates analogue and digital transmitters including mobile/cell phones
- Burst transmission indicator to quickly identify threats as they become active
- Easy to operate for non-technical users
- Audio and flashing alarm options so that detection can be as discreet as the user chooses
- Can be used handheld, wall mounted or free-standing making it suitable for a wide range of environments



Sig-Net Mobile GSM Phone detector

Mobile telephones have become such an integral part of today's society that they are rarely given a second thought.

From conference calling to WAP, to GPRS and video calls; most executives could not imagine life without mobile technology.

Despite these significant changes to business life, mobile phones have also brought with them their fair share of problems.

Although the interruption of meetings is the most common and obvious problem, it is probably the least damaging.

As well as interfering with critical care areas of hospitals, aircraft controls and being a fire hazard at petrol stations; mobile telephones are increasingly being used as eavesdropping devices.

From open connections or record functions to snapshot-pictures of important documents, mobile phones can pose a serious threat to sensitive information.

SigNet Mobile is an easy-to-use hand-held detector that immediately alerts users to the active use of localised mobile telephones.

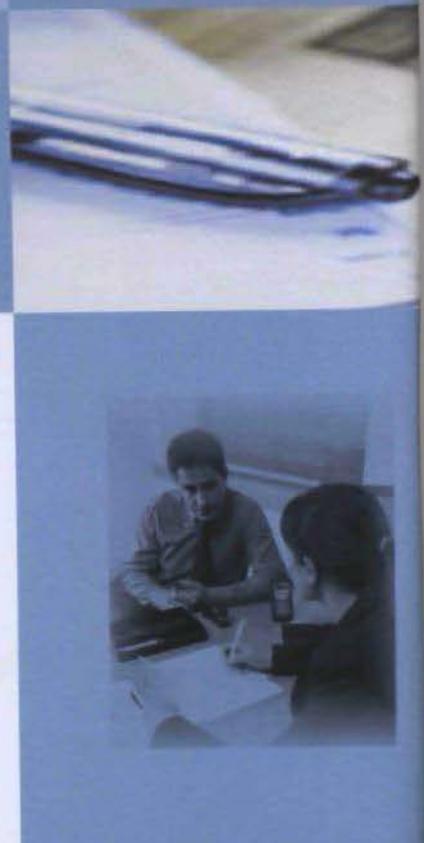
With an instant audio, vibrate or visual alarm occurring when a transmission takes place, users can quickly pinpoint the exact location of the active mobile phone using the signal strength indicator on SigNet Mobile's LCD screen.

Handheld, wall-mounted or freestanding, Sig-Net Mobile is the perfect solution for any mobile-free environment.

User Benefits



- Quickly identifies and locates active mobile telephones
- Easy to operate for non-technical users
- Audio, vibrate or flashing alarm options so that detection can be as discreet as the user chooses
- Can be used handheld, wall mounted or free-standing making it suitable for a wide range of environments
- LCD screen indicates signal strength so that the user can easily locate active mobile telephones



Handheld Radio Eavesdropping Device Detectors

Delta V differential RF detector

In areas of high RF activity, such as big cities, interference can make it difficult to pinpoint local active RF transmitters. When time is short and high-level emergency or external meetings are required it is essential to be able to quickly and easily locate active radio eavesdropping devices.

Delta V is a handheld differential RF field-strength wide band detector. Rather than measuring the absolute field strength, Delta V measures the rate of change in field strength. Ideal for use in areas with high RF activity, this technique provides a high degree of rejection of strong distant signal sources, providing greater discrimination against outside signals. The result is accurate location of active radio listening devices, wherever the meeting.

A Push Button is provided to reduce the sensitivity of Delta V whilst working close to a local transmitter. This prevents a maximum response occurring too far from a transmitter to locate the source accurately.

Portable, quick and simple to use, Delta V is the ideal tool for quick location of active listening devices.

User Benefits

- Measures the rate of change in field-strength, allowing active transmitters to be easily identified in areas with high RF activity
- Push-button sensitivity reduction to allow more accurate pinpointing of active transmitters
- Easy to operate for non-technical users
- Silent Operation option so that detection can be as discreet as the user chooses
- Highly versatile, ideal for locating radio bugs, basic RFI/EMC testing and localising illegal high-power broadcast transmitters



TCM-03 phone tap detector

TCM-03 is a sophisticated and operationally flexible cable checking system used to test room cables and wiring for evidence of listening devices.

Features of the TCM-03:

- Highly sensitive audio frequency amplifier
- Tuneable low frequency radio receiver
- Digital display meter
- Integral tone generator
- Isolated DC power output

The combination of these features provide an armoury of tools for assisting in the detection of microphone and other bugging signals at levels from microvolts to volts on all types of cable including AC and DC power cables and telephone lines.

User Benefits

- Highly sensitive audio frequency amplifier with adjustable audio levels to allow both very quiet and loud sound to be recorded and listened to easily
- Tuneable low frequency radio receiver to allow location of sub-carrier bugging devices on AC and DC power cables
- Digital display metre to detect the presence of DC power on wire pairs and to measure line condition changes.
- An integral variable sweep tone generator is used to activate single tone remotely controlled bugging devices.
- The isolated DC power output enables detection of FET or Elecret microphones connected to the cable being tested
- Switchable cable loads enable line resistance testing and mimicking of the use of the telephone.
- Test equipment included for training and setup purposes





Support & Training

Support

The Audiotel Technical Support Group (TSG) was specifically formed to offer customers technical assistance relating to the entire range of Audiotel counter surveillance products.

At Audiotel we believe that Technical Surveillance Counter Measures (TSCM) is a continuous learning process.

With over 25 years experience of Audiotel products and Technical Surveillance Counter Measures (TSCM) techniques the TSG are well equipped to deal with all technical enquiries no matter how trivial they may seem.

The TSG can be contacted during UK office hours on

T: +44(0)1536 266677
F: +44(0)1536 266711

Core UK office hours: Mon to Thur: 9:00-17:00, Fri: 08:30-16:00

or you can use the Contact Us form on the Audiotel website

Training

Audiotel International offers comprehensive training courses for all levels of TSCM knowledge.

As well as providing comprehensive product training, Audiotel International also offers a number of general countermeasures training courses and seminars.

The courses present an overview of technical surveillance techniques currently available, examples of countermeasure procedures and general security advice to help formulate TSCM security plans.

All Audiotel training courses are continuously updated to take into account the latest surveillance threats and contain information on the latest countermeasures techniques.

Our Headquarters in Corby, United Kingdom are equipped with specialist training facilities that contains a number of classrooms and target rooms providing invaluable experience in detecting, identifying and locating listening devices.

Bespoke and off-site training is also available.

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