

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



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Technical Specification

RF

Detection capability All types of transmitter including; NBFM, WBFM, AM, PM, 2.4 to 2.5GHz Video TX, FSK, ASK, PSK, GSM900 (Voice, Fax, SMS, CSD, GPRS), DCS1800 (Voice, Fax, SMS, CSD, GPRS), PCS1900, DECT, DSSS, FHSS, Burst transmitters

Frequency range 10MHz to 3GHz

Sensitivity Better than -50dBm (typical)

Dynamic range Better than 50dB (typical)

Power

Battery 4 x AA primary cells, nominal battery life 50+ hours continuous use, 20 hours worst case (back light permanently on, full volume, constantly alarmed)

Outputs

LCD Signal strength bar graph, mode indication, direction indication, alarm threshold setting

LEDs Burst transmitter indicator, alarm indicator

Audio Geiger click/ pseudo AM (from internal loudspeaker or headphone output)

Mechanical

Unit closed 128 x 64.5 x 30mm (H x W x D)
Unit open 254 x 64.5 x 27mm (H x W x D)
Weight approx. 250g

Approvals

EMC BS EN 61326:1998
Safety EN61010-1:2001
FCC Section 47 Part 15

Warranty

Sig-Net comes with a return to base warranty against defective materials and workmanship for a period of 1 year from delivery.

Technical Support Group

The Audiotel Technical Support Group (TSG) can be contacted during UK office hours on:

T: +44 (0) 1536 266677

F: +44 (0) 1536 266711

or via the Contact Us page on the Audiotel website.

Core UK office hours are (GMT):
Mon.-Thur.: 09:00am to 5:00pm
Fri.: 08:30am to 4:00pm

Training

Audiotel is able to offer full training in the operation or our products together with general counter measures training and seminars.

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

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