

## DATASHEET

# Sig-Net Mobile

## Hand-held Mobile Phone Detector

### Features

- Dedicated hand-held mobile phone detector
- Easy to operate for non-technical users
- Covers GSM and DCS1800 standards
- Capable of detecting voice, data, fax, SMS and GPRS (up to class 8) transmissions
- Audio and vibrate alarms alert user to mobile phone activity
- Flashing activity LED to indicate phone activity
- Single shot alarm LED for unattended monitoring
- LCD display indicates proximity of active mobile phone
- Integral dual band antenna
- External DC input for prolonged periods of use
- Can be used hand-held, wall-mounted or free-standing using the keypad lid/support

### Proximity Display

The LCD screen indicates the relative strength. The closer to an active transmission source the further to the right the indicator moves. When the signal source is very close and the indicator has reached maximum the display flashes.



Mobile telephones have become such an integral part of today's society that they are rarely given a second thought. In today's business environment, mobile phones have been at the forefront of global communications. 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.

### Instant Mobile Phone Detection

Sig-Net 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 Sig-Net Mobile's LCD screen.

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



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# TECHNICAL SPECIFICATIONS




## RF Characteristics

Detection capability	Voice, data, fax, SMS, GPRS (up to class 8)
Frequency Range	GSM (880 MHz to 915 MHz) DCS1800 (1710 MHz to 1785 MHz)

## Power Requirements

Battery	4 x AA primary cell
Battery life	Nominal 50+ hours use 30 hours worst case (alarm constantly triggered)
External DC input	2.5mm, centre positive 6 V @ at least 200 mA Protected against short circuit and reverse polarity connection

## Outputs

LCD	Display indicating proximity of active mobile phone
LEDs	 <b>Battery LED</b> ON indicates unit on and batteries in good condition OFF indicates unit off or batteries need replacing   <b>Mobile Phone LED</b> In all alarm modes this LED flashes while an active phone is detected. In Audio and Vibration alarm mode the LED remains ON when activity ceases   <b>Alarm Mode LED</b> OFF - No alarm mode ON - Audio alarm mode Flashing - Vibration alarm mode
Alarm	Audio tone or vibration activity alert

## Dimensions

Unit Closed	128 x 64.5 x 30 mm (H x W x D)
Unit Open	254 x 64.5 x 27 mm (H x W x D)

## Weight

Approximately 250 grams

## Accessories

Soft carrying pouch, 4 x AA batteries, wall-mounting bracket

## Order Code

Sig-Net	2-197-543
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## Approvals

EMC	BS EN 61326:1998
Safety	EN61010-1:2001

## Warranty

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

## After Sales Support

Technical Support business hours  
Greenwich Mean Time  
Monday - Thursday 8.30am - 5.15pm  
Friday 8.30am - 12.30pm  
Email: [suport@audiotel-international.com](mailto:suport@audiotel-international.com)

## Training

Audiotel International is able to offer full training in the operation of our products together with general countermeasures training and seminars.

## Contact Details

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



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