

PROVISIONAL DATASHEET


Sig-Net Mobile 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.










Sig-Net Mobile is part of the Sig-Net detector range.

Sig-Net mobile is specifically designed for use by non-technical operators.

- 1 To operate, switch the unit ON and select either the audio or silent (vibrate) Alarm mode. Pressing the  button cycles through the Alarm modes.
- 2 The unit monitors the dual GSM and DCS1800 bands for mobile phone activity. When activity is detected the user is alerted by the unit.
- 3 The user can then use the proximity LCD display to locate the source of the transmission.

ALARM MODES

Sig-Net Mobile has three alarm modes, the current alarm mode is indicated by the  LED:

-  - (off) No Alarm, the  LED flashes only when an active mobile phone is detected, otherwise the  LED is off.
-  - (on) Audio Alarm, the  LED flashes and an audible alarm is triggered only when an active mobile phone is detected. The  LED remains On until the Alarm is acknowledged by selecting No Alarm mode.
-  - (flashing) Vibration Alarm, the  LED flashes and a vibration alarm is triggered only when an active mobile phone is detected. The  LED remains On until the Alarm is acknowledged by selecting No Alarm mode.

PROXIMITY DISPLAY

The LCD screen indicates the relative signal 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.



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AUDIOTEL

INTERNATIONAL

PROVISIONAL TECHNICAL SPECIFICATION




RF CHARACTERISTICS

Detection capability	Voice, Data, Fax, SMS, GPRS (up to class 8)
Frequency range	GSM (880MHz to 915MHz) DCS1800 (1710MHz to 1785MHz)
Sensitivity	TBD
Dynamic range	> 50dB

POWER REQUIREMENTS

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

OUTPUTS

LCD Display	Display indicating proximity of active mobile phone
LEDs	 Battery LED ON indicates unit on and batteries in good condition. OFF indicates unit off or batteries need replacing.  Mobile phone LED In all Alarm modes this LED flashes while an active phone is detected. In Audio or Vibration mode the LED remains ON when activity ceases.  Alarm mode LED OFF - No alarm mode ON - Audio Alarm mode Flashing - Vibration alarm mode.flashing for vibrate alarm, OFF for no indication.

Alarm	Audio tone or vibration activity alert.
Dimensions	128mm x 64.5mm x 30mm (Unit closed) 254mm x 64.5mm x 27mm (Unit open)
Weight	Approx. 250g
Accessories	4 x AA primary cell batteries Soft carry pouch Wall mounting bracket
Order Code	TBD

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 year from delivery.



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