

DATASHEET

DETECTIV

Electronic Search System - Detect, Identify, Locate

Features

- More reliable and accurate detection, identification and location of hidden devices
- Comprehensive 4 in 1 sweeping
- Covers to 10 GHz
- Portable battery operation
- Compact for easy transportation
- Ergonomic design for comfortable operation
- Light weight and easy to use
- Versatile detection capability
- Simplified display screens
- Unique extending head mechanism



DETECTIV is a revolution in electronic search equipment to rapidly and efficiently detect, identify and locate surveillance devices (bugs).

Four tried and tested detection methods: harmonic receiver, broadband receiver, non-linear junction detector and metal detector are integrated into one compact, easy to use unit.

Combining four complementary sensor systems together means more effective and efficient search capability. With just one physical sweep of a target area four separate searches are carried out. DETECTIV automatically switches between the four sensors using each detection method in turn, five times a second; allowing a continuous display of all detector activity.

Each sensor provides information which combines to provide a comprehensive picture of any concealed targets. DETECTIV presents the multi-sensor information in a simple, easily understood bar graph display. Additional expert screens give access to more detailed information for each of the sensors. Using multiple detector information in this way improves detection and gives more accurate identification between false alarms and real targets.

Audiotel International now offers all the advantage of four traditional sweep methods in one comprehensive package.

DETECTIV, the only electronic search tool you need.



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TECHNICAL SPECIFICATION

Transmitter Detectors

Broadband Detector

Frequency range	10 MHz to 10 GHz
Sensitivity	Better than -45 dBm
Dedicated detectors	GSM, IS-136, IS-95, DECT
Audio output	AM

Harmonic Receiver

Frequency range	10 MHz to 10 GHz
Sensitivity	Better than -50 dBm
Sweep speed	250 ms approximately
Frequency resolution	128 kHz, 64 kHz, 32 kHz, 16 kHz, 8 kHz
Audio output	Wideband FM (RF)

Passive Electronic Device Detectors

Non-linear Junction Detector - NLJD

Transmit frequency range	830 MHz to 1000 MHz
Transmit mode	Approved modes for CE and FCC (factory pre-set) or un-approved user defined
Transmit power level	Pulsed to +27 dBm (0.5 W) variable
Audio output	Level indication

Metal Detector

Frequency	Approximately 10 kHz
Detection range	- Metal enclosure detected at 10 cm through Celcon block - Metal enclosure detected at 10 cm through house brick

General

Search head	Single integrated, pivoted enclosure with concealed cable runs. Circularly polarized NLJD antennas
Search head reach	1 m from hand grip - 1.4 m fully extended
Battery pack	2 x Li-Ion D-cell externally rechargeable
Battery life	2 hours continuous use, approximately
Size	0.68 M
Weight	3.2 Kg
Environmental	Operating temperature range +5°C to +35°C benign office environment
Approvals	EN300-220 EN300-330 EN61010 FCC Section 47, Part 15

Warranty

DETECTIV comes with a return-to-base warranty against defective materials and workmanship for a period of 2 years from delivery. With regular authorised maintenance and recalibration of the unit the basic warranty can be extended for a further period. See local dealer for details.

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

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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