

Artemis Advanced

A versatile search
and locate tool
to keep you protected

Artemis Advanced quickly gives you confidence you are safe

Artemis Advanced is the very latest example in Audiotel International's long history of innovation in powerful, multi-channel Non-Linear Junction Detector (NLJD) technology.

Optimised for countering hybrid threats, by locating external ground targets, surface or buried, it can also be used for internal searches of meeting rooms, offices and public areas.

Artemis Advanced integrates both NLJD technology and metal detection capability to enable fast, accurate discrimination between malicious and naturally occurring targets. This coupled with the ability to pinpoint a threat even when it is turned off, makes it the ultimate search solution.

Features and benefits

- Detects electronic devices regardless of their state; active, dormant or switched off
- High output power to increase target detection and penetration into different substrates
- Integrated metal detector for detection of screened electronic devices and buried monolithic metallic structures
- Easy to use for quick deployment
- Audio and/or visual warning of threats
- Auto-channel select allows multiple users in close proximity
- Extendable search head
- Uses digital signal processing techniques for accurate scanning
- Compact and ergonomically designed unit
- Long battery life with optional extra battery
- Patent applied technology

For more information or a demonstration
please contact us today

Telephone: +44 (0)1536 464 888

Email: info@audiotel-international.com

Visit: www.audiotel-international.com

Applications

The Artemis Advanced is an essential
search and locate product.

- Ideal for external ground search for surface and buried threats in a variety of substrates
- Can be used for internal searching of floors, walls, ceilings and other areas of concealment such as furniture, soft furnishings, curtains and clothing
- Ideal for use in meeting rooms, offices and any public areas
- Securing against fixed and remote controlled electronic devices
- Used to search for contraband items

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Technical Specification

Transmitter

Transmit Frequency	867MHz to 872MHz
Transmit channels	21
Transmit resolution	250kHz
Transmit Power	Variable, +10dBm to +40dBm
Modulation	Pulsed
Transmit antenna	Circularly polarised patch, 4dBi

Receiver

Receiver frequency	1734MHz to 1744MHz, 2nd harmonic 2601MHz to 2616MHz, 3rd harmonic
Sensitivity	-130dBm (both harmonics)
Receive antennae	Circularly polarised patches, 3dBi

Metal Detector

Frequency	10kHz
Type	CW, induction balance
Target detection	All metals including aluminium foil

Unit

MMI

Display	2.4" Colour LCD, bar graphs
Audio	Integral loudspeaker, headphone output, geiger click

Power

Battery	Removable LI-Ion battery pack, approx. 5 hours continuous use
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General

Unit size	800mm x 320mm x 52mm
Search head size	280mm x 245mm x 95mm
Overall Weight	Approx. 4.9kg



Warranty

Every Artemis Advanced comes with a full two year warranty against defective materials and workmanship which can be extended if the unit receives regular maintenance and recalibration.

Technical Support Group

For any queries contact us between 9am and 5pm Monday to Thursday and between 8.30am and 4pm on Friday.

T: +44 (0)1536 464 888

F: +44 (0)1536 268 363

Training

We offer full training in using all our products as well as in general counter measures. Please call for details.

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

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