



**‘Delivering Effective Capability’**



**SB NLJD**

**Proven and Powerful Detection**

*‘designed by Audiotel, made by Tioga’*

## Effectively locate concealed electronic devices

**A lightweight and flexible suite of NLJDs offering increased target detection and discrimination.**

Based on proven technology, the products provide an easy method to detect and locate hidden electronic devices, whether they are switched on, switched off or in standby mode. Target devices can include examples of mobile phones, cameras, transmitters and recording devices.

Available in 2, 4 or 10 Watt options. Variants of the 4 and 10 Watt models are also available with an integrated metal detector, to detect screened electronics and locating triggering devices for IED's.

### Features

- Detects electronic devices when active, dormant or switched off.
- Controllable output power to meet a range of target threats.
- Easy to use for quick deployment.
- Audio and/or visual warning of threats.
- Telescopic handle extends to over 1 metre.
- Compact and ergonomically designed unit.
- Long battery life with provision of spare battery.
- Output frequency proven for maximising the detection of modern threats.

### Applications

- Use for detecting hidden electronic devices in buildings, offices, homes, cars and many other environments.
- Can be used to search floors, walls, ceilings and other areas of concealment including furniture, soft furnishings, curtains and clothing.
- Use SB before meetings to check for illicit transmitters/recorders.
- Also, ideally suited for EOD and Counter Terror applications.
- Use to search for contraband items in prisons and correctional facilities.
- Customers include: Police, prisons, defence forces, corporate organizations, blue chip companies, sweep teams, private investigators and security firms.



# Technical Specifications

	SB02	SB04	SB04MD / SB10MD	SB10
<b>Ideal Use</b>	Suitable for detecting hidden electronic devices in buildings, offices, homes, cars and many other environments.	A 4 Watt NLJD suited for buildings and offices as well as more open spaces e.g. corridors and locating electronic devices buried within walls.	4 and 10 Watt NLJD with an integrated dedicated Metal Detector. A highly versatile device aimed at specialist search teams.	A 10 Watt NLJD. A highly versatile device aimed at specialist search teams employed in ground searches
<b>Transmit frequency</b>	865.7MHz, 866.3MHz, 866.9MHz, 867.5MHz	867MMHz to 872MHz	867MMHz to 872MHz	867MMHz to 872MHz
<b>Transmit Channels</b>	4	21	21	21
<b>Transmit Resolution</b>	250 kHz	250 kHz	250 kHz	250 kHz
<b>Transmit Power</b>	2W ERP (+ 33dBm +0dB/-2dB)	4W (36dBm)	4W (36dBm) 10W (40+dBm)	10W (40+dBm)
<b>Modulation</b>	Pulsed	Pulsed	Pulsed	Pulsed
<b>Transmit antenna</b>	Circularly polarised patch, 4dBi	Circularly polarised patch, 4dBi	Circularly polarised patch, 4dBi	Circularly polarised patch, 4dBi
<b>Receiver frequency</b>	1733.2MHz +/- 1.8MHz, 2nd harmonic 2599.8MHz +/- 2.7MHz, 3rd harmonic	1734MHz to 1744MHz, 2nd harmonic 2601MHz to 2616MHz, 3rd harmonic	1734MHz to 1744MHz, 2nd harmonic 2601MHz to 2616MHz, 3rd harmonic	1734MHz to 1744MHz, 2nd harmonic 2601MHz to 2616MHz, 3rd harmonic
<b>Sensitivity</b>	-130dBm (both harmonics)	-130dBm (both harmonics)	-130dBm (both harmonics)	-130dBm (both harmonics)
<b>Receive antennas</b>	Circularly polarised patches, 3dBi	Circularly polarised patches, 3dBi	Circularly polarised patches, 3dBi	Circularly polarised patches, 3dBi
<b>Display</b>	2.4" Colour LCD, bar graphs	2.4" Colour LCD, bar graphs	2.4" Colour LCD, bar graphs	2.4" Colour LCD, bar graphs
<b>Audio</b>	Integral Loudspeaker, Headphone Output.	Integral Loudspeaker, Headphone Output.	Integral Loudspeaker, Headphone Output.	Integral Loudspeaker, Headphone Output.
<b>Battery</b>	Removable Li-Ion battery pack – 4 to 20 hours usage	Removable Li-Ion battery pack – 4 to 20 hours usage	Removable Li-Ion battery pack – 4 to 20 hours usage	Removable Li-Ion battery pack – 4 to 20 hours usage
<b>Operating Temperature</b>	-20°C to +60°C	-20°C to +60°C	-20°C to +60°C	-20°C to +60°C
<b>Metal Detector</b>			10 kHz, CW, induction balance. All metals including aluminium foil	

## Warranty

Every SB comes with a full one 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 please contact us between 9am and 5pm Monday to Friday.

## Training

Hyperion Defence Solutions offers full training in using all of our products as well as in general counter measures.

## Please call for details

For more information or a demonstration please contact us on the following:

Telephone: +971 (0)50 731 2476  
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