

SB Detector

Light Weight, Powerful Detection of Concealed Electronics

Effectively locate concealed electronic devices

The new SB range is our latest advance in light weight powerful Non Linear Junction Detector (NLJD) technology.

A versatile device which incorporates the best elements from our 35 years of developing NLJDs. SB is available in a range of output powers 2W, 4W and 10W. An EOD variant also available, which incorporates a metal detector for increased target detection and discrimination*.

The search head is extremely light and extends up to 1 metre to reach the places that other NLJD products can't. An ultra bright led display on the search head provides the information you need, right where you need it.

*A metal detector can be added to 2W and 4W variants at additional cost.

Features

- Detects electronic devices when active, dormant or switched off
- Controllable output power to meet a range of target threats
- Integrated metal detector available
- Easy to use for quick deployment
- Audio and/or visual warning of threats
- Extendable search head reaches up to 1 metre
- Compact and ergonomically designed unit
- Long battery life with optional extra battery
- Proven output frequency for maximising detection of modern threats



Applications

The SB range is an essential part of any TSCM and Search Toolkit.

- Used 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
- NLJDs are well suited for EOD and Counter Terror applications
- Used 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



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of Hidden Electronics



Technical Specification

Transmitter

Transmit Frequency:	867MHz to 872MHz		
Transmit channels:	20		
Transit resolution:	250 kHz		
Transmit Power:	SB-2:	2W	(33dBm)
	SB-4:	4W	(36dBm)
	SB-10:	10W	(40dBm)
	SB-EOD:	10W	(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 (Standard on SB-EOD)

Frequency:	10 kHz
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
	10W and EOD version - 5 hours usage
	4W version in excess of 8 hours usage
	2W version in excess of 12 hours usage

Mechanical

Unit size:	20 x 23cm
Search Head (NLJD) size:	22 x 17 cm
Search Head NLJD & MD)	28 x 16 cm
Overall Weight:	Approx. 3.5kg

Warranty

Every SB NLJD 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.

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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