

# SB 02 Detector

Proven and Powerful Detection

## Effectively locate concealed electronic devices

The new SB02 is our latest advance in light weight powerful Non-Linear Junction Detection (NLJD) technology.

A highly versatile detector that incorporates all the best elements from our 35 years experience in developing NLJDs. The telescopic handle is extremely light and extends to over 3 feet. The SB02 has simple to use controls and an ultra-bright LED display on the search head to provide the information you need, right where you need it.



### 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 3 feet
- | Compact and ergonomically designed unit
- | Long battery life with provision of spare battery
- | Proven output frequency for maximising detection of modern threats

For more information or a demonstration please contact us today

Telephone: +44 (0)20 7258 3771

Email: [info@intpro.com](mailto:info@intpro.com)

Visit: [www.intpro.com](http://www.intpro.com)

### 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
- | 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

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## Technical Specification

### Transmitter

Transmit Frequency: 865.7MHz, 866.3MHz, 866.9MHz & 867.5MHz  
Transmit channels: 4  
Transmit resolution: 250 kHz  
Transmit Power: 2W ERP (+ 33dBm +0dB/-2dB)

Modulation: Pulsed  
Transmit antenna: Circularly polarised patch, 4dBi

### Receiver

Receiver frequency: 1733.2MHz +/- 1.8MHz, 2nd harmonic  
2599.8MHz +/- 2.7MHz, 3rd harmonic  
Sensitivity: -130dBm (both harmonics)  
Receive antennae: Circularly polarised patches, 3dBi

### Unit MMI

Display: 2.4" Colour LCD, bar graphs  
Audio: Integral Loudspeaker, Headphone Output, Geiger Click

### Power

Battery: Removable Li-Ion battery pack - 8 hours usage  
External Charger: DC input 24V @ 2.5A, External AC/DC adaptor, universal input

### Mechanical

Unit size: 20cm x 23cm  
Search Head (NLJD) size: 22cm x 17cm  
Overall Weight: Approx. 3.5kg (7.6lbs)

### Environmental

Operating Temperature Range: -20°C to +60°C  
Storage Temperature Range: -20°C to +60°C  
Humidity: In excess of 90%

### Approvals

EN 60950 (2000), EN 62311 (2008), EN 301 489-1 V1.9.2 (2011-09), EN 301 489-3 V1.6.1 (2013-06),  
EN 302 208-2 v1.4.1 (2011-07) & EN 300 440-1 v1.6.1 (2010-08).

### 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.  
T: +44 (0)20 7258 3771  
F: +44 (0)20 7569 6767

### 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



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