

■ Non-linear junction detector EDD-24XT

The EDD-24XT is a Portable Non-linear Junction Detector or NLJD. It will detect the presence of semiconductor circuits that are used in all modern electronic devices such as mobile phones, tracking devices, listening devices, covert cameras, digital voice recorders, SIM cards etc. Importantly, the EDD-24XT will detect such devices whether they are switched on and in use, powered on but in standby mode, or even switched off without any power.



Application

- Search for active and passive electronic eavesdropping devices;
- Detection of SIM Cards, Mobile Phones, Bugging Devices, Voice Recorders, Covert Video Cameras etc.;
- Search for other electronic devices comprising semiconductor elements;
- Checking parcels and mail for dangerous attachments containing semiconductors.

Features

- Detects all types of electronics - whether active, passive or even switched off;
- Adjustable Extension Pole - Extends from 30 cm to 140 cm;
- Adjustable Head Angle - 5 lockable positions over 90 degrees;
- Easy to operate with an intuitive user-friendly interface;
- 2.4 GHz Transmit - up to 4 Watts;
- 2nd Harmonic (4.8 GHz) and 3rd Harmonic (7.2 GHz) Receivers;
- As powerful and sensitive as much larger so called 'portable' units;
- Detected material Indicator 'Silicon' or 'Metal';
- Will even detect the latest NANO SIM cards from up to 20 cm;
- Audible Tone and Demodulation Function through speaker or earphones;
- Battery life up to 4.5 hours; ■ Weight less than 900 g;
- Machined Aluminium Enclosure with Moulded Plastic Antenna Cover;
- Supplied in a compact Military-Standard Carry Case.



Specifications

Transmit Frequency	2.400 GHz to 2.425 GHz (ISM Band Type B)
Transmit Power Level	Up to +30 dBm (1 Watt)
Radiated Power Antenna	Up to +36 dBm (4 Watts) within allowable limits of ISM band (Type B)
Display	3.5 inch Colour TFT Daylight Readable
Receiver Sensitivity	Better than -120 dBm on 2nd and 3rd harmonics
Receiver Bandwidth	Approx. 10 kHz
Battery	3.7 V Lithium Polymer Internal rechargeable
Battery life	4.5 Hours (Minimum TX Power) 2.0 Hours (Maximum TX Power)
DC Charge	Micro USB Socket 5 V 1 A
Charger	Input 110/220 V Auto-switching - International Adaptors
Output	5 V DC 2 A
Audio	Internal Loudspeaker or via 3.5 mm Earphone Socket
Operating Temperature	0 to +40 °C
Enclosure	Machined Aluminium Enclosure with Plastic Antenna Cover
Weight	870 g (Main unit with extension pole fitted) 3 Kg (Carry Case fitted with all accessories)
Extension Pole	Length adjustable from 30 cm to 140 cm
Dimensions	225 x 118 x 51 mm
Dimensions incl. extension pole	Height 450 x Width 110 x Depth 47 mm
Carry Case	Military Standard 363 x 282 x 120 mm