

It is a Non-Linear Junction Detector designed to search and find concealed electronics of various types: wired/wireless radio-mikes, sophisticated spy microphones, bugs, audio-video recording deappliances.vices.

Cellular phones, Remote Controlled Improvised Explosive Devices (RCIED) containing semiconductor elements.

Device detects variety of targets in every operational mode whether they are active, passive (on a stand-by) or switched-off.

Device ensures extremely efficient and successful target search rate. It provides reliable target localization in light building structures (walls, floors, ceilings), any type of furniture and various home.



handle



LF head



HF head



battery



battery pack

It is the only NLJD which can use the advantages of two probing frequency ranges depending on the operator's specific task. 880 MHz probing frequency can be used for conducting search works in certain environments with high level of attenuation (e.g. concrete constructions or humid soil). 2.4 GHz probing frequency shall be used for luggage inspection or searching for SIM cards.



SL.NO.	Name OF Items	Specification
Transmitters		
First head (LF)		
1.	Frequency	883.7 MHz to 888.7 MHz
2.	Power Out Put	30 dbm (1 watt) continuous
3.	Modulation	Continuous
Second head (HF)		
1.	Frequency	24.06 MHz to 241.4 MHz
2.	Power Out Put	30 dbm (1 watt) continuous / 35dbm(3watt) pulse
3.	Modulation	Continuous/Pulse
Receivers		
First head (LF)		
1.	Rx frequency for 2 nd and 3 rd harmonics	1767.4 to 1777.4 MHz, 2651.1 to 2666.1 MHz respectively
2.	Sensitivity	- 120 dbm
Second head (HF)		
1.	Rx frequency for 2 nd and 3 rd harmonics	481.2 to 482.8 MHz, 72.18 to 724.2 MHz respectively
2.	Sensitivity	- 115 dbm
Handle		
1.	Display	TFT color display 128x160 resolution, 262 000 color
2.	Control functions	Digital volume control 30 levels Digital power control 12 levels (Automatic power control function enable) 12 BLUE LED. Automatic on \ off system if device don't move some time to batteries economy
Output		
1.	Audio TONE	YES
2.	Audio	For head LF: AM/FM For head HF: AM
3.	Display	12 RED LED for 2 nd and 12 GREEN LED for 3 rd harmonics
4.	Scales on display	YES
5.	Test Target	YES
6.	Detection Range in open space (max Tx and max sensitivity) in dug underground	YES
7.	Test false alarm rate	YES
Power		
1.	Battery	Minimum operation time on single full charge for head LF over than 4 hrs , for head HF pulse mode 4 hrs/continuous mode 2 hrs . One spare battery with protection against reverse polarity
Weight (Approx)		
1.	Operation Weight	in hand not exceed 1,8 Kg

