



Security Defence Systems

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NLJD - MODEL COBRA NLJD 09

Non Linear Junction Detector Model COBRA NLJD 09 is designed to search and detect various types of covert listening devices, RCEID. COBRA is capable of detecting almost any electronic appliance in any operational mode: active, stand-by, switch off. The design of our devices consists in detection of radio microphones, microphone amplifiers, Dictaphones in premises (walls, floors, ceilings, furniture, etc.)

Excellent detection range, ERP up to 4W coupled with $> -115\text{dBm}$ sensitivity. Dual harmonic continuous wave (CW) or pulse transmission removes risk of missing a target due to sweeping too quickly, light weight, balanced ergonomic design for ease of use. All cables are well secured giving added advantage in the field of operation.

GENERAL FEATURES

Frequency:	between 840 MHz to 915 MHz.
Power output:	less than equivalent of 4Watt.
Receiver RX frequency:	2 nd harmonic between 1680 to 1830 MHz 3 rd harmonic between 2520 to 2745 MHz.
Sensitivity:	more than -115dBm
Antenna:	High Gain antenna
Display:	visual display for 2 nd and 3 rd harmonics.
Control Functions:	volume function power selection.
Output audio:	with and without headphones.
Test false alarm rate:	less than 5%.
Battery Power req.:	Rechargeable battery with 3hrs operation times on single full charge. One spare battery provided. Battery having protection against reverse polarity.
Battery charger:	180 to 240 V.
Weight:	Operational weight in hand $< 4.5\text{kg}$.
Operation Conditions:	Operation temperature range is -5°C to $+50^{\circ}\text{C}$.
Humidity:	90% RH.
Activation:	The system will activate any active radio controlled device in close proximity to search head.