



**TACTICAL**

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# Non Linear Junction Detector

The ACUSTEK **RECON 2.4** is the smallest Non Linear Junction (NLJ) Detector on the market and is designed to detect both active and passive electronic devices. It also provides detection of all types of eavesdropping equipment such as receiver-transmitter or radio electronic devices, including mobile phone SIM Cards, voice recorders, radio bugs and any listening device. Detection range - from 10 cm to several meters (depending on the type of detected devices). Active and Passive detection.

**INCREASED POWER AND ACCURACY** Due to the sensitivity of the antenna it allows firm detection of small hidden electronics at a depth of 15-20 cm, covered by loose soil and SIM cards, cell phones, small memory sticks and other clandestine electronic material underneath mattresses, floors, inside books or hidden in walls.

**FASTER RESPONSE TIMES** The RECON 2.4 operates in the 2.4 GHz band and incorporates a highly advanced second harmonic receiver with intuitive and highly responsive display. With only a single patch antenna, the precision and rapidity of target location at close range increases over NLJD designs. The RECON's second harmonic design offers greater operational simplicity, reduced size, and easily interpreted results requiring minimal training with highly effective performance at a significantly reduced cost.

**UNIQUE COMPACT DESIGN** Unique and innovative compact design, its small size and weight (350g) with quality ergonomic hand held portable nature means it can be immediately deployed, no set up involved.



INSPECTION APPARATUS with an innovative antenna design, a receiver incorporating 'front-end' precision-aligned filters that provide for maximum sensitivity and a new Lithium Ion battery that yields longer operational times. RECON Compact Non Linear Junction Detector (NLJD) because of its small size and irradiation compliance, the compact NLJD can be used as a personal inspection device.

- RECON 2.4Ghz Non Linear Detector
- Enclosed Stereo Headphones with Volume Control
- Micro USB Mains Charging Unit
- Device Testing Key
- Hard Carry Case
- Instruction Manual
- Weight of RECON Unit 350g
- Weight of Full Delivery Set 1.5kg



Type of probing signal	Pulsed & Continuous
Transmitter Power	Variable Power to Max 1 W
Effective Emitted Power (Antenna Gain 6dB)	ERP 4 W (Maximum)
Receiver sensitivity	-150 dB/W
Frequency	2400 MHz
Selection of channel	Automatic
Dynamic range	80 dB
Product weight	Not exceeding 350 g
Dimensions	220 x 90 x 90 (30) mm
Power	Li-Ion battery
Hours in continuous operation	Approximately 4.5 hours
Continuous running time	Minimum 3 hours
Automatic monitoring of battery discharge	Yes
Charging time	2 hours (Micro USB charging unit provided)
Operating temperature range	from - 10 to + 40 °C



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