

# NON-LINEAR DETECTOR

## VP-JD8000-NLI3

NON-LINEAR JUNCTION DETECTOR WITH DUAL DISPLAY



### FEATURES

Simultaneously detects equipments having semiconductors and metal-oxide, unsealed diode such as remote control, mobile phones, cameras, listening devices, transmitters etc.

Detects electronic devices active state as well as dormant or switched off with audio and visual warning of threats

Proven output frequency for maximizing detection of modern threats with adjustable output power to meet a range of target threats

Compact ergonomically designed unit for quick deployment & easy to use

Antenna head with built in display buzzer & vibrator for multi mode audio visual alerts

High strength carbon fiber for pole with extendable search antenna reaching minimum up to 1 meter

Reliable longer battery life with with quick charging function and spare battery availability

## TECHNICAL SPECIFICATIONS

# VP-JD8000-NLI3

Parameter	Specifications
Antenna Head	Built-in 3.5" LCD display screen for showing detection results of electronics or oxides with info and icons , TX power, 2nd & 3rd harmonic signal
Central Control Panel	Built-in 2" LCD display screen with control menu
Search Light	Supported built-in LED light
Telescopic Length	Extendable up to 1.45 m carbon fiber pole
Search Transmit Frequency:	2400 MHz to 2500 MHz
2nd Harmonic Receiver Frequency	4800MHz to 5000MHz
2Harmonic Receiver Sensitivity	<140dB
3rd Harmonic Receiver Frequency	7200 MHz to 7500 MHz
3Harmonic Receiver Sensitivity	<140dB
Receiving Dynamic Adjustable Range	30dB
Detection Distance	≥ 6m, C-class product complying with GA1236-2015 standard
Penetration	370mm brick wall and meet the grade C product specified in GA1236-2015 standard
Signal Mode	Pulse duty cycle of 6%
Pulse Width	3ms
Pulse Mode Transmit Power	Maximum 4W (EIRP)
Power Error Margin	± 10%
Interactive Interface	LCD displays received harmonic signal intensity, audio prompts and vibration alerts supported
Audio	Built-in speaker, interface for headphone available
Working Voltage	7.5V
Battery Working Time	≥ 8 Hours
Battery Type	7.4V rechargeable Lithium battery
Charge Time	Fast charging 3 hours/block
Operating Temperature	-35°C to 75°C
Humidity	95% or less non condensing
Product Dimension	750x114x108mm (±5mm)
Transit Case Dimension	700x330x180 (±10mm)
Overall Weight	≤1.52Kg ±0.05Kg (NLJ detector only)
Portable Carrying Case	Rugged high desity fiber box
Package Contents	NLJ detector x 1, Headphone x 1, Battery x 2, AC-DC Adapter x 1, Charger x 1, Electronic Test Sample x 2
Certifications	CE, FCC, ROHS

\*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product image, weights and measurements are approximate and may vary due to customized solutions & products being offered as per customer requirements.

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