

» NON-LINEAR JUNCTION DETECTOR **NLJD**

The Non-linear Junction Detector is intended for searching devices containing semi conductors

HAWK 450XD - 1WATT
 HAWK 450XD - 2WATT
 HAWK 450XD - 4WATT
 HAWK XDi - 2WATT
 HAWK XDi - 8WATT
 SEARCHER - 1WATT

SPECIFICATION	XD-1	XD-2	XD-4	XDi-2	XDi-8	Searcher
Real Time Detection of all kind of electronic circuits	✓	✓	✓	✓	✓	✓
Simultaneous Reception of 2nd & 3rd Harmonic	✓	✓	✓	✓	✓	
Automatic Comparison of 2nd & 3rd Harmonic	✓	✓	✓	✓	✓	
RF Power (ERP) should not be more than 5Watts	✓	✓	✓	✓		✓
Automatic Power Control (DSP for Auto range setting)				✓	✓	
Advanced DSP - for optimized sensitivity				✓	✓	✓
Fully automatic operation						✓
Manual & Automatic Power Control				✓	✓	
Discrimination of semi conductor junction & corrosive/bimetal junction	✓	✓	✓	✓	✓	
Continuous wave transmission (CW)	✓	✓	✓	✓	✓	
Frequency hopping - for interference free operation						✓
Specifically pure RF fundamental frequency	✓	✓	✓	✓	✓	✓
10 selectable frequencies				✓	✓	
Automatic switch off - for conserving battery life						✓
Circular, Polarized Antenna	✓	✓	✓	✓	✓	
Display of receiver signal strength of the 2nd & 3rd harmonic	✓	✓	✓	✓	✓	
Display of battery status	✓	✓	✓	✓	✓	✓
Detection of Stand alone Sim Card					✓	
Detection of Mobile Phone Switched On/Off	✓	✓	✓	✓	✓	✓
Audio Alarm/Tone & Volume Control	✓	✓	✓	✓	✓	✓
Differential audio tone electronic / corrosive				✓	✓	
AM (Amplitude demodulation) & FM (Frequency demodulation)	✓	✓	✓	✓	✓	
Internal rechargeable battery						✓
Should work continuously for 4 hours	✓	✓	✓	✓	✓	✓
Extension Tube	✓	✓	✓	✓	✓	
OLED screen (Organic Light Emitting Display)				✓	✓	✓
Single-Body Operational weight should not exceed 1Kg						✓
Seperated antenna configuration should not exceed 1Kg	✓	✓	✓	✓	✓	✓
Bluetooth Headphones				✓	✓	
Screen Shade				✓	✓	
2 Year Warranty	✓	✓	✓	✓	✓	✓

Target Markets:
HAWK 450XD Electronic Countermeasure Searches (TSCM)

SEARCHER Close Protection Body Search & TSCM

HAWK XDi Improvised Explosive Device Disposal & TSCM