

WG 24T Non-Linear Junction Detector



WESTMINSTER
GROUP PLC

Product Code: 4040-05

Key Features



Detects All Types of Electronics



Easy to Operate



User-Friendly Interface



Detected Material Indicator



4.5 Hour Battery Life



Military Standard Carry Case



Overview

The WG 24T is a compact handheld Non-Linear Junction Detector designed specifically for professional countermeasures use.

Based on proven technology, the WG 24T Non-Linear Junction Detector provides an easy method to detect and locate hidden electronic devices, whether they are switched on, switched off or in standby mode.

Target devices can include examples of mobile phones, cameras, transmitters, and recording devices.

The WG 24T is portable, and has been designed for handheld use, weighing just 700g. It is encased in a machined aluminium enclosure for ultimate durability with a tough plastic antenna cover. The internal Lithium Polymer battery pack gives up to 4.5 hours of use from one charge. The whole package is supplied in a compact military standard carry case for ultimate protection and portability. The total weight is just 2.0kg.

Features

Detects Active, Passive or Switched Off Electronics

Easy to Operate

2.4 GHz Transmit – up to 4 Watts

Audible Tone and Demodulation Function

4.5 Hour Battery Life

Weight: 700g

WG 24T Non-Linear Junction Detector



Specification			
Transmit Frequency	2.4 GHz to 2.425 GHz (ISM Band Type B)		
Transmit Frequency (Channels)	Ch1 – 2.424 GHz Ch2 – 2.416 GHz Ch3 – 2.404 GHz		
Transmit Power	+36dBm (4 watts) ERP, within allowable limits of ISM band (Type B)		
Transmit Antenna	Circularly Polarised		
Modulation	Pulsed		
Receive Frequency	<table border="1"> <tr> <td>2nd Harmonic Ch1 – 4.848 GHz Ch2 – 4.832 GHz Ch3 – 4.808 GHz</td> <td>3rd Harmonic Ch1 – 7.272 GHz Ch2 – 7.248 GHz Ch3 – 7.212 GHz</td> </tr> </table>	2nd Harmonic Ch1 – 4.848 GHz Ch2 – 4.832 GHz Ch3 – 4.808 GHz	3rd Harmonic Ch1 – 7.272 GHz Ch2 – 7.248 GHz Ch3 – 7.212 GHz
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Receiver Sensitivity	-120dBm on 2nd and 3rd harmonics		
Receiver Bandwidth	Approx. 10KHz		
Receiver Antennas	Circularly Polarised		
Display	3.5 inch Colour TFT Daylight		
Audio	Internal Loudspeaker or via 3.5mm Earphone Socket		
Battery	3.7V Lithium Polymer Internal Rechargeable		
Battery Life	4.5 Hours (Minimum TX Power) 2.0 Hours (Maximum TX Power)		
DC Charge	Micro USB Socket 5V 1A		
Charger	Input 110/220 V Auto-switching International Adapters Output 5V DC 2A		
Operating Temperature	0° to 40°C		
Enclosure	Machined Aluminium Enclosure with Plastic Antenna Cover		
Weight	Main Unit: 700g With Carry Case: 2.0kg		
Dimensions (Main Unit)	H225 x W118 x D51 mm		
Dimensions (Carry Case)	Military Standard H321 x W229 x D111 mm		