

# PRO-SL8

Pocket Digital  
Wideband RF  
Detector 0 - 8 GHz



## FEATURES

- Pocket sized RF Detector with unrivalled performance for its size.
- Ultra Wide Frequency response 0 - 8 Ghz
- Built in Frequency Counter 0 - 6 GHz
- Ultra Sensitive - Detects signals from up to 10 metres
- Digital 'Burst' Signal Detect for GPS Trackers etc
- Detects both Digital & Analogue signals
- OLED Display for ultimate clarity in all lighting conditions
- Audio Demodulation - Listen to detected signals through earphones
- Signal Strength 'Beep' and Silent Vibrate Mode
- Machined Aluminium enclosure for ultimate durability
- Internal Lithium Polymer battery pack – Charger supplied
- Supplied in protective plastic carry case

The PRO-SL8 is an ultra-compact pocket Bug Detector with a unrivalled performance for its size.

The PRO-SL8 features a 0 to 8 GHz frequency detection range with ultra-high sensitivity but couldn't be simpler to operate. Simply switch on and any detected will be shown on the built in OLED display.



It is designed to detect and locate signals from the very latest covert listening, tracking, cellular, and video devices. With a completely new hardware design the PRO-SL8 has unrivalled sensitivity for its size and can also display detected frequencies up to 6GHz.

A 20 segment display indicates signal strength along with an audio tone, enabling you to pin point the signal source precisely. The frequency of the detected signal can be seen simultaneously and the Burst Detect feature ensures short bursts such as those from GPS trackers or other burst devices will not be unnoticed.

If you wish to check for devices without alerting others the PRO-SL8 can be set to silent vibrate mode. If any signals are detected the unit will pulse vibrate silently, allowing you to keep it concealed on your person, in a jacket pocket, for example.

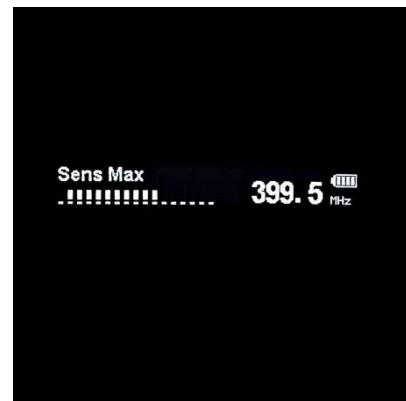
The PRO-SL8 is designed and manufactured in the UK to the highest specification and is enclosed in a machined aircraft-grade aluminium enclosure. It uses an integral Lithium-polymer battery pack and is supplied with an international charger. The complete system is supplied in a protective plastic carry case for protection and portability.

#### SUPPLIED ACCESSORIES

- Flexible Multiband Whip Antenna
- 5V DC Charger - 110V to 240V AC input (Auto Switching) with International Adaptors
- Earphones
- High Protection Carry Case



PRO-SL8 with earphones



Display showing detected signal



Protective Carry case



Charge socket for internal lithium battery

**TECHNICAL SPECIFICATIONS**

Typical Performance Characteristics - at 20 degrees

Antenna Connector	MCX Socket - 50 Ohm
Input Frequency Range	1MHz – 8000MHz (8 GHz)
Sensitivity	100MHz -42 dBm
	200MHz -42 dBm
	500MHz -42 dBm
	1GHz -44 dBm
	2GHz -46 dBm
	5GHz -42 dBm
	8Ghz -40 dBm
Frequency Counter	100 Mhz to 6000MHz (6 GHz)
Demodulation Sens. for 50mW Audio	-30dBm (measured at 500MHz 50% AM 1kHz)
Audio Frequency Response	400Hz – 5kHz +/-2dB
Display	OLED High Contrast Graphic Display
Battery	Internal 3.7V Li-Ion rechargeable
	Operating Duration –6 hours
	Charge Time – up to 4 hours
Operating Temperature Range	-15 – +50 degrees C - Relative Humidity < 90%
Dimensions	126 mm x 65 mm x 25 mm
Weight	200 g – Main Unit
Signal Processing and Control	RISC Based Microcontroller

