

Metal Detector

Product Description

The MD8+ is a hand held metal detector (HHMD) suitable for use by both civilian and military agencies and can be used for:

- Mine Detection/Clearance
- Explosive Ordnance Clearance
- Post Blast Scene Search
- Area Search

The MD8+ utilises high-speed pulse induction to provide optimum sensitivity capable of detecting all currently deployed minimum metal AP and AT mines or small metallic targets.

Automatic in both calibration and detection it is self-adjusting to the operating environment and because of its simplicity of use requires only minimal training. All components are integrated into a single unit obviating the need for external power packs and cables. The design and manufacture provides a rugged, sealed, water resistant and highly reliable detector capable of being operated in all climatic conditions.

The novel detector head design and the LED array located on the turret helps facilitates the pinpointing of target munitions under the most difficult of conditions including the location of small targets in close proximity to large ones.

Incorporated, comprehensive automatic self-test procedures are confirmed to the operator by a confidence tone.

A minimum of 12 hours consistent operation performance from 3 quality manganese alkaline D cell batteries is ensured by an automatic power management system.

Nexus Defence Limited
Company Number 07213253
PO Box 3640
Malmesbury
Wiltshire.
SN16 1AT

T +44 (0)2032867690

enquiries@nexus-defence.com



Metal Detector

Technical Specifications



Electronics	Single 2.4PEC double sided employing surface – mount technology. Processors 2 x RISC based 8 BIT incorporating ADC
Batteries	Quantity 3 dry cells IEE LR20 Manganese Alkaline
Battery Life	At maximum sensitivity – 12 hours At medium and low sensitivity – 18 hours
Soft Case (Haversack)	Black Cordora weather proof construction
Transit Case	Storm Case with custom foam cut out
Transit Weight	5kg
Operating Weight	2.3kg
Operating Length	Max 1560mm, Min 1120mm
Detection Performance	Type 72 APM 100mm, 9mm Bullet Case 250mm
Max useable detection	0.05g Stainless steel at 75mm
Temperature	-25 C – 60 C (Operation and storage)

Nexus Defence Limited
Company Number 07213253
PO Box 3640
Malmesbury
Wiltshire.
SN16 1AT

T +44 (0)2032867690

enquiries@nexus-defence.com

