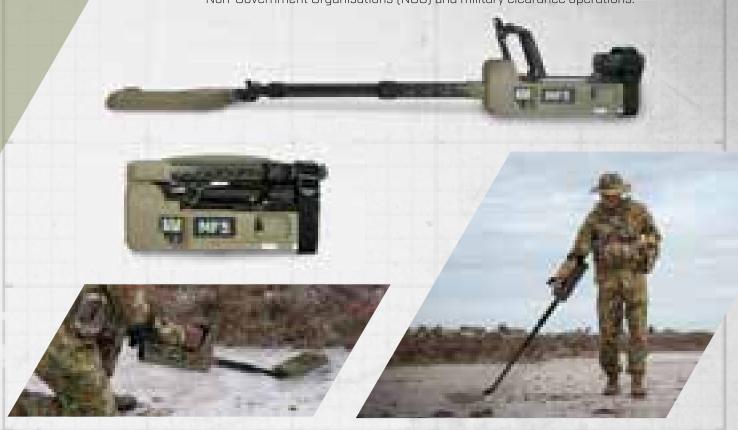


# METAL and Conductive Target Detector

Minelab's unique Simultaneous Multi-Frequency Digital technology results in the MF5 providing superior detection capabilities by combining the advantages of Pulse Induction and Continuous Wave technologies. The MF5 is a lightweight and compact detector designed for operator comfort and ease of use. The MF5 is suitable for Non-Government Organisations (NGO) and military clearance operations.



### The **MF5** is supplied as a Detecting Set comprising:

### Included Items:

- MF5 Detector
- Carry Bag
- Hard Transit Case
- Earset
- Test Piece
- Operations Manual
- Field Guide











## MF5 Key Features



- Detects metal and conductive targets including fine wires and carbon rods
- Able to detect targets in all types of soil regardless of mineralised content
- Selectable Target Alert Responses (Audio, Visual (LED), Vibration)
- · Selectable sensitivity
- · Adjustable volume
- · Three sensor modes:
  - → Detection Mode
  - → Interrogation Mode
  - Pinpoint Mode

- Provides indications of ferrous and non-ferrous targets, carbon rods and fine wires
- Able to operate in environments of high electrical interference
- Provision of a Tactical Mode selectable at start-up or anytime during operations
- Fully adjustable for operator comfort
- Simple and intuitive controls
- Fast and simple three step setup procedure
- Open web coil
- Waterproof IP 68

### MF5 SPECIFICATIONS

#### **MF5 GENERAL SPECIFICATIONS**

Volume Control Collapsed Size 400 x 99 x 194 mm (15.7" x 3.9" x 7.6") Extended Size 1615 x 191 x 237 mm (63.6" x 7.5" x 9.3") 2.8 kg (6.2 lb) with rechargeable NiMH C cell Weight, Operational Internal Speaker / MF5 Earset / Audio Output Audio Adaptor Cable MF5 Earset Earset Waterproof to 3 m / 10 ft (IP 68) Waterproof -30°C to +60°C (-22°F to 140°F) Operating Temperature Range -30°C to +80°C (-22°F to 176°F) Storage Temperature Range MIL-STD-810G Environmental **EMC** MIL-STD-461G Compliance CE / RCM / FCC / IC Software Upgradeable Rechargeable NiMH / Alkaline C cells **Battery Compatibility** Battery Life 10 hours with NiMH batteries

#### MF5 DETECTION SPECIFICATIONS

Key Technologies	Simultaneous Multi-Frequency Digital Metal Detection
Coil	Transmit Coil: Monoloop 269 x 191 mm (10.6" x 7.5") Receive Coil: Figure 8
Operating Frequencies	Four frequencies in the range 5 kHz to 75 kHz
Output Power	<-30dBm
Sensitivity	1 to 5
Noise Cancel	Automatic, Operator initiated
Ground Balance	Automatic, Operator initiated, Settings retained after switch off
Target Identification	Ferrous / Non-Ferrous / Carbon Rods — Fine Wires

### COUNTERMINE



+61 (8) 8238 0888



countermine@minelab.com.au

www.minelab.com/countermine

