

# MF5 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
- C cell Batteries (NiMH or Alkaline x 4)
- Earset
- Test Piece
- Operations Manual
- Field Guide



# MF5 Key Features



- Detects metal and conductive targets including fine wires and carbon rods
- Provides indications of ferrous and non-ferrous targets, carbon rods and fine wires
- Able to detect targets in all types of soil regardless of mineralised content
- Able to operate in environments of high electrical interference
- Selectable Target Alert Responses (Audio, Visual (LED), Vibration)
- Provision of a Tactical Mode selectable at start-up or anytime during operations
- Selectable sensitivity
- Fully adjustable for operator comfort
- Adjustable volume
- Simple and intuitive controls
- Three sensor modes:
  - Detection Mode
  - Interrogation Mode
  - Pinpoint Mode
- Fast and simple three step setup procedure
- Open web coil
- Waterproof – IP 68

# MF5 SPECIFICATIONS

## MF5 GENERAL SPECIFICATIONS

Volume Control	1 to 9
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")
Weight, Operational	2.8 kg (6.2 lb) with rechargeable NiMH C cell batteries
Audio Output	Internal Speaker / MF5 Earset / Audio Adaptor Cable
Earset	MF5 Earset
Waterproof	Waterproof to 3 m / 10 ft (IP 68)
Operating Temperature Range	-30°C to +60°C (-22°F to 140°F)
Storage Temperature Range	-30°C to +80°C (-22°F to 176°F)
Environmental	MIL-STD-810G
EMC	MIL-STD-461G
Compliance	CE / RCM / FCC / IC
Software Upgradeable	Yes
Battery Compatibility	Rechargeable NiMH / Alkaline C cells
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

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