

# Minelab MANTICORE Metal Detector



## Features:

Multi-IQ+ is the newest generation Simultaneous Multi-Frequency engine from Minelab, building on the success of the original Multi-IQ. Multi-IQ+ transmits more power through the coil at a wider range of operating frequencies, to light up more targets in the ground. It has completely revamped signal processing providing enhanced discrimination, greater Target ID resolution, improved target separation, and gives you a greater ability to tune discrimination and audio to suit your detecting conditions.

Find desired targets amongst ferrous trash like no other detector on the market with MANTICORE's exceptional target separation performance.

Exceeding expectations with every swing, MANTICORE delivers improved Target ID stability and close target separation. With customizable Ferrous Limits you have unprecedented control to accept ferrous coins, reject complex ferrous targets, or dial in maximum target unmasking in iron.

1.3 kg / 2.9 lb with an extended length of 1440 mm / 56.7 and a collapsible length of 630 mm / 24.8 inch.

MANTICORE delivers 10 customizable Search Modes including All-Terrain

optimised for inland detecting; Beach optimised for sand, surf and seawater zones; and Goldfield optimised for detecting gold nuggets.

Take control of audio with MANTICORE. Hear target information the way you like it via superior audio controls including customisable target tones, suppression of Electromagnetic Interference (EMI) chatter and Continuous Pitch (VCO) audio with ferrous tones and genuine threshold detection tone.

No terrain is off limits with MANTICORE – dive up to 5 m (16 ft) for underwater exploration (IP68 Rating) to find hidden targets others can't reach.

Having cutting-edge technology inside our Minelab machines is only half the story. Making MANTICORE's power easy to access is equally as important. That's why MANTICORE features a large colour screen and delivers the most intuitive user experience ever found on a detector.

There may be a storm raging outside but inside MANTICORE it's quiet and calm. Improved EMI rejection means it's possible to operate using higher sensitivity whilst isolating target information – even in the most challenging environmental conditions.

The daylight may have ended, but that doesn't mean your hunt has to. With Control Pod Flashlight, Display Backlight with Auto Adjust, and Backlit Keypad, plus Handgrip Vibration, you can power on long after the sun has gone.

**MULTI IQ+:** Minelab's revolutionary technology has 50% more power than traditional models and is the highest-powered simultaneous multi-frequency machine on the market.

**FAST RESPONSE:** Identify your targets quickly and confidently to efficiently sort between trash and treasure with exceptional target separation performance.

**POWERFUL 2D ID MAP:** Identify your targets with greater visual and audible target insights.

**ENHANCED DISCRIMINATION:** Exceptionally accurate target ID allows you to accept or reject finds quickly and confidently.

**WIRELESS AUDIO:** Clearly detect with audio controls set specifically for you in order to identify targets confidently, reduce noise and identify trash.

**ULTIMATE SEARCH MODES:** Over 10+ preset search modes allow you to set the stage for success, with the ability to customize up to 10 unique modes tailored to your specific needs.

**UNRIVALLED CONSTRUCTION & WATERPROOF:** Powerful yet lightweight, Manticore weighs only 1.3 kg (2.9 lbs.) and includes a three-piece, compact Carbon-Fibre shaft system. Waterproof up to 16 ft (5 m).

**INTUITIVE CONTROL:** The large LCD panel allows for easy viewing and clear

navigation control.

**BOOSTED EMI IMMUNITY:** In challenging environments, improved EMI rejection uses higher sensitivity to isolate targets.

**CHOICE OF COILS:** Comes with the M11 (11" Round Double-D coil) and choose from M8 (8"x5.5" Elliptical Double-D) and M15 (15"x12" Elliptical Double-D) coils.

**LIGHTING & VIBRATION:** Detect even when the sun goes down with features such as Control Box Flashlight, Display Backlight with Auto Adjust, Backlit Keypad and Handgrip Vibration.

**CLEAR AUDIO:** Built in external speaker allows for crystal-clear audio and comes with Low Latency Wireless Headphones.

**BUILT TO LAST:** A three-year warranty with software upgrade capability allows detection far into the future.

### Specifications

Detect Modes (Customizable): All-Terrain (5), Beach (4), Goldfield (1)

Operating Frequencies: Multi-IQ+, 5 kHz, 10 kHz, 15 kHz, 20 kHz, 40 kHz

Noise Cancel: Auto, Continuous Auto, Manual (-9 to +9)

Ground Balance: Auto, Manual, Tracking

Sensitivity: 1 to 35

Target Identification: Conductive: 0-99 with ferrous indication

2D ID Map: Two-Dimensional ID Map System with Target Trace

Target Tones: 1, 2, 5 – Tone | 1, 2, 5 – Region All Tones

Target Volume: 0 to 25

Target Pitch: 1 to 50

Ferrous Volume: 0 to 25

Ferrous Pitch: 1 to 50

Audio Themes: Normal, Enhanced, Depth, Prospecting

Volume Profiles: Simple, Medium, Rich

Threshold Level: 0 to 25

Threshold Pitch: 1 to 50

Recovery Speed: 0 to 8

Ferrous Limits: Upper: 0 to 14 | Lower: 0 to 9

Ferrous Limits Custom: 1 to 4

Shortcuts: Soft Keys: 2 (Action Bar), 1 (User Button)

Depth Indicator: 5 levels

Shaft System: 3-piece highly collapsible carbon-fibre

Extended Length: 1440 mm / 56.7 inch

Collapsed Length: 630 mm / 24.8 inch

Weight: 1.3 kg / 2.9 lb

Standard Coil (M11): 11-inch round Double-D coil with skidplate (waterproof to 5 m / 16 ft)

Audio Output: Speaker | 3.5 mm (1/8") headphones | Wireless low latency headphones

Headphones (Included): Minelab ML-105 wireless low latency headphones (non waterproof)

Display: Color LCD

Display Backlight: Manual (1 to 10), Auto Adjust

Keypad Backlight: On, Off

Flashlight: Low, Medium, High, Off

Handgrip Vibration: On, Off

Battery: Internal rechargeable Lithium-ion battery

Battery Run Time: Approx. 10 hours

Battery Charge Time: Approx. 7 hours

Waterproof: Waterproof to 5 m / 16 ft, IP68

Key Technologies: Multi-IQ+ (High Power Simultaneous Multi-Frequency)

Included Accessories: USB Charging Cable, 5x Screen Protectors, 3.5 mm

Headphone Audio Cable, Headphone Case

Software Upgradable: Yes, via USB connection (Windows or Mac OS compatible)

Part# 3228-0200

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