



# MANTICORE®

High Power Metal Detector

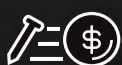
- High Power Multi-IQ+
- Powerful 2D ID MAP
- Fast Response
- Enhanced Discrimination
- Audio Your Way
- Ultimate Search Modes
- Unrivalled Construction
- Intuitive Control
- Boosted EMI Immunity
- Lighting & Vibration
- Clear Audio
- Built to Last



POWERED BY **Multi-IQ+**  
High Power Simultaneous Multi-Frequency



POWERFUL 2D  
ID MAP



FAST  
RESPONSE



ENHANCED  
DISCRIMINATION



LIGHTING &  
VIBRATION



UNRIVALLED  
CONSTRUCTION



INTUITIVE  
CONTROL



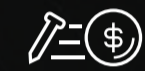
PERFORMANCE // IS EVERYTHING®

## 2D ID MAP



### POWERFUL 2D ID MAP

With MANTICORE's Two-Dimensional (2D) Identification (ID) Map, you'll see targets from a new perspective. 100 Target ID range and additional ferrous indication helps you identify targets with precision.



### FAST RESPONSE

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



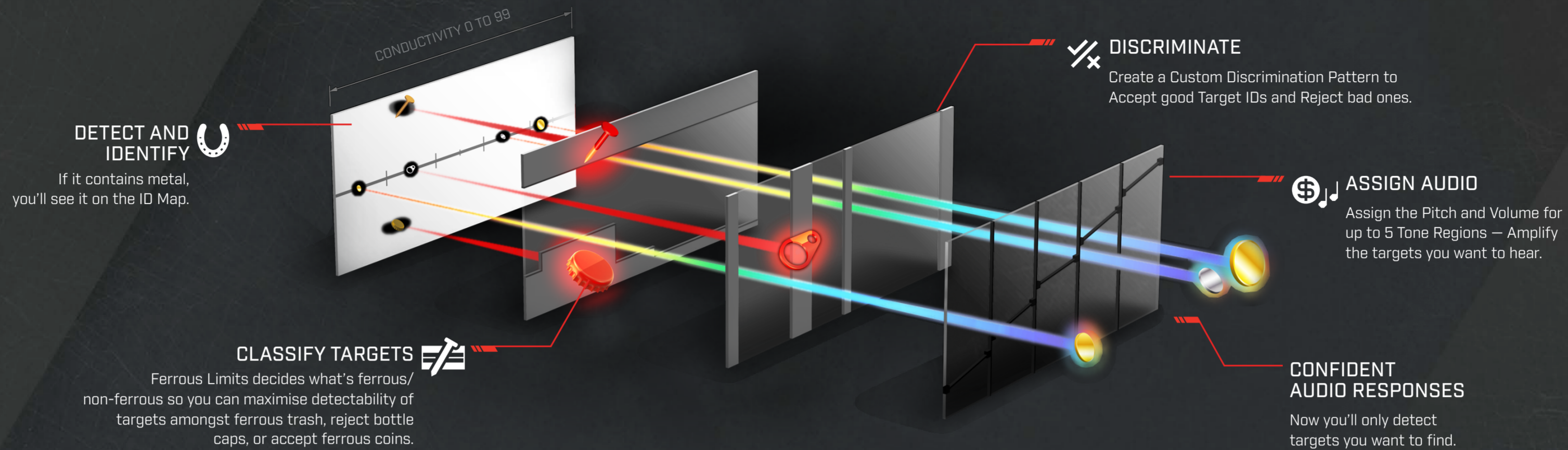
### ENHANCED DISCRIMINATION

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



### AUDIO YOUR WAY

Take control of audio with MANTICORE. Hear target information the way you like it with superior audio controls providing an unprecedented level of customisation. Choose from noise suppression with Enhanced Audio, lightning fast target separation with Depth Audio, and Prospecting Audio with a genuine threshold detection tone for maximum sensitivity to fine jewellery and small gold nuggets.



## MULTI-IQ+

**MORE POWER.  
MORE DEPTH.  
MORE FINDS.**

POWERED BY **Multi-IQ+**  
High Power Simultaneous Multi-Frequency

**Why High Power Multi-IQ+?** Because MANTICORE with Multi-IQ+ is the most powerful, fastest, and most precise metal detector in Minelab's history. The heart of MANTICORE is its super-charged Simultaneous Multi-Frequency (MULTI-IQ+) engine. This feat of innovation generates an incredible 50% power increase over the best-selling detector series of all time: EQUINOX. When combined with advanced 2D Target Identification (ID) and rich audio options, the detectorist has every bit of vital information arriving at their eyes and ears. MANTICORE is an unrivalled detecting experience that pushes the boundaries of detecting to deliver more power, more depth, and more finds.

## CONTROLS



### ULTIMATE SEARCH MODES

MANTICORE delivers over 10 customisable Search Modes including All-Terrain optimised for inland detecting; Beach optimised for sand, surf and seawater zones; and Goldfield optimised for detecting gold nuggets.



### UNRIVALLED CONSTRUCTION & EXTREME WATERPROOFING

There's no reason to sacrifice comfort for power. MANTICORE weighs only 1.3 kg (2.9 lb) and features a 3-piece highly collapsible carbon-fibre shaft system with premium SCORPION Armrest. 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.



### BOOSTED EMI IMMUNITY

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.



### LIGHTING & VIBRATION

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.

# Technical Specifications

<b>Detect Modes (Customisable)</b>	All-Terrain (5), Beach (4), Goldfield (1)
*All-Terrain General, All-Terrain Fast, All-Terrain Low Conductors, All-Terrain High Conductors, All-Terrain Trash Reject, Beach General, Beach Low Conductors, Beach Deep, Beach Surf & Seawater, Goldfield General	
<b>Operating Frequencies</b>	Multi-IQ+, 5 kHz, 10 kHz, 15 kHz, 20 kHz, 40 kHz
<b>Noise Cancel</b>	Auto, Continuous Auto, Manual (-9 to +9)
<b>Ground Balance</b>	Auto, Manual, Tracking
<b>Sensitivity</b>	1 to 35
<b>Target Identification</b>	Conductive: 0-99 with ferrous indication
<b>2D ID Map</b>	Two-Dimensional ID Map System with Target Trace
<b>Target Tones</b>	1, 2, 5 - Tone   1, 2, 5 - Region All Tones
<b>Target Volume</b>	0 to 25
<b>Target Pitch</b>	1 to 50
<b>Ferrous Volume</b>	0 to 25
<b>Ferrous Pitch</b>	1 to 50
<b>Audio Themes</b>	Normal, Enhanced, Depth, Prospecting
<b>Volume Profiles</b>	Simple, Medium, Rich
<b>Threshold Level</b>	0 to 25
<b>Threshold Pitch</b>	1 to 50
<b>Recovery Speed</b>	0 to 8
<b>Ferrous Limits</b>	Upper: 0 to 14   Lower: 0 to 9
<b>Ferrous Limits Custom</b>	1 to 4
<b>Shortcuts</b>	Soft Keys: 2 (Action Bar), 1 (User Button)
<b>Depth Indicator</b>	5 levels
<b>Shaft System</b>	3-piece highly collapsible carbon-fibre
<b>Extended Length</b>	1440 mm / 56.7 inch
<b>Collapsed Length</b>	630 mm / 24.8 inch
<b>Weight</b>	1.3 kg / 2.9 lb
<b>Standard Coil (M11)</b>	11-inch round Double-D coil with skidplate (waterproof to 5 m / 16 ft)
<b>Audio Output</b>	Speaker   3.5 mm (1/8") headphones Wireless low latency headphones
<b>Headphones (Included)</b>	Minelab ML-105 wireless low latency headphones (non waterproof)
<b>Display</b>	Colour LCD
<b>Display Backlight</b>	Manual (1 to 10), Auto Adjust
<b>Keypad Backlight</b>	On, Off
<b>Flashlight</b>	Low, Medium, High, Off
<b>Handgrip Vibration</b>	On, Off
<b>Battery</b>	Internal rechargeable Lithium-ion battery
<b>Battery Runtime</b>	Approx. 10 hours
<b>Battery Charge Time</b>	Approx. 7 hours
<b>Waterproof</b>	Waterproof to 5m / 16 ft, IP68
<b>Key Technologies</b>	Multi-IQ+ (High Power Simultaneous Multi-Frequency)
<b>Included Accessories</b>	USB Charging Cable, 5x Screen Protectors, 3.5 mm Headphone Audio Cable, Headphone Case
<b>Software Upgradable</b>	Yes, via USB connection (Windows or Mac OS compatible)
<b>Warranty</b>	Please refer to <a href="http://www.minelab.com/warranty-conditions">www.minelab.com/warranty-conditions</a> for full warranty terms and conditions. Register your product warranty online at <a href="http://register.minelab.com">register.minelab.com</a>

# What's included



**M11 Coil with Skidplate**  
11" Round Double-D  
– Waterproof to 5 m (16 ft)



**Low Latency Wireless Headphones**  
with Carry Case



**Wireless Headphone Accessories – Audio Cable and Charging Cable**



**Magnetic USB Charge Cable**



**Getting Started Guide**



**5 x Screen Protectors**

# What's available



**M15 Coil with Skidplate**  
15"x12" Elliptical Double-D  
– Waterproof to 5 m (16 ft)



**M8 Coil with Skidplate**  
8"x5.5" Elliptical Double-D  
– Waterproof to 5 m (16 ft)



**Waterproof Koss Headphones**