

Minelab Unleashes the Perfect Beast

New Minelab MANTICORE High Power Metal Detector delivers unrivaled experiences and results

CHICAGO – December 13, 2022 – Minelab is the world leader in metal-detecting technology, and the all-new [MANTICORE](#) with Multi-IQ+ is the most powerful, fastest, and most precise metal detector in Minelab's history.

MANTICORE VIDEO –

https://vimeo.com/741926859?embedded=true&source=vimeo_logo&owner=80888737

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 world's best-selling Minelab EQUINOX detector series. When combined with advanced 2D Target Identification (ID) and rich audio options, MANTICORE floods every bit of vital information to the detectorist's eyes and ears: stunning 2D Target Trace visualizations with 100 Target ID resolution and superior 100 Tone Audio. Put simply, MANTICORE delivers an unrivaled detecting experience that pushes the boundaries of detecting while delivering more power, more depth, more information, and more finds.

MULTI-IQ+

Building on the successes of Minelab's original Multi-IQ technology, 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 which delivers enhanced discrimination, greater Target ID resolution, improved target separation, and provides a greater ability to tune discrimination and audio to suit detecting conditions.

FAST RESPONSE

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

POWERFUL 2D ID MAP

See targets from a new perspective with MANTICORE's Two-Dimensional (2D) Identification (ID) Map. A 100-Target ID range and a visual Ferrous Limits layer helps detectorists take greater control and identify targets with precision. If it contains metal, you'll see it on the ID Map.

ENHANCED DISCRIMINATION

Exceeding expectations with every swing, MANTICORE delivers improved Target ID stability and close-target separation. With customizable Ferrous Limits, detectorists have unprecedented control to accept ferrous coins, reject complex ferrous targets, or dial-in maximum target unmasking in iron. Create a Custom Discrimination Pattern to accept good Target ID's and reject bad ones. Edit the Ferrous Limits to classify combination (part-ferrous and part-conductive) targets as ferrous, so you hear less ferrous trash.

AUDIO YOUR WAY

Take control of audio with MANTICORE. Hear target information the way you like it via superior audio controls including customizable target tones, suppression of Electromagnetic Interference (EMI) chatter, and Continuous Pitch (VCO) audio with ferrous tones and genuine threshold detection tone. Assign the Pitch and Volume of up to 5 Tone Regions in order to amplify the targets you want to hear.

ULTIMATE SEARCH MODES

MANTICORE delivers over 10 specialized Presets including All-Terrain Search Modes optimized for inland detecting; Beach Search Modes optimized for sand, surf and seawater zones; and a Goldfield Search Mode optimized for detecting gold nuggets. Create up to ten Custom Search Modes that personalize MANTICORE to suit your detecting experience.

UNRIVALED CONSTRUCTION & EXTREME WATERPROOFING

There's no reason to sacrifice comfort for power. MANTICORE weighs only 1.3 kg (2.9 lbs.) and features a three-piece, highly collapsible carbon-fiber shaft system with premium SCORPION Armrest. No terrain is off limits with the IP68-rated MANTICORE; dive up to 5m (16ft) for underwater exploration to find hidden targets others can't reach.

INTUITIVE CONTROL

Cutting-edge technology is only half of the MANTICORE story. Making MANTICORE's power easy to access is just as important. That's why MANTICORE features a large color screen that delivers the most intuitive user experience ever offered on a detector.

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 while isolating target information — even in the most challenging environmental conditions.

CHOICE OF COILS

MANTICORE comes standard with the versatile M11 (11" Round Double-D) coil. Available optional M8 (8"x5.5" Elliptical Double-D) and M15 (15"x12" Elliptical Double-D) coils mean detectorists can optimize MANTICORE for all detecting conditions.

LIGHTING & VIBRATION

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

CLEAR AUDIO

Enjoy crystal-clear audio with MANTICORE's powerful External Speaker and lightning-fast Low Latency Wireless Headphones.

BUILT TO LAST

Because Minelab is committed to leading the pack for performance and support, MANTICORE is backed by Minelab's global network and up to a 3-year warranty. With built-in software upgrade capability, the world's most advanced metal detector will stay that way deep into the future.

SUMMARY OF MINELAB [MANTICORE](#) FEATURES

- Over 50% more power than EQUINOX
- Exceptional Target Identification (ID) separation
- Two-Dimensional (2D) ID Map system delivers greater visual & audible Target ID insights
- Supremely accurate Target IDs & ferrous rejection

- Emphasize desirable targets, reduce noise, & make trash fade into the background
- 10+ Preset & 10 Custom Search Modes
- IP68 Waterproof to 5m (16ft)
- Lightweight at 1.3 kg (2.9 lbs.)
- Three-piece highly collapsible carbon-fiber shaft system with premium SCORPION Armrest
- Clear viewing with large color screen & easy menu navigation system
- Performance edge at high Electromagnetic Interference (EMI) sites
- Comes standard with the versatile M11 (11" Round Double-D) coil. M8 (8"x5.5" Elliptical Double-D) and M15 (15"x12" Elliptical Double-D) coils available as options
- Control Box Flashlight, Display Backlight with Auto Adjust, Backlit Keypad, & Handgrip Vibration
- Built-in Speaker & Low Latency Wireless Headphones (Included)
- Upgradeable Software
- Backed by global Minelab support and up to a 3-year warranty

MINELAB [MANTICORE](#): INCLUDED IN THE BOX

- MANTICORE High Power Metal Detector
- M11 Coil with Skidplate (11" Round Double-D — Waterproof to 5m/16ft)
- Low Latency Wireless Headphones with Carry Case
- Wireless Headphone Accessories — Audio Cable and Charging Cable
- Magnetic USB Charge Cable
- 5 x Screen Protectors
- Getting Started Guide

Prepare to unleash the perfect beast in your own metal detecting arsenal. The all-new Minelab MANTICORE High Power Metal Detector will soon be available at Minelab dealers worldwide. MSRP is \$1,599 USD. Join the conversation on social media at [@minelabdetecting](#) and [@minelabmetaldetectors](#), or learn more at [minelab.com](#).

ABOUT MINELAB:

Minelab is an Australian, multi-award-winning business that has successfully scaled world markets to command global leadership in its key areas of operation. Based in Mawson Lakes, South Australia, with regional offices in Cork, Ireland, Dubai, UAE, Chicago, U.S., and Itajai, Brazil the company specializes in advanced electronic technologies. Since its origins in 1985, Minelab has been the world leader in providing metal detecting technologies for gold prospecting, treasure hunting and landmine clearance. Through devotion to research and development and innovative design, Minelab is today the major world manufacturer of handheld metal detector products. Over the past 30 years, Minelab has introduced more innovative and practical technology than any of its competitors and has taken the metal detecting industry to new levels of excellence. Minelab is a Codan Limited company (ASX: "CDA"). To learn more about Minelab, visit [minelab.com](#).

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