

MINELAB EQX900

MINELAB Equinox 900 Multi-Frequency Collapsible Metal Detector with EQX 15 Coil User Manual

Model: EQX900

INTRODUCTION

The MINELAB Equinox 900 is a state-of-the-art multi-frequency collapsible metal detector designed for adults, bundled with an EQX 15 Double-D Waterproof Smart Coil. This manual provides essential information for the proper setup, operation, and maintenance of your device to ensure optimal performance and longevity.

Key features include:

- **Multi-IQ Technology:** Simultaneous multi-frequency operation for superior detection across various terrains.
- **Fully Waterproof:** Submersible up to 16 ft (5 m), ideal for beach and underwater detecting.
- **4 Search Modes:** Optimized modes for Park, Field, Beach, and Gold.
- **Accurate Target ID:** Fast and precise 119 high-resolution Target ID with superior audio control.
- **Portable Design:** Lightweight 3-piece carbon-fiber shafts, weighing only 2.8 lbs (1.2 kg) and collapsing to 24 inches (61 cm).
- **Included EQX 15 Coil:** 15 x 12-inch elliptical Double-D coil for maximum depth and wide ground coverage.



Image: The MINELAB Equinox 900 metal detector with the EQX 15 coil attached, showcasing its sleek design.

WHAT'S INCLUDED

Your MINELAB Equinox 900 package should contain the following items:

- Equinox 900 Control Unit
- Carbon Fiber Shaft (3-piece collapsible)
- EQX 15 Double-D Waterproof Smart Coil with Skidplate
- Low Latency Wireless Headphones
- Armrest
- USB Charging Cable
- Instruction Manual

Unboxing the Equinox 900

Video: An unboxing demonstration of the MINELAB Equinox 900 metal detector, showing all included components and initial impressions.

ASSEMBLY & SETUP

Follow these steps to assemble your Equinox 900 metal detector:

1. **Attach the Control Unit:** Secure the control unit to the upper shaft.
2. **Connect Shaft Sections:** Assemble the three carbon-fiber shaft sections, ensuring they are firmly locked.
3. **Mount the Armrest:** Attach the armrest to the upper shaft for comfortable operation.
4. **Install the Search Coil:** Secure the EQX 15 coil to the lower shaft using the provided bolt and nut. Ensure the coil cable is wrapped snugly around the shaft to prevent tangling and false signals.
5. **Connect Coil Cable:** Plug the coil cable into the designated port on the control unit and secure it.
6. **Charge the Device:** Before first use, fully charge the detector using the supplied USB cable.
7. **Pair Headphones:** If using wireless headphones, follow the pairing instructions in the headphone manual.



Image: Diagram illustrating the main components of the Equinox 900, including the control pod, carbon fiber shaft, and waterproof coil.

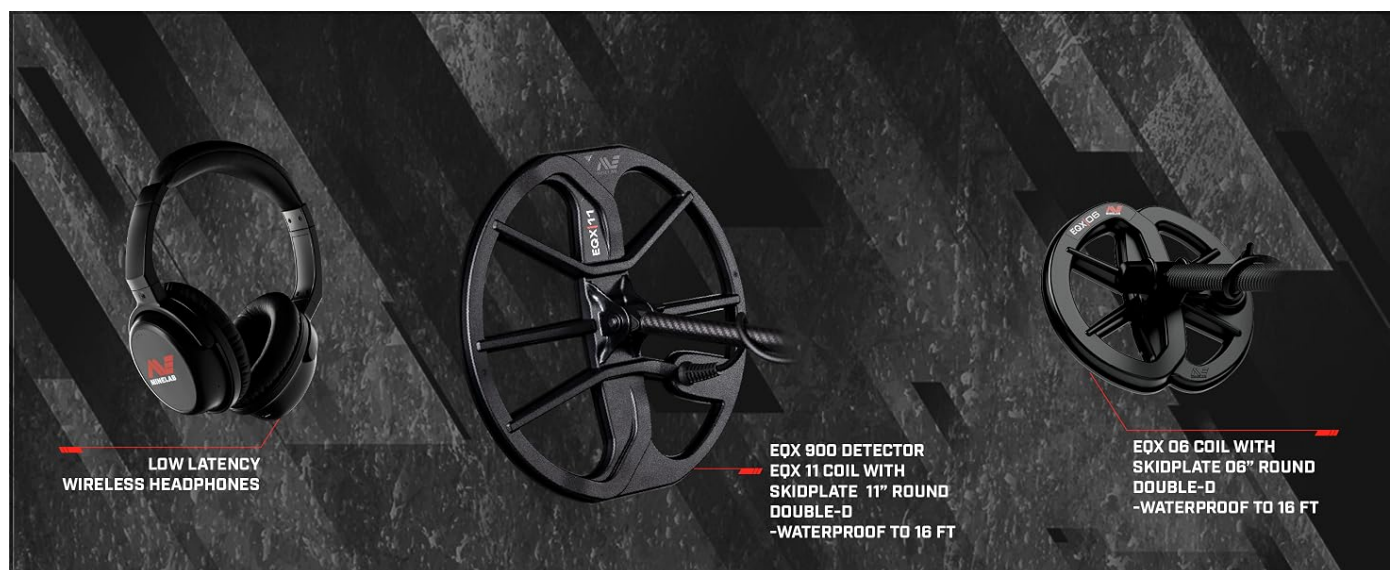


Image: Comparison of the MINELAB Equinox 900 in its collapsed (24 inches) and extended (56.5 inches) configurations, highlighting its portability.

OPERATING YOUR DETECTOR

Power On/Off and Controls

To power on the device, press and hold the power button. The backlit control pod features an OLED/LCD display and intuitive buttons for various settings. Lighting controls include a flashlight, display backlight, and keypad backlight. The handgrip vibration feature provides tactile alerts.



Image: Detailed diagram of the Equinox 900 control panel, labeling buttons for power, lighting, detect mode, all-metal mode, pinpoint/detect, wireless audio control, user shortcut, sensitivity/settings adjust, accept/reject, and frequency select.

Multi-IQ Technology

The Equinox 900 utilizes Minelab's revolutionary Multi-IQ technology, combining the power of multiple detectors to operate simultaneously. This allows for superior detection of various target types in diverse ground conditions.

EQUINOX 900

Multi-IQ

Simultaneous Multi-Frequency Technology

With Minelab's revolutionary Multi-IQ technology, you've got the combined power of multiple detectors in one — all working for you at the same time.

Image: A person using the MINELAB Equinox 900 on a beach, with an overlay illustrating the Multi-IQ simultaneous multi-frequency technology.

Search Modes

Select from four distinct search modes to optimize your detection for specific environments:

- **Park Mode:** Ideal for high-trash areas like parks and recreational grounds.
- **Field Mode:** Best for general detecting in fields, searching for coins and artifacts.
- **Beach Mode:** Optimized for wet and dry sand, as well as underwater conditions.
- **Gold Mode:** Specifically tuned for finding gold nuggets in mineralized ground.

EQUINOX 900

All-Terrain Detecting



Whether you're swinging in the forest or snorkeling at the beach, EQUINOX 900 finds treasure that other detectors miss.

Image: A person using the MINELAB Equinox 900 in a rugged, all-terrain environment, demonstrating its versatility.

Target Identification and Audio Control

The Equinox 900 provides a fast and accurate 119 high-resolution Target ID, allowing you to confidently distinguish between trash and valuable targets. Superior audio control helps you gauge the size and depth of detected items.

Waterproofing

The detector is fully waterproof and submersible up to 16 ft (5 m), enabling you to search in shallow water, along shorelines, and in rainy conditions without concern.

EQX15

Smart Coil



EQX 15 Coil Included



The waterproof 15 x 12-inch elliptical Double-D coil provides maximum depth for specialized treasure hunting. It is also great for wide ground coverage in open spaces.

Image: An illustration depicting the MINELAB Equinox 900 submerged underwater, highlighting its waterproof capability.

Operational Insights from Users

Video: A user review highlighting the detector's noise reduction, ground balancing, and performance in various conditions, including salt water.

Video: A user's perspective on the detector's preset programs, customization options, lightweight design, and portability.

Video: A user discussing the multi-frequency capabilities, collapsible design, waterproof coils, and intuitive detect modes for efficient item distinction.

Video: A user's experience with the detector's performance, multi-frequency accuracy, lightweight nature, and ease of use for both beginners and experienced users.

MAINTENANCE & CARE

Proper maintenance ensures the longevity and optimal performance of your Equinox 900:

- **Cleaning:** After each use, especially in wet or sandy conditions, wipe down the detector with a damp cloth. Ensure

the coil and control unit are free of debris.

- **Water Exposure:** While waterproof, always rinse the detector with fresh water after use in saltwater environments to prevent corrosion. Ensure all caps and seals are properly secured before submersion.
- **Storage:** Store the detector in a cool, dry place. When storing for extended periods, ensure the battery is partially charged (around 50%) to maintain battery health.
- **Coil Protection:** Keep the skidplate on the EQX 15 coil to protect it from scratches and impacts.
- **Cable Management:** Ensure coil cables are not kinked or damaged. Properly wrap them around the shaft to prevent strain.

Caution: This product is fully waterproof and can be submerged up to 16 ft (5 m). Do not dive or swim with the detector. Always follow proper handling and storage instructions to prevent injury or damage. Be aware of the handgrip vibration feature and use it with caution to avoid discomfort or injury.

TROUBLESHOOTING

If you encounter issues with your MINELAB Equinox 900, consider the following common troubleshooting steps:

- **No Power:** Ensure the battery is charged. Check the charging cable and port for damage.
- **No Signal/False Signals:** Verify all cable connections are secure. Perform a ground balance. Check for electromagnetic interference from nearby power lines or electronic devices.
- **Headphone Issues:** Ensure wireless headphones are charged and properly paired with the detector. Check the headphone jack if using wired headphones.
- **Inaccurate Target ID:** Re-evaluate your search mode and sensitivity settings for the current ground conditions.
- **Coil Not Detecting:** Ensure the coil is properly connected and not damaged.

For persistent issues, refer to the detailed troubleshooting section in the full product manual or contact MINELAB customer support.

SPECIFICATIONS

Feature	Specification
Brand	MINELAB
Model Number	3720-0006
Color	Black
Material	Carbon Fiber
Power Source	Battery Powered
Extended Length	61 Centimeters (24 inches collapsed, 143.5 cm / 56.5 inches extended)
Adjustable Length	Yes
Operating Frequency	Multi-IQ (6 Frequencies)
Search Coil Size	15 Inches (EQX 15 Double-D)
Number of Programs	6 (Park, Field, Beach, Gold, Custom)
Display Type	OLED/LCD

Feature	Specification
Item Weight	2.8 Pounds (1.2 kg)
International Protection Rating	IP68 (Waterproof up to 16 ft / 5 m)
UPC	811493018560

WARRANTY & SUPPORT

For warranty information, please refer to the documentation included with your product or visit the official MINELAB website. If you require technical assistance or have questions regarding your Equinox 900, please contact MINELAB customer support through their official channels.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question