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MINELAB Equinox800

Minelab Equinox 800 Metal Detector and Profind 35 Pinpointer User Manual

Model: Equinox800

INTRODUCTION

The Minelab Equinox 800 is an advanced metal detector featuring Multi-IQ technology, designed for versatile use across various terrains and conditions. This bundle includes the Equinox 800 metal detector and the Profind 35 pinpointer, offering a comprehensive solution for target recovery. The Equinox 800 is fully submersible up to 3 meters (10 ft), making it suitable for detecting in oceans, rivers, and lakes. It offers four distinct detect modes: Park, Field, Beach, and Gold, allowing users to optimize performance for specific target types or ground conditions. The Profind 35 pinpointer assists in accurately locating targets once a general area has been identified by the main detector.

SETUP

1. Assembling the Equinox 800 Metal Detector

Carefully unpack all components. Attach the search coil to the lower stem, ensuring the cable is securely wrapped around the stem. Connect the lower stem to the middle stem, and then attach the middle stem to the upper stem, which houses the control unit. Ensure all connections are firm. Adjust the stem length to a comfortable position for your height, allowing the search coil to be parallel to the ground when sweeping.



The Minelab Equinox 800 metal detector, shown partially submerged, highlights its waterproof capabilities and assembled form.

2. Battery Installation and Charging

The Equinox 800 uses an internal rechargeable battery. Ensure it is fully charged before first use using the provided USB charging cable. The Profind 35 pinpointer requires 1x 9V battery (not included). To install, twist off the battery cap at the end of the pinpointer and insert the 9V battery, observing polarity. Replace the cap securely.

3. Pairing Wireless Audio

The WM 08 Audio Module and wireless headphones are included with the Equinox 800. To pair, ensure both the detector and audio module are powered on. Follow the instructions in the full manual to initiate pairing mode on both devices. Once paired, the WM 08 module will provide ultra-fast, low-latency audio to your headphones.



The Minelab Profind 35 Pinpointer, a compact device for precise target location.

OPERATING

1. Powering On and Selecting a Detect Mode

Press and hold the power button on the Equinox 800 control unit to turn it on. The large LCD panel will illuminate. Use the mode selection buttons to choose one of the four primary detect modes: Park, Field, Beach, or Gold. Each mode is optimized for different environments and target types.

- **Park Mode:** Ideal for high-trash areas like parks and recreational grounds.
- **Field Mode:** Suitable for general detecting in open fields and agricultural land.
- **Beach Mode:** Optimized for wet and dry sand, and shallow water conditions.
- **Gold Mode:** Specifically designed for detecting small gold nuggets in mineralized ground.

2. Multi-IQ Technology

The Equinox 800 utilizes Minelab's Multi-IQ technology, which allows the detector to operate on multiple frequencies simultaneously. This provides superior depth and sensitivity across a wide range of targets and ground conditions, effectively combining the capabilities of several detectors into one.

3. Custom Search Profiles

The detector supports 8 custom Search Profiles, allowing you to save your preferred settings within each detect mode. This enables quick switching between personalized configurations for different hunting scenarios.

4. Accurate Target ID

The Equinox 800 provides accurate Target ID numbers on the LCD screen, helping you to quickly identify potential targets and differentiate between valuable items and trash. Audio tones also assist in target identification.



Users engaging in metal detecting activities with the Minelab Equinox 800 in an outdoor environment.

MAINTENANCE

1. Cleaning

After each use, especially in wet or sandy conditions, clean the detector and pinpointer. The Equinox 800 is waterproof, so you can rinse the coil and lower stem with fresh water. Wipe down the control unit with a damp cloth. For the Profind 35, rinse under fresh water if used in wet conditions, ensuring the battery cap is sealed. Dry all components thoroughly before storage.



The Minelab Profind 35 pinpointer being used in water, highlighting its waterproof design for easy cleaning and use in wet environments.

2. Battery Care

For the Equinox 800, recharge the internal battery regularly, avoiding complete discharge for extended periods. For the Profind 35, remove the 9V battery if the device will not be used for a long time to prevent leakage.

3. Storage

Store the metal detector and pinpointer in a cool, dry place away from direct sunlight and extreme temperatures. Ensure all components are clean and dry before storage. Consider disassembling the detector for compact storage if needed.

TROUBLESHOOTING

1. No Power / Device Not Turning On

- **Equinox 800:** Ensure the internal battery is fully charged. Connect to a power source and check the charging indicator.
- **Profind 35:** Check if the 9V battery is correctly installed with correct polarity. Replace with a fresh battery if necessary.

2. Erratic Signals / False Alarms

- Perform a ground balance procedure as described in the full user manual.
- Reduce sensitivity settings, especially in highly mineralized ground or areas with significant electromagnetic interference.
- Check for nearby electrical lines, cell phones, or other metal objects that might interfere.

3. Pinpointer Malfunctioning (e.g., shuts off on signal)

If the Profind 35 exhibits erratic behavior such as shutting off when detecting a signal, first ensure the battery is fresh and properly installed. If the issue persists, it may indicate a fault requiring service. Refer to the warranty and support section

for contact information.

4. No Audio from Wireless Headphones

- Ensure the WM 08 Audio Module and headphones are powered on and fully charged.
- Verify that the WM 08 module is correctly paired with the Equinox 800. Re-pair if necessary.
- Check the volume settings on both the detector and headphones.

For more detailed troubleshooting, consult the comprehensive Minelab Equinox 800 user manual or visit the official Minelab support website.

SPECIFICATIONS

Feature	Specification
Brand	MINELAB
Model	Equinox800
Item Weight	2.96 Pounds
Product Dimensions	26 x 15 x 6 inches
Operating Frequency	Multi-IQ (7 KHz selectable)
International Protection Rating	IP8 (Waterproof up to 3m/10ft)
Batteries	Equinox 800: Internal Rechargeable; Profind 35: 1x 9V (not included)
Material	Metal
Extended Length	32 Inches
Adjustable Length	Yes
Search Coil Size	11 Inches

WARRANTY AND SUPPORT

The Minelab Equinox 800 and Profind 35 are covered by a manufacturer's warranty. For specific warranty terms, duration, and conditions, please refer to the warranty card included with your product or visit the official Minelab website. For technical support, service, or to inquire about repairs, please contact Minelab customer service through their official channels. Ensure you have your product model number (Equinox800) and proof of purchase available when seeking support.