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MINELAB 3707-0002

MINELAB X-Terra Elite Expedition Metal Detector

User Manual

Model: 3707-0002 | Brand: MINELAB

INTRODUCTION

This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your MINELAB X-Terra Elite Expedition Metal Detector. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.



Image: The MINELAB X-Terra Elite Expedition Metal Detector, including the main unit, V8X and V12X search coils, ML85 headphones, and the PRO-FIND 40 pinpointer.

PACKAGE CONTENTS

The X-Terra Elite Expedition package includes the following components:

- X-Terra Elite Detector Main Unit
- V12X Elliptical Double-D Search Coil with Skidplate (12"x9")
- V8X Elliptical Double-D Search Coil with Skidplate (8"x5")
- ML85 Low Latency Wireless Headphones
- PRO-FIND 40 Pinpointer
- Charging Cable



Image: An overview of the X-Terra Elite Expedition Pack contents, featuring the metal detector, two search coils, wireless headphones, and the PRO-FIND 40 pinpointer.

SETUP

1. Assembly of the Detector

1. **Attach the Search Coil:** Securely fasten your chosen V12X or V8X search coil to the lower shaft using the provided bolt and washers. Ensure the coil cable is wrapped snugly around the shaft.
2. **Connect the Shaft Sections:** Connect the lower, middle, and upper shaft sections. The X-Terra Elite features an adjustable shaft for ergonomic use.
3. **Mount the Control Unit:** Attach the control unit to the upper shaft. Connect the search coil cable to the designated port on the control unit.
4. **Adjust the Armrest:** Position the armrest for comfortable operation.



Image: A detailed diagram illustrating the adjustable shaft, LCD display and backlit keypad, adjustable armrest, and the waterproof V12X coil with skidplate.

2. Charging the Battery

The detector is powered by an internal Lithium-Ion battery. Use the provided charging cable to connect the detector to a USB power source. A full charge is recommended before first use.

3. Connecting ML85 Wireless Headphones

The ML85 headphones connect wirelessly to the X-Terra Elite. Refer to the headphone's separate manual for detailed pairing instructions. Ensure both devices are powered on and in pairing mode.

4. PRO-FIND 40 Pinpointer Setup

The PRO-FIND 40 pinpointer is ready for use out of the box. Ensure its battery is installed and charged if applicable. It features Detector Interference Free (DIF) technology to minimize interference with your metal detector.

OPERATING INSTRUCTIONS

1. Power On/Off

Press and hold the Power button on the control unit to turn the detector on or off. The LCD display will illuminate.

2. Control Panel Overview



Image: A detailed view of the X-Terra Elite control panel, highlighting buttons for Power On/Off, Wireless Audio Control, Lighting Controls, Detect Mode, All-Metal Mode, Pinpoint/Detect, Sensitivity/Settings Adjust, Accept/Reject, and Frequency Select.

- **Power On/Off:** Turns the device on or off.
- **Wireless Audio Control:** Manages connection and volume for wireless headphones.
- **Lighting Controls:** Adjusts flashlight, display backlight, and keypad backlight.
- **Detect Mode:** Cycles through available search modes.
- **All-Metal Mode:** Engages a mode that detects all metals without discrimination.
- **Pinpoint/Detect:** Activates pinpointing for precise target location.
- **Sensitivity/Settings Adjust:** Increases or decreases sensitivity and navigates settings.
- **Accept/Reject:** Used for discrimination settings.
- **Frequency Select:** Allows selection of operating frequencies.

3. Multi-IQ Technology

The X-Terra Elite utilizes MINELAB's Multi-IQ Simultaneous Multi-Frequency Technology, allowing it to operate on multiple frequencies simultaneously. This provides enhanced detection capabilities across various ground conditions and target types, ensuring nothing goes undiscovered.



Image: A graphic illustrating the Multi-IQ Simultaneous Multi-Frequency Technology, with a search coil partially submerged in water, symbolizing its effectiveness in diverse environments.

4. Search Modes

The detector offers six pre-programmed search modes optimized for different environments:

- **2 x Park Modes:** Ideal for detecting in high-trash areas like parks and recreational grounds.
- **2 x Field Modes:** Suitable for open fields, agricultural land, and general relic hunting.
- **2 x Beach Modes:** Designed for wet and dry sand, and shallow water detection, compensating for saltwater mineralization.

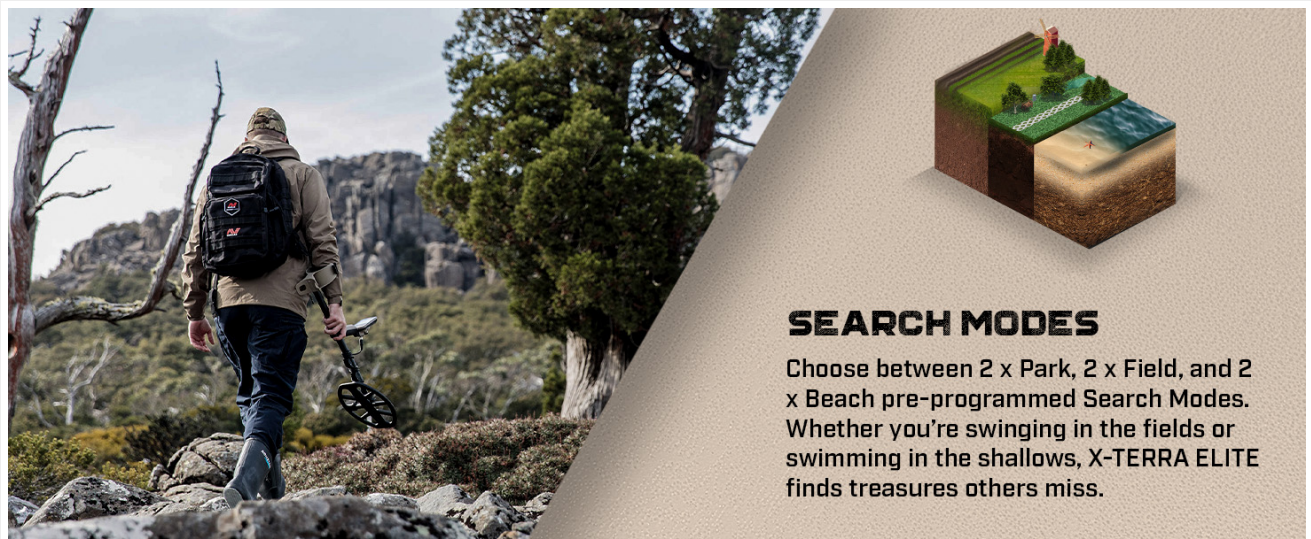


Image: A person carrying the X-Terra Elite metal detector through a rugged landscape, accompanied by a graphic depicting various search environments like park, field, and beach.

5. Audio Interpretation

The X-Terra Elite provides all-tone audio responses. Different tones indicate the type, depth, and size of the detected target. Learning to interpret these audio cues will significantly improve your detecting efficiency. Higher tones generally indicate more conductive targets (e.g., silver, copper), while lower tones suggest less conductive targets (e.g., iron).



Image: A person operating the metal detector in a shallow stream, with an overlay graphic illustrating the concept of 'Rich Audio' and how sound helps identify targets.

6. Waterproof Capability

The X-Terra Elite is fully waterproof and submersible up to 16 ft (5 m). This allows for effective detection in shallow water, rivers, and beaches. Ensure all connections are secure before submerging the device.



FULLY WATERPROOF

With IP68 waterproof capability to 16 ft (5 m), take X-TERRA ELITE anywhere and own the ground beneath your feet.

Image: The X-Terra Elite metal detector shown fully submerged underwater, demonstrating its IP68 waterproof capability up to 16 feet (5 meters).

7. Pinpointing with PRO-FIND 40

Once a target is detected, switch to Pinpoint mode on the main detector, then use the PRO-FIND 40 pinpointer for precise location. The PRO-FIND 40 offers increased depth, adjustable 5-level sensitivity, Rapid Re-tune, ferrous tone ID, and a lost-alarm feature.



EXTREME PRECISION

The Multi-IQ engine delivers Stable IDs for even the deepest targets. Recover the faintest echoes of treasure with 25 levels of sensitivity – when you've got a target, switch to Pinpoint to zero-in further.

Image: A person using the PRO-FIND 40 pinpointer to precisely locate a target in the soil, illustrating the 'Extreme Precision' feature.

MAINTENANCE

- **Cleaning:** After each use, especially in wet or sandy conditions, wipe down the detector and coils with a damp cloth. Avoid abrasive cleaners.
- **Storage:** Store the detector in a cool, dry place. If storing for extended periods, ensure the battery is partially charged (around 50%) to preserve battery health.
- **Coil Care:** Inspect search coils and cables regularly for damage. The skidplate protects the coil from abrasion and can be replaced if worn.
- **Battery Care:** Avoid fully discharging the battery frequently. Recharge as needed.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Detector does not power on	Low or depleted battery	Charge the detector's battery using the provided cable.
No target signals or weak signals	Low sensitivity setting, incorrect search mode, or coil not connected properly	Increase sensitivity. Select an appropriate search mode for the environment. Check coil cable connection.
Excessive false signals/chatter	High sensitivity, electromagnetic interference, or highly mineralized ground	Reduce sensitivity. Move away from power lines or electronic devices. Perform a ground balance if available (refer to advanced settings in full manual).
Wireless headphones not connecting	Headphones not in pairing mode, low battery, or out of range	Ensure headphones are charged and in pairing mode. Bring headphones closer to the detector.

For more complex issues, please refer to the full MINELAB X-Terra Elite Expedition manual or contact MINELAB customer support.

SPECIFICATIONS

- **Model Number:** 3707-0002
- **Power Source:** Battery Powered (1 Lithium Ion battery included)
- **Waterproof Rating:** Submersible up to 16 ft (5 m)
- **Search Coils Included:** V12X (12"x9" Elliptical Double-D), V8X (8"x5" Elliptical Double-D)
- **Headphones:** ML85 Low Latency Wireless Headphones
- **Pinpointer:** PRO-FIND 40
- **Detector Weight:** 2.9 pounds (1.3 kg)
- **Collapsible Length:** 25 inches (635 mm)
- **Extended Length:** 54 inches (1372 mm)
- **Material:** Plastic
- **Color:** Black, Red

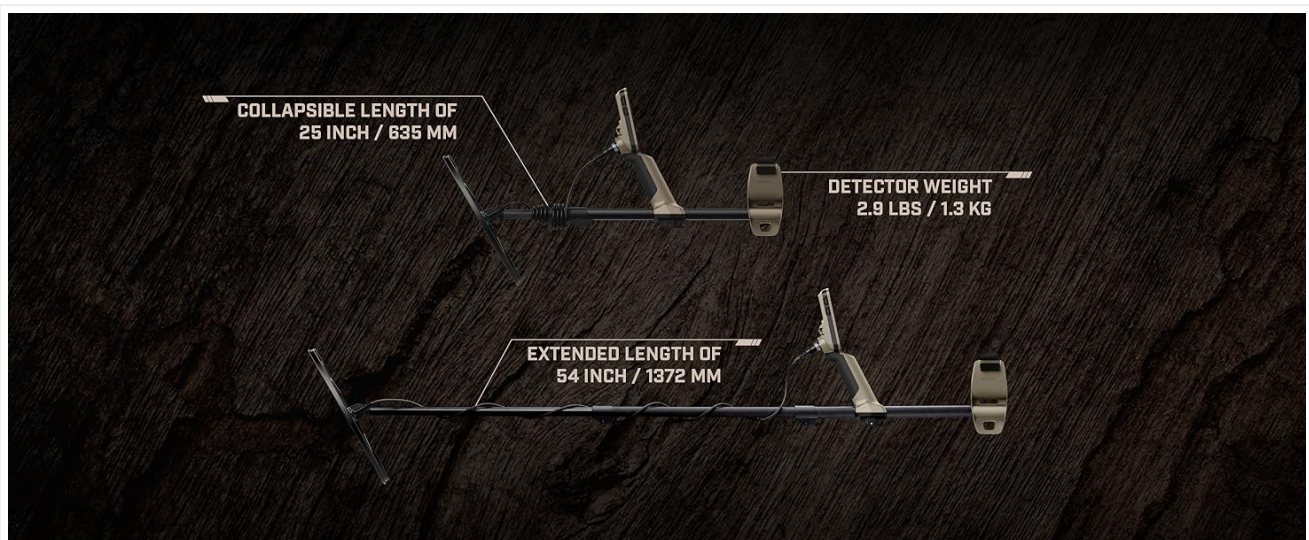


Image: A visual representation of the X-Terra Elite's collapsible length (25 inches / 635 mm) and extended length (54 inches / 1372

mm), along with its detector weight (2.9 lbs / 1.3 kg).

WARRANTY AND SUPPORT

MINELAB products are manufactured to high standards and come with a manufacturer's warranty. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product or visit the official MINELAB website. For technical support, service, or parts, please contact MINELAB customer service directly. Keep your proof of purchase for warranty claims.

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