Garrett Metal Detectors 1142062

Garrett AT MAX Metal Detector Instruction Manual

Model: 1142062

Introduction

This manual provides essential information for the proper assembly, operation, maintenance, and troubleshooting of your Garrett AT MAX Metal Detector. Please read this manual thoroughly before using your device to ensure optimal performance and longevity.

Key Features

- **Maximum Detection Depth:** Operates at 13.6 kHz frequency with enhanced electronics for superior depth and sensitivity.
- **Z-Lynk Wireless Technology:** Provides near-zero delay audio with included MS-3 wireless headphones and Pro-Pointer AT Z-Lynk for seamless detecting.
- **True All Metal Mode:** Designed to detect all metal types with maximum depth and sensitivity.
- **Iron Audio Feature:** Helps identify discriminated iron, allowing users to avoid unwanted targets.
- **Waterproof Design:** Detector is submersible up to 10 feet (3 meters) for versatile use in various environments.

Setup and Assembly

Follow these steps to correctly assemble your Garrett AT MAX Metal Detector.

Assembly Steps

1. **Extend Lower Stem:** Loosen the lower cam lock and extend the lower stem to your desired length.
2. **Attach Search Coil:** Insert the mounting washers into the search coil bracket. Connect the search coil to the lower stem using the provided bolt and hand-tighten the wing nut.
3. **Connect Control Housing:** Loosen and remove the upper cam lock. Slide the control housing over the S-stem spring clips. Depress the spring clips and insert the S-stem into the control housing. Ensure the spring clip engages into the first stem opening to maintain battery compartment access. Hand-tighten the cam lock collar, being careful not to overtighten.

4. **Adjust Stem Length:** Adjust the lower stem to a comfortable height for operation and hand-tighten the cam locks.
5. **Route Coil Cable:** Wrap the coil cable snugly around the stem, ensuring the first turn is over the stem.
6. **Connect Coil Cable:** Insert the coil connector into the control housing connector. Before inserting, note the pin orientation of the connector. Fully insert the connector to ensure proper connection and sealing. Then, thread the collar into place until it is hand-tight.

Your browser does not support the video tag.

Video: Garrett AT MAX Metal Detector Assembly Guide. This video demonstrates the step-by-step process of assembling your metal detector, ensuring all components are correctly connected for optimal performance.



Image: The Garrett AT MAX Metal Detector bundle components, including the control unit, search coil, stem, MS-3 wireless headphones, and Pro-Pointer AT Z-Lynk.

Operating Your Detector

The Garrett AT MAX is designed for intuitive operation across various search conditions. Familiarize yourself with the

control panel and operating modes.

Control Panel Overview



Image: Detailed view of the Garrett AT MAX control panel, highlighting the display, mode selection, sensitivity, ground balance, and pinpoint controls.

The control panel features a clear display showing target ID, depth, and current settings. Buttons allow for easy adjustment of modes, sensitivity, ground balance, and pinpointing.

Operating Modes

- **All-Metal Mode:** Provides maximum detection depth and sensitivity for all metal types.
- **Custom Mode:** Allows users to save personalized discrimination patterns.
- **Coins Mode:** Optimized for detecting coins, with pre-set discrimination to filter out common trash items.
- **Zero Mode:** A non-discriminating mode for detecting all metals without filtering.

Wireless Audio with Z-Lynk



Image: A user operating the Garrett AT MAX Metal Detector with MS-3 wireless headphones, demonstrating the convenience of Z-Lynk wireless technology.

The AT MAX features integrated Z-Lynk wireless technology for connecting to the included MS-3 wireless headphones and Pro-Pointer AT Z-Lynk. This provides clear, near-zero delay audio feedback, enhancing your detecting experience.

Waterproof Operation



Image: A person using the Garrett AT MAX Metal Detector submerged in water, illustrating its waterproof capability for searching in rivers, lakes, or shallow coastal areas.

The AT MAX is fully submersible up to 10 feet (3 meters), making it suitable for searching in shallow water, rivers, lakes, and wet beach environments. Ensure all connections are secure before submerging the detector.

Maintenance

Proper maintenance ensures the longevity and performance of your Garrett AT MAX Metal Detector.

Cleaning

- After each use, especially in wet or sandy conditions, wipe down the detector with a damp cloth.
- Avoid using abrasive cleaners or solvents, as these can damage the unit.
- Ensure the search coil and stem connections are free of debris.

Battery Care

The AT MAX operates on 4 AA batteries (included). To maximize battery life and prevent damage:

- Always use fresh, high-quality alkaline or rechargeable AA batteries.
- Remove batteries if the detector will not be used for an extended period to prevent leakage.
- Ensure the battery compartment is sealed tightly, especially before water use.

Storage

- Store the detector in a cool, dry place away from direct sunlight.
- Avoid storing in extreme temperatures.
- If storing for long periods, consider disassembling the unit and storing components in their original packaging or a protective case.

Troubleshooting

If you encounter issues with your Garrett AT MAX, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power or intermittent power	Dead or weak batteries; loose battery connection.	Replace batteries; ensure battery compartment is secure.
False signals or erratic behavior	High mineralization in soil; electromagnetic interference; loose coil cable.	Perform ground balance; reduce sensitivity; re-wrap coil cable snugly; try a different operating frequency.
Poor detection depth	Incorrect ground balance; low sensitivity setting; deeply buried target.	Re-ground balance; increase sensitivity; ensure proper coil sweep technique.
No audio from headphones	Headphones not paired; low headphone battery; Z-Lynk not activated.	Ensure headphones are charged and paired with the detector; check Z-Lynk settings.

For more detailed troubleshooting, please consult the full Garrett AT MAX user manual or visit the official Garrett Metal Detectors support website.

Specifications

Feature	Specification
Brand	Garrett Metal Detectors
Model Number	1142062
Operating Frequency	13.6 kHz
Waterproof Rating	Submersible to 10 feet (3 meters)
Power Source	4 AA batteries (included)
Adjustable Length	Yes

Feature	Specification
Search Coil Size	9 Inches
Product Dimensions	25"L x 17"W x 9"H (approximate, assembled)
Material	Metal
Color	Orange, Black

Warranty and Support

For detailed warranty information, including coverage periods and terms, please refer to the official documentation provided with your Garrett AT MAX Metal Detector or visit the Garrett Metal Detectors official website.
For technical support, product registration, or to find authorized service centers, please visit the support section of the Garrett Metal Detectors website or contact their customer service directly.

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

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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