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Garrett Metal Detectors AT Max

Garrett AT Max All-Terrain Metal Detector User Manual

Model: AT Max (009068014790)

1. INTRODUCTION

This manual provides detailed instructions for the proper setup, operation, maintenance, and troubleshooting of your Garrett AT Max All-Terrain Metal Detector. Please read this manual thoroughly before using your device to ensure optimal performance and longevity.



Figure 1: The Garrett AT Max All-Terrain Metal Detector package includes the detector unit, MS-3 wireless headphones, and a Pro-Pointer AT pinpointer.

2. SAFETY INFORMATION

Always exercise caution when metal detecting. Before digging, ensure you have permission to search the area and are aware of any underground utilities or hazards. Wear appropriate protective gear, such as gloves and sturdy footwear. Avoid detecting in areas with live electrical lines or unexploded ordnance.

3. SETUP

3.1 Assembly

1. Attach the search coil to the lower stem using the provided bolt and wing nut. Ensure it is securely fastened but not overtightened.
2. Insert the lower stem into the middle stem, adjusting the length to a comfortable position. Secure with the camlock.
3. Slide the upper stem (with the control housing and arm cuff) onto the middle stem. Adjust the length and arm cuff position for ergonomic use. Secure with the camlock.
4. Wrap the search coil cable snugly around the stem, leaving enough slack near the coil for movement, and plug the connector into the control housing. Ensure the connection is tight to maintain waterproof

integrity.

3.2 Battery Installation

The AT Max requires 4 AA batteries (included). Ensure the battery compartment is clean and dry before inserting batteries. Observe correct polarity (+/-) as indicated inside the compartment. Securely close the battery compartment cover to maintain the waterproof seal.

3.3 Headphone Connection

The Garrett AT Max features Z-Lynk Wireless Technology for near-zero delay audio with the included MS-3 wireless headphones. To connect, ensure both the detector and headphones are powered on and within range. Refer to the MS-3 headphone manual for specific pairing instructions if needed.



Figure 2: The MS-3 wireless headphones provide clear audio feedback during detection.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press and hold the Power button (usually located on the control panel) to turn the detector on or off.

4.2 Control Panel Overview

Turn on and GO

Detailed Target Legend

Even shows coin type

Target Depth Shown



Figure 3: The AT Max control panel displays target ID, depth, and allows selection of various search modes and settings.

4.3 Search Modes

The AT Max offers multiple search modes optimized for different conditions and target types:

- **TRUE ALL METAL MODE:** Detects all metal types with the greatest possible depth and sensitivity. Ideal for finding any metallic object.
- **CUSTOM:** Allows you to save your personalized discrimination patterns.
- **COINS:** Optimized for detecting various coin types.
- **ZERO:** No discrimination, detects all metals.

4.4 Key Features

- **MAXIMUM DETECTION DEPTH:** Enhanced electronics and 13.6 kHz frequency provide greater depth and sensitivity.
- **Z-LINK WIRELESS TECHNOLOGY:** Experience near-zero delay audio with included MS-3 wireless headphones.
- **IRON AUDIO FEATURE:** Audibly identify discriminated iron to avoid digging unwanted targets.
- **PRO-POINTER AT INCLUDED:** Waterproof up to 20 feet, with 360° detection and Fast Retune for quick target recovery.

4.5 Waterproof Capability

The Garrett AT Max is designed for all-terrain use and is fully submersible up to 10 feet (3 meters). This allows for effective metal detecting in shallow water, rivers, lakes, and even wet beach sand.



Figure 4: The AT Max is fully submersible, making it suitable for searching in various water environments.

5. MAINTENANCE

5.1 Cleaning

After each use, especially in wet or sandy conditions, wipe down the detector with a damp cloth. Ensure all connections and the battery compartment are free of debris. Do not use abrasive cleaners or solvents.

5.2 Storage

Store your AT Max in a cool, dry place. If storing for an extended period, remove the batteries to prevent leakage. The detector can be collapsed for compact storage.

5.3 Battery Care

Always use fresh, high-quality AA batteries. If using rechargeable batteries, ensure they are fully charged before each outing. Low battery power can affect detection depth and performance.

6. TROUBLESHOOTING

- **No Power:** Check battery installation and ensure batteries are fresh.
- **Erratic Signals:** Perform a ground balance. Check for nearby electrical interference and adjust frequency if necessary. Ensure the search coil cable is securely wrapped and connected.
- **Poor Depth:** Check battery level. Ensure proper ground balance. Adjust sensitivity settings.
- **No Audio:** Check headphone connection or pairing (for wireless). Ensure volume is turned up.

7. SPECIFICATIONS

Feature	Specification
Brand	Garrett Metal Detectors
Model	AT Max (009068014790)
Color	Black
Operating Frequency	13.6 KHz
Waterproof Rating	Submersible to 10 feet (3 meters)
Power Source	4 AA batteries (included)
Item Weight	3.08 pounds (1.4 Kilograms)
Extended Length	56 Inches
Adjustable Length	Yes
Material	Metal

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Garrett Metal Detectors website or contact their customer service directly. Keep your proof of purchase for warranty claims.

Related Documents - AT Max

 <p>USER MANUAL MT 5500 Model 11877x</p>	<p>Garrett MT 5500 Walk-Through Metal Detector User Manual</p> <p>User manual for the Garrett MT 5500 walk-through metal detector, detailing its features, operation, installation, maintenance, and safety guidelines for security screening applications.</p>
 <p>Magnascanner approval MZ 6100 Model 117188 Patented by Garrett Corporation</p>	<p>Garrett MZ 6100 Archway Metal Detector User Manual</p> <p>Comprehensive user manual for the Garrett MZ 6100 Archway Metal Detector, covering installation, operation, programming, maintenance, and safety guidelines.</p>
 <p>GARRETT Security Solutions</p>	<p>Garrett Security Buyer's Guide: Metal Detectors for Enhanced Safety</p> <p>A comprehensive guide to Garrett's range of walk-through, hand-held, and specialized metal detectors for security applications, including airport terminals, sports venues, and law enforcement.</p>
 <p>GARRETT ACE 150/250 Model 11877x</p>	<p>Garrett ACE 150/250 Metal Detector Owner's Manual</p> <p>Comprehensive owner's manual for the Garrett ACE 150 and ACE 250 metal detectors, covering features, assembly, operation, troubleshooting, and accessories. Learn how to find treasure with these advanced detectors.</p>
 <p>GARRETT Security Solutions</p>	<p>Garrett Security Buyer's Guide 2024-2025: Uncover the Unseen</p> <p>Garrett Metal Detectors' 2024-2025 Buyer's Guide, 'Uncover the Unseen', details walkthrough and handheld security screening solutions including Paragon, PD 6500i, Multi Zone, Super Scanner V, SuperWand, and THD. Features, comparisons, and training information.</p>
 <p>OWNER'S MANUAL 1521000</p> <p>GARRETT MAGNASCANNER MS 3500 Model 11877x</p>	<p>Garrett Magnascanner MS 3500 Owner's Manual: Setup, Operation, and Maintenance</p> <p>Comprehensive owner's manual for the Garrett Magnascanner MS 3500 walk-through metal detector. Learn about standard setup, operation procedures, controls, installation, maintenance, and technical specifications for effective security screening.</p>