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Garrett Metal Detectors ATX DEEP SEEKER PACKAGE

Garrett ATX Deepseeker Package Instruction Manual

Model: ATX DEEP SEEKER PACKAGE

Brand: Garrett Metal Detectors

Introduction

The Garrett ATX Deepseeker Package is a high-performance, all-terrain metal detector designed for serious treasure hunters. Utilizing advanced Pulse Induction technology, it offers extreme sensitivity and depth for detecting a wide range of targets in various ground conditions, including highly mineralized soil and saltwater environments. This manual provides essential information for the proper setup, operation, and maintenance of your ATX Deepseeker to ensure optimal performance and longevity.

Package Contents

Your Garrett ATX Deepseeker Package includes the following items:

- ATX Metal Detector with 12” DD Search Coil
- Land Headphones
- Soft Storage/Travel Case
- Garrett Detector Sling
- AA Alkaline Batteries (8 included)
- Rechargeable Batteries
- Battery Charger
- 20" Deepseeker Mono Search Coil
- Military-Grade Garrett Hard Case

Setup

1. Assembly

Assemble the detector shaft by extending the lower and upper stem sections. Secure them using the cam locks. Attach the search coil to the lower stem using the provided bolt and wing nut. Ensure the coil cable is wrapped snugly around the stem to prevent tangling and false signals.



Figure 1: Fully assembled Garrett ATX Deepseeker Metal Detector.

2. Battery Installation

The ATX Deepseeker uses 8 AA batteries (alkaline or rechargeable). Open the battery compartment on the control box, insert the batteries according to the polarity indicators, and securely close the compartment. Use the provided charger for rechargeable batteries.

3. Connecting Headphones and Search Coil

Connect the search coil cable to the 4-pin connector on the left side of the control housing. Ensure the connector is fully inserted and hand-tightened to maintain a proper seal. Connect the headphones to the 2-pin connector on the right side of the control housing, ensuring proper alignment and a secure connection.



Figure 2: Control box showing connection points for search coil and headphones.

Operating Instructions

1. Powering On/Off

Press and hold the Power button (usually on the left side of the control panel) for approximately 1 second to turn the detector ON. To turn OFF, press and hold the Power button again until the unit powers down.

2. Control Panel Overview

The ATX Deepseeker features an intuitive control panel with dedicated buttons for common functions and a menu system for advanced settings.



Figure 3: Detailed view of the ATX Deepseeker control panel.

- **SENS DISC:** Adjusts sensitivity and discrimination levels.
- **IRON CK (HOLD):** Checks for iron targets.
- **THRESH VOL:** Adjusts threshold and volume.
- **RETUNE / PINPOINT:** Retunes the detector or activates pinpoint mode.
- **GND BAL (HOLD) / GND TRACK:** Performs ground balance or activates ground tracking.
- **SHIFT:** Used for accessing secondary functions of buttons.

3. Search Modes

The ATX Deepseeker offers various search modes optimized for different conditions and target types:

- **Standard Mode:** Default multi-frequency mode, suitable for most international coins, jewelry, and non-ferrous relics.
- **Fast Mode:** Increased reaction speed for trashy areas or competition hunts.
- **Thin Coins Mode:** Enhanced target response for thin hammered silver coins, Roman coins, and small gold coins.
- **Zero Discrimination:** Detects all metals.
- **US Coins Mode:** Optimized for US coin sizes.
- **Beach Mode:** Designed for saltwater environments.
- **Custom Mode:** Allows users to create and save personalized settings.

4. Ground Balance

Ground balancing is crucial for stable operation, especially in mineralized ground. Refer to the specific instructions in your full user manual for detailed ground balancing procedures. The ATX offers both manual and automatic ground tracking options.

5. Sensitivity and Discrimination

Adjust sensitivity using the SENS DISC buttons to optimize depth and minimize false signals. Use discrimination settings to ignore unwanted trash items (e.g., iron) while still detecting valuable targets.

6. Pinpoint Mode

Activate Pinpoint mode by pressing the RETUNE / PINPOINT button to precisely locate the target before digging, reducing recovery time and minimizing ground disturbance.

Maintenance

To ensure the longevity and optimal performance of your Garrett ATX Deepseeker, follow these maintenance guidelines:

- **Cleaning:** After each use, wipe down the detector, especially the search coil, with a damp cloth to remove dirt, mud, or saltwater residue. Avoid using abrasive cleaners.
- **Storage:** Store the detector in a cool, dry place. For long-term storage, remove the batteries to prevent leakage. Utilize the provided soft storage/travel case or the military-grade hard case for protection during transport and storage.
- **Cable Care:** Regularly inspect the search coil cable for any signs of wear or damage. Ensure it is not kinked or pinched.
- **Battery Care:** Always use fresh, high-quality batteries. If using rechargeable batteries, follow the charging instructions carefully.

Troubleshooting

If you encounter issues with your ATX Deepseeker, consider the following common troubleshooting steps:

- **No Power:** Check battery installation and ensure batteries are fully charged.
- **Erratic Signals/False Signals:** Perform a ground balance. Reduce sensitivity. Check for electromagnetic interference from power lines or other electronic devices. Ensure search coil cable is securely connected and not damaged.
- **No Target Response:** Increase sensitivity. Ensure the search coil is properly connected. Check that discrimination settings are not too high, potentially filtering out desired targets.
- **Weak Signals:** Check battery level. Ensure sensitivity is set appropriately for ground conditions.

For more complex issues, refer to the detailed troubleshooting section in your complete user manual or contact Garrett customer support.

Specifications

Brand	Garrett Metal Detectors
Model Number	ATX DEEP SEEKER PACKAGE
Product Dimensions	26 x 20 x 11 inches
Item Weight	30 pounds

Power Source	Battery
Batteries Required	Yes (8 AA batteries included)
Operating Frequency	7.3E+2 Hz
International Protection Rating	IP65
Adjustable Length	Yes
Recommended Uses	Metal Detection

Warranty and Support

Garrett Metal Detectors products are backed by a limited warranty. For specific warranty details, registration, or technical support, please visit the official Garrett Metal Detectors website or contact their customer service department. Keep your purchase receipt as proof of purchase.

Visit the Garrett Metal Detectors Store: Garrett Metal Detectors Store

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