SuperEye Horizon X6

SuperEye Horizon X6 Metal Detector User Manual

Model: Horizon X6

1. INTRODUCTION

The SuperEye Horizon X6 Metal Detector is designed for both beginners and experienced users, offering high accuracy and multiple detection modes. This manual provides essential information for safe operation, assembly, usage, maintenance, and troubleshooting to ensure optimal performance and a rewarding treasure hunting experience.

2. SAFETY INFORMATION

- Always obtain permission before metal detecting on private property.
- Avoid detecting in areas with known underground utilities (cables, pipes, etc.) to prevent damage or injury.
- Exercise caution when digging to avoid injury or damaging property.
- The control box is not waterproof. Protect it from moisture.
- Keep the device away from children when not in use.

3. PACKAGE CONTENTS

The SuperEye Horizon X6 Metal Detector kit includes the following items:

- SuperEye Horizon X6 Metal Detector Unit
- 10-inch IP68 Waterproof Search Coil

- Digging Shovel with Protective Cover
- Noise-Canceling Headphones
- Portable Carry Bag
- 9V Battery
- User Manual (this document)

Figure 1: Complete SuperEye Horizon X6 Metal Detector kit.

The image above displays all components included in your SuperEye Horizon X6 Metal Detector kit, ensuring you have everything needed to begin your metal detecting activities.

4. SETUP

Follow these steps for quick and easy assembly of your SuperEye Horizon X6 Metal Detector:

1. **Assemble the Stem:** Insert the plastic stem of the search coil into the lower stem, and tighten the screw by hand.

2. **Connect Stems:** Insert the lower stem into the main unit and secure it with the lock nut.

3. **Attach Handle and Armrest:** Attach the handle bracket to the lower end of the upper stem and

lock it with the lock nut.

4. **Install Battery:** Open the battery compartment on the handle. Insert one 9V alkaline battery, ensuring positive and negative poles are correctly matched. Close the battery compartment.

5. **Connect Coil Cable:** Neatly wrap the coil cable around the stem. Firmly plug the connector into the socket at the bottom of the control box.

Figure 2: Step-by-step assembly guide for the metal detector.

The diagram illustrates the straightforward assembly process, highlighting the tool-free buckle locking mechanism for quick setup.

Setup Video

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Video 1: A quick guide demonstrating the assembly of the SuperEye Horizon X6 Metal Detector in under 60 seconds.

This video provides a visual walkthrough of the assembly process, ensuring a fast and simple setup.

5. OPERATING INSTRUCTIONS

Control Panel Overview

Figure 3: Detailed view of the control panel and its functions.

The control panel features a large LCD screen displaying target type, depth, and sensitivity. Buttons allow for mode selection, sensitivity/volume adjustment, and power control.

Detection Modes

The Horizon X6 offers 6 specialized detection modes to suit various treasure hunting conditions:

- **NORM Mode:** An intuitive quick-start mode for beginners, pre-set for immediate use.
- **All Metal:** Detects all types of metal.
- **DISC (Discrimination):** Allows you to ignore unwanted metals (junk metals).
- **Memory:** Memorizes a specific metal type for targeted detection.
- **Jewelry:** Optimized for finding jewelry, ignoring iron.
- **Pinpoint (PP):** Locates targets precisely for accurate digging.

Figure 4: Overview of the 6 intelligent detection modes.

The image details each mode, providing a visual guide to selecting the appropriate setting for your search.

NORM Mode Demonstration

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Video 2: Demonstration of the NORM Mode for quick and easy metal detection.

This video highlights the simplicity and effectiveness of the NORM Mode, ideal for new users.

Sensitivity and Target ID

The detector features 8 adjustable sensitivity levels to filter interference and speed up target locking. The LCD displays 8 metal types, distinguishing between rusted iron and standard iron, and identifying silver blocks for precise targeting.

Figure 5: Visual representation of the 8 target classifications.

This image provides a clear understanding of how the detector classifies different metal types, aiding in target identification.

Waterproof Search Coil

The 10-inch search coil is IP68 waterproof, allowing for detection in shallow water areas like beaches, rivers, and streams. **Note: The control box is NOT waterproof and must be kept dry.** When used in seawater, lower the sensitivity to minimize interference.

Figure 6: The IP68 waterproof search coil in use in shallow water.

The image demonstrates the waterproof capability of the search coil, suitable for various wet environments.

6. MAINTENANCE

- Clean the search coil with fresh water after use in saltwater or muddy conditions.
- Wipe down the control box and stem with a damp cloth. Do not submerge the control box.
- Store the detector in a dry, cool place when not in use.
- Remove the 9V battery if storing for extended periods to prevent leakage.
- Regularly check all connections and screws to ensure they are secure.

7. TROUBLESHOOTING

- **Why is my metal detector beeping randomly?**
  A: This can be caused by ground minerals. Try to do the Ground Balance manually. Please turn it off first, then bring the search coil close to the ground when turning on the detector. This will help minimize interference. Also, ensure the search coil is not touching any metal objects, wires, or cables, and electromagnetic sources.

- **Why is it difficult for my metal detector to detect gold?**
  A: Gold is usually found in small sizes and has a unique shape. Please bring the search coil close to the ground when turning on the detector. It is recommended to use the NORM mode, which is optimized for small gold detection.

- **Why does my metal detector keep beeping when used with other detectors?**
  A: Metal detectors can interfere with each other due to different operating frequencies. Please keep at least 10 meters away from other detectors.

- **Why does my metal detector beep randomly on the beach?**
  A: Salty water is conductive and can cause false signals. It is recommended to use the Jewelry mode to eliminate iron signals, so that the metal detector can work properly on the beach.

For more questions, contact detector@supereyemd.com. We stand by every search.

8. SPECIFICATIONS

Feature	Detail
Brand	SuperEye
Model Number	Horizon X6
Color	Blue
Power Source	Battery Powered (9V)
Material	Metal, Plastic
Item Weight	4.5 Pounds
Product Dimensions	11.8"L x 10"W x 36"H
Adjustable Length	35.4" to 49.2"
Search Coil Size	10 Inches
Waterproof Rating	IP68 (Search Coil only)
Detection Modes	6 (All Metal, DISC, Memory, Jewelry, Pinpoint, NORM)
Sensitivity Levels	8

| Target ID | 8 Metal Types (including rusted/standard iron, silver) |

9. WARRANTY AND SUPPORT

SuperEye stands by its products with round-the-clock customer support. For any issues, questions, or warranty claims, please contact the manufacturer directly at detector@supereyemd.com. Your satisfaction is important for every treasure-hunting journey.