Bounty Hunter TIME-PL

Bounty Hunter Time Ranger Metal Detector User Manual

Model: TIME-PL

Introduction

The Bounty Hunter Time Ranger Metal Detector is designed for both experienced treasure hunters and beginners, offering advanced features for accurate target identification and versatile detection across various terrains. This manual will guide you through the assembly, operation, and maintenance of your device to ensure optimal performance and a rewarding treasure hunting experience.

Setup and Assembly

Follow these steps to assemble your Time Ranger Metal Detector:

1. **Attach the Search Coil:** Secure the 8-inch waterproof search coil to the lower stem using the provided bolt and wing nut. Ensure it is firmly attached but allows for slight angle adjustment.
2. **Connect the Stems:** Insert the lower stem into the middle stem, and then connect the middle stem to the upper stem. Adjust the length to a comfortable position for your height. The adjustable stem allows for ergonomic use.
3. **Install the Control Housing:** Slide the control housing onto the upper stem. Ensure the armrest is positioned comfortably for your forearm. The ergonomic armrest and cushioned handgrip are designed for extended use.
4. **Wrap the Cable:** Wrap the search coil cable securely around the stem, leaving enough slack for coil movement. Plug the cable connector into the corresponding port on the control housing.
5. **Insert Batteries:** The Time Ranger requires two 9V batteries. Open the battery compartment on the control housing, insert the batteries with correct polarity, and close the compartment.

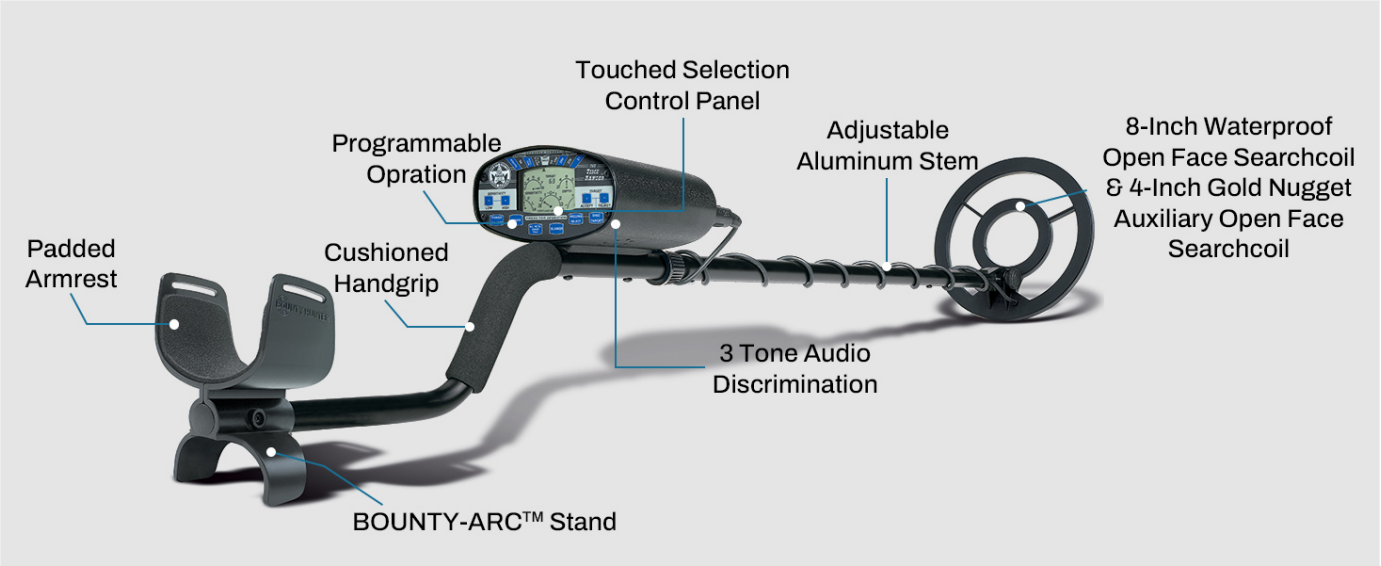


Figure 1: Exploded view of the Bounty Hunter Time Ranger Metal Detector components.

Operating Instructions

Familiarize yourself with the control panel and various operating modes for effective treasure hunting.

Control Panel Overview



Figure 2: Detailed view of the Time Ranger control panel and LCD display.

- **Power ON/OFF:** Press the 'POWER ON/OFF' button to turn the detector on or off.
- **Sensitivity:** Use the 'LOW' and 'HIGH' buttons to adjust the detector's sensitivity. Higher sensitivity increases detection depth but may also increase interference.
- **LCD Display:** The LCD provides visual information including probable target ID, depth indicator, sensitivity level, battery life, and ground mineralization.
- **3-Tone Audio Feedback:** The detector provides three unique audio tones to help identify different types of metal targets before you dig.

Detection Modes

The Time Ranger offers four primary detection modes:

- **All Metal Mode:** Detects all types of metal. Use this mode for maximum depth and to find all metallic objects.
- **Notch Mode:** Allows you to accept or reject specific categories of targets.
- **Discrimination Mode:** Use the 'DISC TARGET' button to eliminate unwanted targets (e.g., iron trash) based on their conductivity. You can accept or reject targets using the 'ACCEPT' and 'REJECT' buttons.
- **Ground Grab Mode:** Automatically balances the detector to the ground conditions, reducing false signals from ground minerals.



Figure 3: The four versatile detection modes for various target types.

Advanced Features

- **Pinpoint Mode:** Press the 'SNIFF' button for pinpoint accuracy to locate the exact position of a buried target, reducing digging time.
- **Smart Trac Ground Balancing:** This computerized feature automatically cancels the effects of iron minerals in the ground, ensuring stable performance in mineralized soils like beaches or rocky areas.
- **Blanker Feature:** Use the 'BLANKER' button to quickly remove unwanted metals from detection on the fly.

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Video 1: An overview demonstrating the features and operation of the Bounty Hunter Time Ranger Metal Detector, including its display, audio feedback, and various modes in action.



Figure 4: The detector can find small objects like coins up to 9 inches deep, and larger treasures even deeper.

Search Coil

The Time Ranger features an 8-inch waterproof search coil, making it suitable for detecting in various environments, including shallow water, wet sand, and muddy soil. Always ensure the control housing is protected from water, as it is not waterproof.

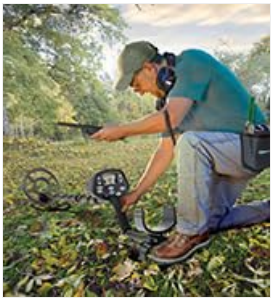


Figure 5: The 8-inch waterproof search coil allows for detection in shallow water.

Maintenance

Proper maintenance ensures the longevity and performance of your metal detector:

- **Cleaning:** Wipe down the detector with a damp cloth after each use. Avoid abrasive cleaners or solvents.
- **Storage:** Store the detector in a dry, cool place when not in use. Remove batteries if storing for extended periods to prevent leakage.

- **Coil Care:** While the search coil is waterproof, avoid submerging the control housing. Inspect the coil cable for any damage regularly.

Troubleshooting

If you encounter issues with your Time Ranger, consider the following:

- **No Power:** Check battery installation and ensure batteries are fresh. Replace if necessary.
- **Erratic Signals:** This can be caused by high sensitivity in mineralized ground or electromagnetic interference. Try reducing sensitivity or performing a ground balance.
- **Poor Depth Detection:** Ensure the search coil is parallel to the ground and that sensitivity is set appropriately for the conditions.
- **False Signals:** Use the discrimination or blanker features to filter out unwanted metals. Re-ground balance if operating in changing soil conditions.

Specifications

Feature	Specification
Brand	Bounty Hunter
Model Number	TIME-PL
Power Source	Battery Powered (2 x 9V batteries)
Operating Frequency	7.69 KHz
Search Coil Size	8 Inches (Waterproof)
Item Weight	2.1 Pounds
Product Dimensions	28.5"L x 10"W x 6.25"H
Material	ABS Plastic
International Protection Rating	IP54
Detection Modes	All Metal, Notch, Discrimination, Ground Grab
Target Identification	LCD Display, 3-Tone Audio Feedback, Depth Indicator

Warranty and Support

For warranty information or technical support, please refer to the documentation included with your product packaging or visit the official Bounty Hunter website. Keep your purchase receipt as proof of purchase for any warranty claims.

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.

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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.

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