

Bounty Hunter PROQD-PL

Bounty Hunter Quick Draw Pro Metal Detector Instruction Manual

Model: PROQD-PL

1. INTRODUCTION

The Bounty Hunter Quick Draw Pro is a metal detector designed for efficient detection of various metal objects, including coins, relics, and jewelry. It features advanced technology to enhance your treasure hunting experience.

Key Features:

- **Advanced Target Identification and Depth Indicator:** A digital display with a 9-segment target ID system precisely identifies metal types. The depth indicator estimates the location of buried objects, minimizing unnecessary digging.
- **Precise Pinpoint Mode:** Allows users to accurately locate a target's exact position without sweeping motions, saving time and effort, especially for small objects or in cluttered areas.
- **Customizable Sensitivity and Discrimination Settings:** Adjust sensitivity for maximum depth and use discrimination settings to filter out unwanted metals like iron and aluminum, focusing on valuable items.
- **10-Inch Waterproof Search Coil:** Provides excellent ground coverage and can be used in various terrains, including dry land and shallow water.
- **Lightweight and Ergonomic Design:** Features an adjustable stem and ergonomic grip for comfortable use during extended periods.
- **Long Battery Life and Reliable Performance:** Operates for up to 25-30 hours on a single 9-volt alkaline battery. Advanced ground cancellation technology ensures stable performance in mineralized soils.



Figure 1: The Bounty Hunter Quick Draw Pro Metal Detector, showing the control box, adjustable stem, and 10-inch search coil.

2. SETUP

2.1 Assembly

1. **Attach the Search Coil:** Securely fasten the 10-inch search coil to the lower stem using the provided bolt and wing nut.
2. **Connect the Stems:** Insert the lower stem into the middle stem, and then connect the middle stem to the upper stem (control housing assembly). Ensure all connections are firm.
3. **Wrap the Cable:** Wrap the search coil cable snugly around the stem, leaving enough slack for coil movement, and plug the connector into the control housing.
4. **Adjust the Stem Length:** Adjust the stem to a comfortable length that allows the search coil to be parallel to the ground when you are standing upright. Tighten the locking collar.

2.2 Battery Installation

The Quick Draw Pro requires one 9-volt alkaline battery for operation.

1. Locate the battery compartment on the control housing.
2. Open the compartment cover.
3. Insert a fresh 9-volt alkaline battery, ensuring correct polarity.
4. Close the battery compartment cover securely.

A low battery indicator will appear on the LCD display when the battery needs replacement.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

Press the **Power** button (usually marked with a power symbol) on the control panel to turn the detector on or off.

3.2 Understanding the LCD Display



Figure 2: Close-up of the Quick Draw Pro control panel and LCD display.

The large LCD display provides crucial information:

- **Target ID:** A 9-segment graphic display identifies the probable type of metal detected (e.g., Iron, Foil, 5¢, Alum, Zn, 10¢, 25¢, 50¢, \$1).
- **Depth Indicator:** Estimates the depth of the detected object in inches.
- **Battery Level:** Shows the remaining battery power.
- **Settings:** Displays current Sensitivity (SENS), Volume (VOLUME), Discrimination (DISC), and Notch (NOTCH) levels.

3.3 Adjusting Settings

Use the **MENU** button to cycle through settings (SENS, VOLUME, DISC, NOTCH) and the **+** and **-** buttons to adjust their values.

- **Sensitivity (SENS):** Controls the detector's responsiveness to targets. Higher sensitivity increases detection depth but can also increase false signals in mineralized ground. Adjust as needed for your environment.
- **Volume (VOLUME):** Adjusts the audio output level.
- **Discrimination (DISC):** Eliminates unwanted metal types from detection. Increase the discrimination level to ignore iron or foil.
- **Notch (NOTCH):** Allows specific target ID segments to be accepted or rejected. This provides fine-tuned control over which metals are detected.

3.4 Pinpoint Mode

Press the **PP** (Pinpoint) button to activate pinpoint mode. This mode helps you narrow down the exact location of a detected target. The audio tone will peak and the depth indicator will become more precise as you center the coil over the target.

3.5 Audio Tones

The Quick Draw Pro features a 3-tone audio ID system:

- **Low Tone:** Typically indicates ferrous metals like iron.
- **Medium Tone:** Often indicates smaller non-ferrous items like foil or small gold.
- **High Tone:** Usually indicates higher conductivity metals like silver, copper, and larger coins.

3.6 Searching Techniques

Sweep the search coil slowly and steadily from side to side, keeping it parallel to the ground and approximately 1-2 inches above the surface. Overlap each sweep by about half the coil's diameter to ensure thorough coverage.



Figure 3: Proper technique for sweeping the metal detector search coil across varied terrain.

4. PRODUCT OVERVIEW VIDEO

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Video 1: An overview of the Bounty Hunter Quick Draw Pro Metal Detector, demonstrating its features and use in various environments.



Figure 4: Examples of various metal objects, including coins and jewelry, that can be detected with the Quick Draw Pro.

5. MAINTENANCE

5.1 Cleaning

- Wipe down the control housing and stem with a damp cloth after each use.
- The search coil is waterproof and can be rinsed with fresh water if used in shallow water or muddy conditions. Ensure the cable connection to the control box remains dry.
- Do not use abrasive cleaners or solvents on any part of the detector.

5.2 Battery Care

- Always remove the 9-volt battery if the detector will not be used for an extended period to prevent leakage and damage.
- Use high-quality alkaline batteries for optimal performance and battery life (up to 25-30 hours).

5.3 Storage

Store the metal detector in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power or erratic operation	Dead or low battery; incorrect battery installation; loose connections.	Replace with a fresh 9V battery, ensuring correct polarity. Check all cable connections.
Excessive false signals or chatter	High sensitivity setting; highly mineralized ground; electromagnetic interference.	Reduce sensitivity. Perform ground balance if available (not explicitly stated as a feature, so general advice). Move away from power lines or other electronic devices.
Detector not finding targets	High discrimination/notch settings; coil not parallel to ground; targets too deep.	Lower discrimination/notch settings. Ensure coil is parallel to the ground. Sweep slower and closer to the surface.
Rapid battery drain	Low-quality battery; continuous use of backlight (if applicable); faulty battery.	Use high-quality alkaline batteries. Ensure the detector is turned off when not in use. If issues persist, contact customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	Bounty Hunter
Model Number	PROQD-PL
Power Source	Battery Powered (1 x 9V battery required)
Battery Life	Up to 30 Hours
Search Coil Size	10 Inches (Waterproof)
Target ID System	9-Segment Digital Target ID
Depth Indicator	Yes
Pinpoint Mode	Yes
Audio Tones	3-Tone Audio ID
Discrimination	Adjustable
Notch	Adjustable
Material	ABS Plastic
Item Weight	2.8 Pounds
Product Dimensions	45 x 8 x 14 inches
Extended Length	114.3 Centimeters
Adjustable Length	Yes
International Protection Rating	IP54
Recommended Uses	Beach Combing, Treasure Hunting

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Specific warranty details are typically provided with your product purchase documentation. Please refer to the warranty card or contact Bounty Hunter customer service for information regarding coverage and terms.

8.2 Customer Support

For technical assistance, replacement parts, or any questions regarding your Bounty Hunter Quick Draw Pro Metal Detector, please contact Bounty Hunter customer support. Contact information can usually be found on the manufacturer's website or in your product packaging.