

Gbnryg X55J

Gbnryg X55J Metal Detector User Manual

Model: X55J

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, maintenance, and troubleshooting of your Gbnryg X55J Metal Detector. Please read this manual thoroughly before using the device to ensure proper function and to maximize your detecting experience.

2. PRODUCT OVERVIEW

The Gbnryg X55J is a professional metal detector designed for high-precision detection across various environments. It features an advanced DSP chip for enhanced accuracy and stability, a 12-inch IP68 waterproof search coil, and a user-friendly LCD backlit display.

2.1 Components and Kit Contents

Your Gbnryg X55J Metal Detector kit includes the following items:

- Metal Detector Unit (main control box, stem, search coil)
- Over-ear Headphones with adjustable volume
- Manganese Steel Digger
- Portable Backpack
- 2 x AA Batteries
- User Manual

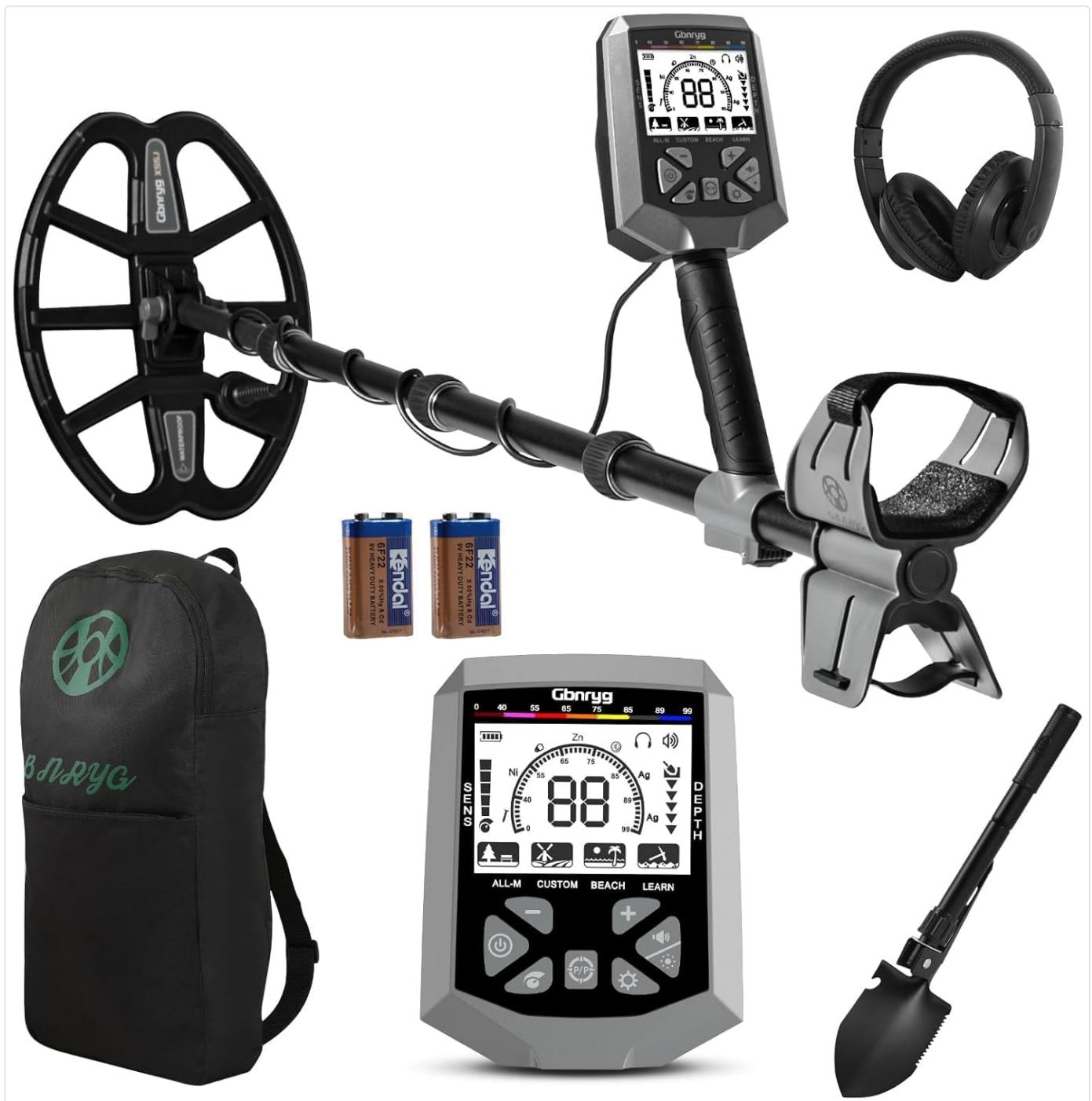


Figure 2.1: Gbnryg X55J Metal Detector with included accessories including headphones, shovel, and backpack.

COMPREHENSIVE FUNCTION

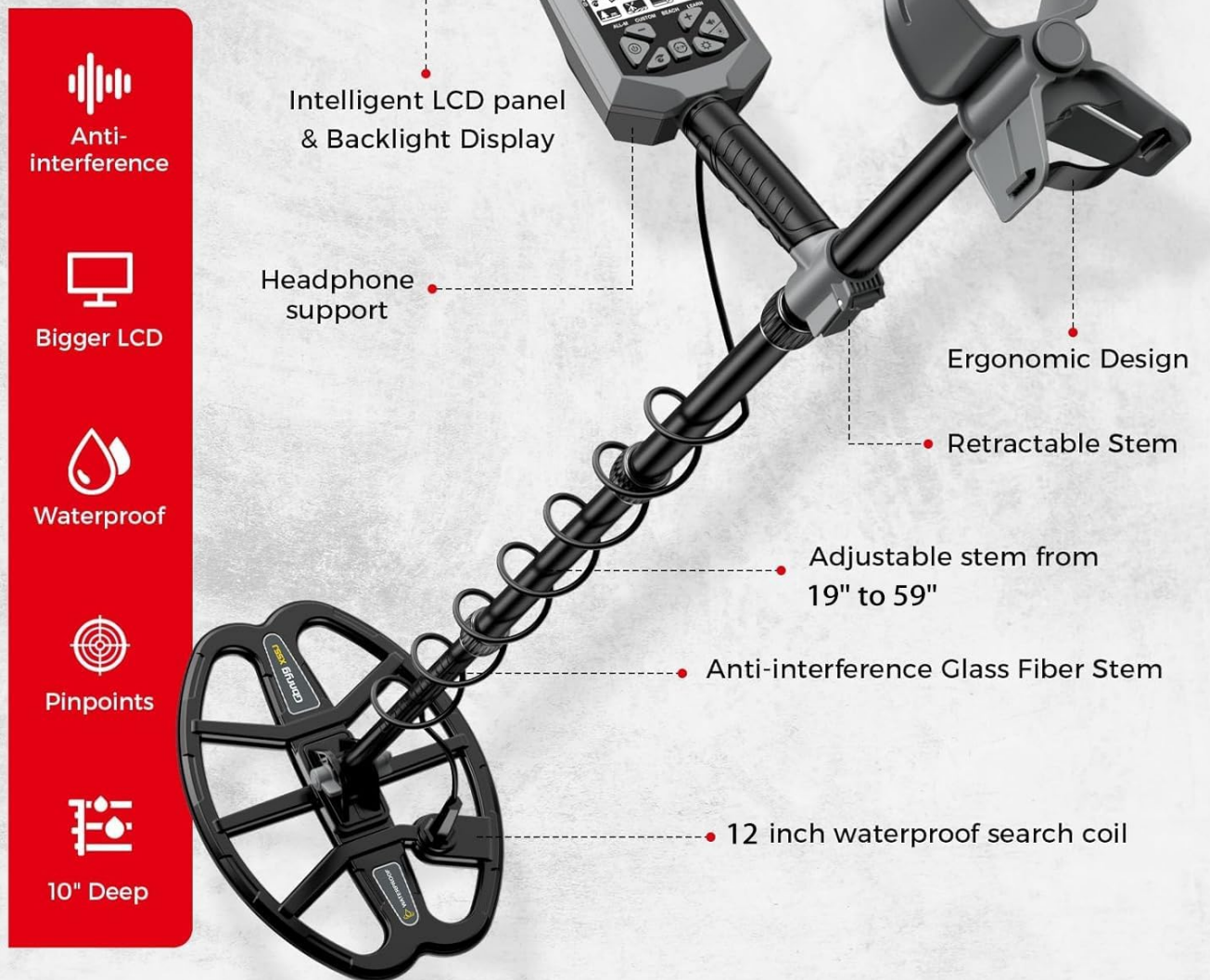


Figure 2.2: Overview of the metal detector's key features, including the intelligent LCD panel, headphone support, ergonomic design, retractable stem, anti-interference glass fiber stem, and 12-inch waterproof search coil.

2.2 Key Features

- **High-Precision Detection:** Equipped with an advanced DSP chip, offering 40% more accuracy and enhanced detection stability. Capable of detecting objects up to 10 inches deep.
- **5 Detection Modes:** Includes All Metal, Disc, Memory, Jewelry, and Pinpoint (PP) modes for versatile searching.
- **User-Friendly Design:** Features a collapsible cam lock design for easy assembly, a large backlit LCD display, silicone comfort buttons, and soft elbow support for comfortable operation.
- **Adjustable Length:** The stem can be adjusted from 19 to 59 inches, and the handle from 0 to 8 inches, accommodating various user heights.
- **IP68 Waterproof Search Coil:** The 12-inch search coil is fully waterproof, suitable for use in shallow water and wet environments. *Note: The control unit is not waterproof.*

3. SETUP

Follow these steps to assemble and prepare your Gbnryg X55J Metal Detector for use.

3.1 Assembly

1. **Attach the Search Coil:** Connect the 12-inch search coil to the lower stem using the provided screw and nut. Ensure it is securely fastened but allows for slight angle adjustment.
2. **Connect the Stems:** The detector features a collapsible cam lock design. Extend the stem sections and secure them using the cam locks. The main head is screw-less for effortless assembly.
3. **Install Batteries:** Open the battery compartment on the control unit and insert the two AA batteries, observing the correct polarity.
4. **Adjust Length:** Adjust the length of the stem from 19 to 59 inches to a comfortable height for your use. The handle can also be adjusted from 0 to 8 inches for optimal ergonomics.
5. **Connect Headphones:** Plug the included over-ear headphones into the designated port on the control unit.



Figure 3.1: Illustration of the detector's collapsible design and adjustable stem for customized length.

4. OPERATING MODES

The Gbnryg X55J Metal Detector offers five distinct operating modes to optimize your search for various metal types and environments.

5 DETECTION MODES

Start Treasure Hunt Everywhere.



Figure 4.1: Visual representation of the five detection modes: PP Mode, Learn Mode, Custom Mode, All Metal Mode, and Beach Mode.

- **All Metal Mode:** This mode detects all types of metal. The detector will provide an audio notification as soon as any metal is found, without discrimination.
- **Discrimination (Disc) Mode:** Allows you to differentiate between detected metal types and ignore unwanted items, often referred to as 'junk'. This mode helps filter out specific metal signals.
- **Memory Mode:** This innovative mode allows you to focus on a single, specific metal type. The detector will remember the pattern of a desired metal and primarily alert you to its presence.
- **Jewelry Mode:** Optimized for finding jewelry, this mode is designed to enhance signals from precious metals commonly used in jewelry while filtering out other types.
- **Pinpoint (PP) Mode:** Used to precisely locate the exact position of a detected target. Once a target is found in another mode, switch to PP mode to narrow down its location, saving time during excavation.

5. OPERATION

Understanding the control unit and making proper adjustments will enhance your metal detecting experience.

5.1 Control Unit and LCD Display

The control unit features a large, backlit LCD display for easy reading of detection information. It shows target ID, depth, battery level, sensitivity settings, and current operating mode.



Figure 5.1: User-friendly interface of the LCD display, showing target ID ranges, signal types, and various indicators for detection.

5.2 Adjustments

- **Sensitivity:** The detector offers 5 sensitivity adjustments. Adjusting sensitivity helps reduce unnecessary signals (false positives) and allows you to focus on genuine targets. Higher sensitivity can detect deeper targets but may also pick up more interference.
- **Volume:** There are 3 volume levels to adapt to different environmental noise conditions. Use headphones for clearer audio signals, especially in noisy areas.
- **Backlight:** The LCD display has a backlight feature for visibility in low-light conditions.
- **On/Off Memory Function:** The built-in memory function ensures that your last settings are retained when the detector is turned off and on again, eliminating the need to reset it every time.

5.3 Using the IP68 Waterproof Search Coil

The 12-inch search coil is rated IP68, making it suitable for exploring beaches and shallow water. This allows for detection in damp or submerged conditions. **Important: The main control unit is NOT waterproof and must be kept dry at all times.**



Figure 5.2: The 12-inch IP68 waterproof search coil, designed for underwater detection up to a certain depth.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your metal detector.

- **Cleaning:** After each use, especially in sandy or wet conditions, wipe down the search coil and stem with a damp cloth. Ensure the control unit remains dry. Do not use abrasive cleaners.
- **Battery Care:** Remove batteries if the detector will not be used for an extended period to prevent leakage. Store batteries in a cool, dry place.
- **Storage:** Store the metal detector in a dry, temperate environment. The collapsible design allows for compact storage in the provided backpack.
- **Cable Inspection:** Periodically check all cables and connections for any signs of wear or damage.

7. TROUBLESHOOTING

If you encounter issues with your Gbnryg X55J Metal Detector, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No power or display	Dead or incorrectly installed batteries	Replace batteries with fresh ones, ensuring correct polarity.
Inconsistent or no audio signal	Low battery, loose headphone connection, high interference, incorrect mode/sensitivity settings	Check battery level. Ensure headphones are fully plugged in. Reduce sensitivity. Switch to 'All Metal' mode to test basic function. Move away from electrical interference.
False signals or excessive noise	High sensitivity, electromagnetic interference, mineralized ground	Reduce sensitivity. Move away from power lines, cell phones, or other electronic devices. Try 'Discrimination' mode to filter out unwanted signals.
Difficulty pinpointing targets	Incorrect use of PP mode, target too deep	Ensure you are in 'Pinpoint' mode. Sweep the coil slowly over the target area in an 'X' pattern to narrow down the location.

If the problem persists after trying these solutions, please contact Gbnryg customer support for further assistance.

8. SPECIFICATIONS

Feature	Detail
Brand	Gbnryg
Model Number	X55J
Search Coil Size	12 Inches
Waterproof Rating	IP68 (Search Coil only)
Detection Depth	Up to 10 inches for a quarter coin
Detection Modes	5 (All Metal, Disc, Memory, Jewelry, Pinpoint)
Sensitivity Levels	5
Volume Levels	3
Adjustable Length	19 to 59 inches
Power Source	2 x AA Batteries
Material	Metal, Plastic
Item Weight	2.8 Pounds (approx. 1.27 kg)
UPC	763333692495

9. WARRANTY AND SUPPORT

Gbnryg offers a **Lifetime Warranty** for this metal detector, providing peace of mind and long-term value. For any questions, technical support, or warranty claims, please contact Gbnryg customer service through the retailer where the product was purchased or visit the official Gbnryg website.

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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.

Submit question