

Generic GR3PLUS

GROUNDTECH GR3 Plus Deep Seeking 3D Metal Detector User Manual

Model: GR3PLUS

INTRODUCTION

The GROUNDTECH GR3 Plus is a compact, lightweight 3D ground scanner designed for deep seeking metal detection. This device utilizes advanced technology to provide 3D visualization of scan data, helping users identify buried treasures with detailed information on metal type, size, and depth.

This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your GR3 Plus metal detector.

PRODUCT COMPONENTS

- GR3 Plus Device (Stick-shaped probe)
- User Manual
- Required Batteries
- Access to 3D Analysis Application (Android/iOS compatible)



Figure 1: The GROUNDTECH GR3 Plus device, a black stick-shaped probe with a digital display on the handle.

SETUP

1. **Battery Installation:** The GR3 Plus is battery powered. Ensure fresh batteries are correctly installed according to the markings inside the battery compartment. Refer to the "Important Battery Information" section for safety guidelines.
2. **Application Download:** Download the official 3D analysis application from your device's app store (available for

Android and iOS tablets and smartphones).

3. **Device Pairing:** Follow the on-screen instructions within the application to pair your GR3 Plus device with your smartphone or tablet via Bluetooth. Ensure your mobile device's Bluetooth is enabled.
4. **Initial Calibration:** Once paired, the application may prompt for an initial calibration. Follow the instructions to calibrate the device for optimal performance in your scanning environment.

OPERATING INSTRUCTIONS

The GR3 Plus is designed for ease of use, providing superior deep seeking technology for treasure hunting and archaeological exploration.

1. **Power On:** Press and hold the power button on the GR3 Plus device until the indicator lights illuminate.
2. **Start Scan:** Within the 3D analysis application, select the "Start Scan" option. The application will guide you through the scanning process.
3. **Ground Scanning:** Hold the stick-shaped probe upright and walk slowly over the area you wish to scan. Maintain a consistent distance from the ground. The device will automatically collect ground measurement data.
4. **Data Visualization:** The collected data is transmitted to your paired mobile device and visualized as 3D graphics within the application. This allows for detailed analysis of the scanned area.
5. **Analyzing Results:** Use the tools provided in the 3D analysis app to interpret the graphics. The app can help identify the type of metal, estimated size, and depth of buried objects.



Figure 2: A user operating the GR3 Plus device, holding the probe and interacting with the analysis application on a smartphone.

MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth after each use. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the GR3 Plus in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, remove the batteries.
- **Software Updates:** Regularly check for updates to the 3D analysis application to ensure optimal performance and access to new features.

Important Battery Information

Proper battery handling is crucial for safety and device longevity:

- Keep batteries away from heat, sparks, and open flames.
- Avoid short circuits.
- Dispose of batteries according to local regulations.
- Avoid strong magnetic fields.
- Keep batteries away from children and pets.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low or dead batteries; incorrect battery installation.	Replace batteries with fresh ones. Ensure batteries are inserted with correct polarity.
Cannot connect to the mobile application.	Bluetooth is off; device not in pairing mode; app not updated.	Ensure Bluetooth is enabled on your mobile device. Restart both the GR3 Plus and your mobile device. Check for app updates.
Inconsistent signal or no signal during scan.	Improper scanning technique; environmental interference; calibration needed.	Ensure consistent movement and distance from the ground. Avoid areas with strong electromagnetic interference. Perform a recalibration through the app.
3D visualization issues in the app.	Outdated app version; insufficient mobile device resources.	Update the 3D analysis application. Close other demanding applications on your mobile device.

SPECIFICATIONS

Feature	Detail
Brand	Generic
Model Number	GR3PLUS
Color	Black
Power Source	Battery Powered
Material	Metal
Item Weight	5 Pounds (approx. 2.27 kg)
Adjustable Length	Yes
International Protection Rating	IP54
Operating Frequency	1 KHz
Recommended Uses	Metal Detection
Display Type	Digital
Manufacturer	CONRAD

WARRANTY AND SUPPORT

For technical support, inquiries, or warranty information regarding your GROUNDTECH GR3 Plus, please contact the

seller, Detector Power. Their customer service team is available to provide detailed information and assistance.
Note: Specific warranty terms and conditions may vary. Please refer to your purchase documentation or contact the seller directly for precise details.

