DetectTrek M55

DetectTrek M55 Metal Detector Instruction Manual

Model: M55

Brand: DetectTrek

Introduction

This manual provides comprehensive instructions for the safe and effective operation of your DetectTrek M55 Metal Detector. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device.

Safety Information

Always operate the metal detector responsibly.

- The control box is not waterproof. Avoid submerging it in water.
- Do not use the detector in areas with known unexploded ordnance or dangerous materials.
- Always obtain permission before metal detecting on private property.
- Be aware of your surroundings and potential hazards.
- Dispose of any found waste materials responsibly.

Package Contents

Your DetectTrek M55 Metal Detector kit includes:

- DetectTrek M55 Metal Detector (Rechargeable)
- Portable Backpack
- Over-ear Headphones with Adjustable Volume
- Manganese Steel Digger
- Type-C Charging Cable

- User Manual

Setup

1. Assembly

The M55 metal detector features an upgraded helical lock design and screw-less main head for effortless assembly.

1. Connect the search coil to the lower stem.
2. Attach the lower stem to the middle stem.
3. Connect the middle stem to the control box assembly.
4. Secure all connections using the helical lock design.



Image: Revolutionary Structure Upgrade of DetectTrek M55 Metal Detector, showing smooth length adjustment, portable pinpointer holder, adjustable handle, and tool-free easy installation.

2. Adjusting Length

The telescoping shaft (19"-51") allows for instant height customization.

1. Loosen the three heavy-duty twist locks on the shaft.
2. Adjust the shaft length to your desired height (suitable for users from 4'7" to 6'3").
3. Tighten the twist locks to secure the shaft.

3. Charging the Battery

The M55 is equipped with a high-capacity rechargeable lithium battery (4000mAh) providing over 40 hours of continuous use.

1. Connect the supplied Type-C charging cable to the detector's charging port.
2. Connect the other end of the cable to a power source (power bank, portable power station, power adapter, laptop/PC, or car charger).
3. Ensure the battery is fully charged before first use.



Image: Large Capacity Rechargeable Lithium Battery of DetectTrek M55, highlighting 4000mAh and 40 hours runtime with

Type-C charging.

4. Connecting Headphones

Plug the over-ear headphones into the designated port on the control box for private audio alerts.

Operating the DetectTrek M55

1. Power On/Off

Press the power button to turn the detector on or off. The built-in on/off memory function retains your last settings.

2. User Interface

The 2X larger backlit LCD display provides clear information.

- **Backlight ON/OFF:** Control display illumination.
- **Volume Adjust:** Adjust audio output level.
- **Sensitivity Adjust:** 5 sensitivity presets to reduce false alarms.
- **Select Mode:** Cycle through 5 professional detection modes.
- **Pinpoint (PP):** Precisely locate the target.



Image: User-Friendly Interface of DetectTrek M55 Metal Detector, showing controls for backlight, volume, sensitivity, mode selection, power, and pinpoint.

3. Detection Modes

The M55 offers 5 professional detection modes for various metal types:

1. **All Metal (A-M):** Detects all types of metal.
2. **Disc (Discrimination):** Allows you to distinguish detected metal forms and ignore unwanted items (e.g., garbage).
3. **Memory Mode:** Focuses on a single memorized metal type.
4. **Jewelry Mode:** Optimized for finding jewelry.
5. **Pinpoint (PP) Mode:** Enables precise target location.



Image: 5 Detector Modes of DetectTrek M55 Metal Detector, illustrating All Metal, Memory, Disc, Pinpoint, and Jewelry modes.

4. Search Coil

The 11-inch search coil is IP68 waterproof, allowing for use in shallow water and beaches. (Note: The control box is not waterproof).



Image: 11 inch Waterproof Search Coil of DetectTrek M55, showing its IP68 rating and 11-inch detection depth.

5. How to Use the M55 Professional Metal Detector?

Video: A comprehensive guide on how to use the M55 Professional Metal Detector, covering assembly, controls, and basic operation.

6. Ground Balance

The detector features auto ground balance for stable detection in various environments.

Maintenance

- **Cleaning:** After each use, especially in wet or sandy conditions, clean the search coil with fresh water. Wipe down the control box and shaft with a damp cloth. Ensure the control box is dry before storage.
- **Storage:** Store the metal detector in a cool, dry place. Disassemble the shaft for compact storage in the provided

backpack.

- **Battery Care:** Fully charge the battery after each use to prolong its lifespan. Avoid completely draining the battery frequently.

Troubleshooting

Q1: Why Does The Detector Just Beeps All The Time?

This can be caused by high sensitivity settings or electromagnetic interference.

- **Solution:** Lower the sensitivity setting. Move away from other electronic devices (smartphones, power lines, etc.). Ensure the search coil cable is wrapped tightly around the shaft.

Video: Troubleshooting common issues like continuous beeping, explaining causes and solutions for the metal detector.

Q2: Why Using Pinpoint Mode Didn’t Help You Find Anything?

Pinpoint mode requires a brief calibration period after activation.

- **Solution:** After pressing the PP button, wait 2-3 seconds for the PP indicator on the screen to stop flashing before moving the coil. This allows the detector to calibrate the magnetic field between the coil and the ground. If you start searching too soon or if metal is too close during calibration, the detector might try to balance out that interference, making it miss the actual target.

Video: Explaining why pinpoint mode might not work and how to properly use it for accurate target location.

Q3: Why is the detector giving false signals?

False signals can be caused by highly mineralized ground, loose cable connections, or physical interference.

- **Solution:** Adjust sensitivity in mineralized areas. Check that all cable connections are secure. Avoid hitting branches or rocks with the search coil. Ensure no metal objects are on your person (keys, jewelry, belt buckles, etc.) that could interfere.

Specifications

Feature	Detail
Brand	DetectTrek
Model	M55
Power Source	Battery Powered (Rechargeable Lithium)
Battery Life	40+ Hours
Search Coil Size	11 Inches
Waterproof Rating (Coil)	IP68
Adjustable Length	19" - 51"
Display Type	LCD (Backlit)

Feature	Detail
Detection Modes	5 (All Metal, Disc, Memory, Jewelry, Pinpoint)

Warranty & Support

DetectTrek offers a 12-month replacement policy and lifetime service and technical support. For any inquiries or assistance, please contact DetectTrek customer service.

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.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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