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DetectTrek MD-880

DetectTrek MD-880 Professional Waterproof Pinpointer Metal Detector Instruction Manual

Model: MD-880 | Brand: DetectTrek

Overview | Setup | Operating Instructions | Maintenance | Troubleshooting | Specifications | Warranty & Support

Product Overview

The DetectTrek MD-880 is a professional-grade, fully waterproof handheld pinpointer metal detector designed for high-accuracy detection of various metal objects. Its robust construction and user-friendly features make it suitable for both beginners and experienced detectorists in diverse environments, including underwater.

Key Features:

- **High-Precision 360° Detection:** Offers comprehensive side-scan detection and a 3.15-inch depth for accurate locating of small targets like coins, gold, and jewelry.
- **IP68 Fully Waterproof:** Designed for reliable use up to 9.8ft (3m) underwater in rivers, lakes, beaches, and oceans. Features a reinforced battery seal and anti-slip rubber gasket.
- **Upgraded User-Friendly Controls:** Equipped with separate power and mode-switching buttons for intuitive operation. A large LCD screen displays real-time depth, signal strength, and low battery alerts.
- **Multiple Alert Modes:** Choose from sound, vibration, or LED light alerts to adapt to different search environments.
- **Lightweight & Portable:** Weighing only 9.39 oz, it's easy to carry and includes a belt holster and anti-loss hanging strap for secure transport.

Setup Guide

1. Battery Installation:

1. Unscrew the battery compartment cap located at the end of the pinpointer.
2. Insert the provided 9V battery, ensuring correct polarity (+/-).
3. Carefully screw the battery compartment cap back on. **Important:** Ensure the cap is tightly sealed to maintain the IP68 waterproof rating, especially before submerging the device.

Your browser does not support the video tag.

Video: MD880 Pinpointer Unboxing and Battery Installation. This video demonstrates the unboxing of the DetectTrek MD-880 pinpointer and provides a visual guide for correctly installing the 9V battery, highlighting the importance of securely sealing the battery compartment for waterproof functionality.

2. Attaching Accessories:

- Attach the anti-loss hanging strap to the designated loop on the pinpointer for added security during use.
- Utilize the belt holster for convenient carrying and quick access to your pinpointer.



Image: The DetectTrek MD-880 pinpointer shown with its included accessories, such as the belt holster, anti-loss lanyard, and 9V battery, laid out on a surface. This illustrates the complete package contents for user reference.

Operating Instructions

1. Power On/Off:

- Press the **Power Button** (marked with a power symbol) to turn the device on. The LED light will illuminate.
- To turn off, press and hold the **Power Button** until the device powers down.
- **Auto-Off Feature:** If left unattended and no metal is detected for 10 minutes, the pinpointer will automatically shut off to conserve battery. An audible beep will sound after 3 minutes of inactivity before auto-shutdown.

2. Mode Selection:

The MD-880 offers three alert modes: Vibration, Audio, and Audio & Vibration. To cycle through the modes:

- Press the **Mode Button** (marked with an arrow symbol) to switch between modes.
- **Vibration Mode:** Ideal for underwater or quiet environments where audible alerts are not desired.
- **Audio Mode:** Suitable for outdoor use in less noisy areas.
- **Audio & Vibration Mode:** The default mode, providing both audible and tactile alerts for general use.



Image: The DetectTrek MD-880 pinpointer displaying its three distinct alert modes: Vibration, Audio, and a combined Audio & Vibration mode. This visual representation helps users understand the available alert options for various detection environments.

3. Detection and Indication:

- The pinpointer features 360° side-scan detection and a pinpointing tip for precise target location.
- The large LCD screen displays real-time signal strength through a bar graph. The closer the pinpointer is to a metal target, the more bars will illuminate, indicating a stronger signal.
- The LCD also shows approximate detection depth and low battery alerts.
- An integrated LED light assists in low-light conditions or dark search areas.



Image: A close-up of the DetectTrek MD-880 pinpointer's intuitive LCD screen. The display shows a bar graph indicating signal strength, with more bars illuminating as the device approaches a metal target, making target location more convenient.



Image: The DetectTrek MD-880 pinpointer in use during night or dark hunting, with its integrated LED light illuminating the search area. This demonstrates the utility of the LED for visibility in low-light conditions.

Maintenance

- **Battery Compartment Seal:** Always ensure the battery compartment cap is tightly sealed before submerging the pinpointer in water. Failure to do so may compromise its waterproof integrity.
- **Cleaning:** After use, especially in wet or muddy conditions, rinse the pinpointer with fresh water. Wipe it dry with a soft cloth. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the pinpointer in a cool, dry place when not in use. Remove the battery if storing for extended periods to prevent leakage.



Image: A visual representation of the DetectTrek MD-880 pinpointer's enhanced sealing technology, highlighting the waterproof gasket and ergonomic anti-slip handle. A note emphasizes the importance of sealing the battery compartment tightly for underwater use.

Troubleshooting

- **Device Not Turning On:**
  - Ensure the 9V battery is correctly installed with proper polarity.
  - Check if the battery has sufficient charge. Replace with a new battery if necessary.
  - Verify that the battery compartment cap is securely tightened.
- **Constant Beeping/False Signals (especially after rain or in wet conditions):**
  - This can occur if moisture has entered the device or if the battery compartment is not fully sealed. Immediately power off the device.
  - Carefully open the battery compartment and inspect for any signs of moisture. Allow the device to dry thoroughly in a well-ventilated area before reassembling.
  - Always ensure the battery compartment is completely dry and tightly sealed before using the pinpointer in wet

environments.
    - **Tip:** Press the power button only after moving away from metal objects to avoid initial interference or false signals upon startup.
- **Weak or Inconsistent Detection:**
    - Check battery level on the LCD display. Low battery can affect performance.
    - Ensure the detection tip is clean and free from dirt or debris.

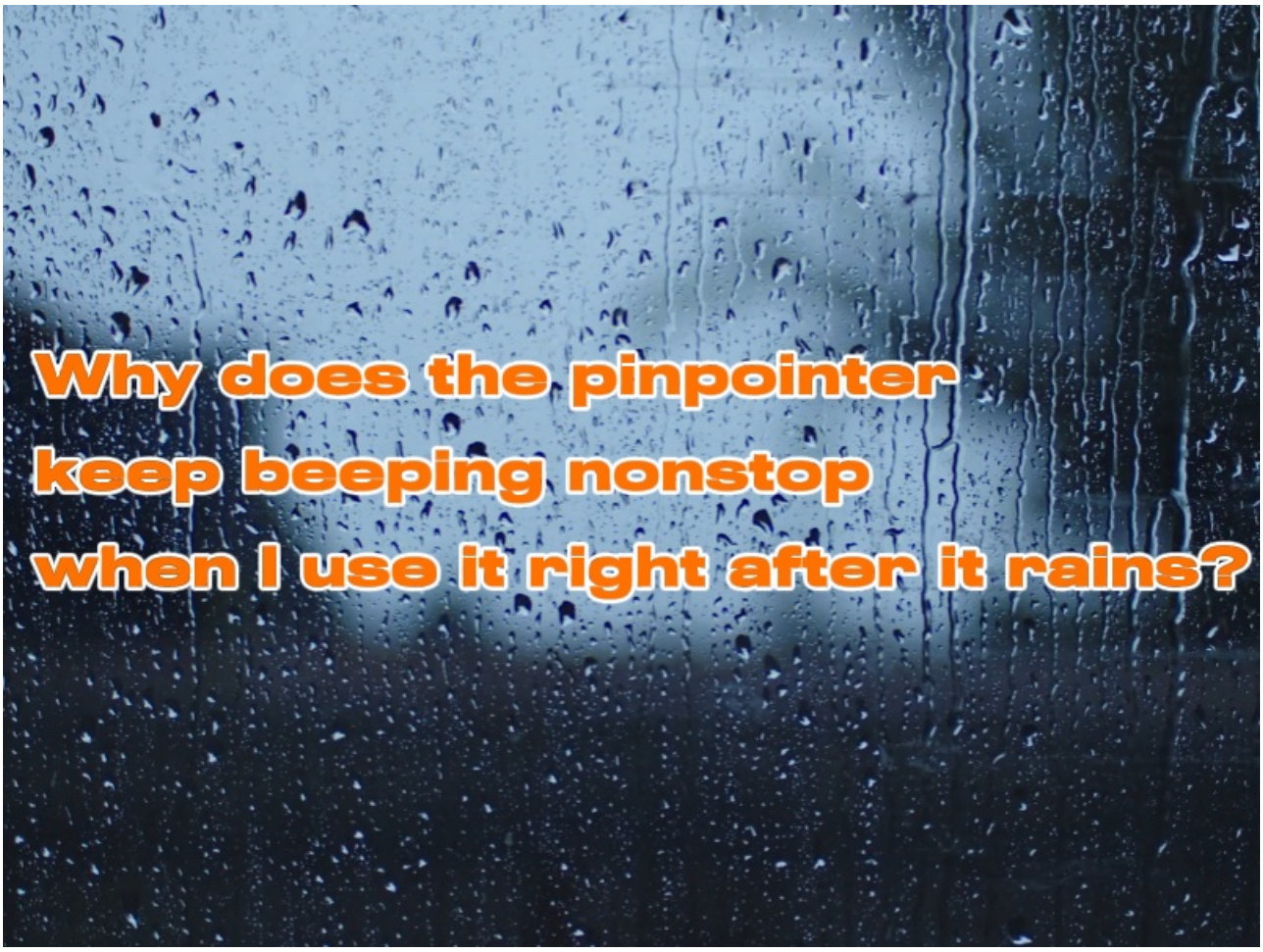


Image: A visual prompt addressing the common issue of a pinpointer continuously beeping after rain. This highlights a key troubleshooting scenario related to moisture and proper sealing for waterproof devices.

Specifications

Feature	Detail
Brand	DetectTrek
Model Number	MD-880
Color	Orange
Material	Metal, Plastic
Power Source	Battery Powered (9V battery included)

Feature	Detail
Waterproof Rating	IP68 (up to 9.8ft / 3m)
Detection Depth	Up to 3.15 inches for precise locating
Detection Angle	360° Side-scan
Display Type	LCD (real-time depth, signal strength, low battery alerts)
Alert Modes	Sound, Vibration, LED Light
Item Weight	0.58 Pounds (approx. 9.39 oz)
Item Dimensions (L x W x H)	2.56"L x 2.56"W x 12.6"H

Warranty and Support

- **12-Month Replacement:** A replacement is available within 12 months of purchase.
- **24-Hour Customer Service:** Expect a quick reply to inquiries within 24 hours.
- **Lifetime Service and Technical Support:** DetectTrek provides ongoing support for the lifetime of the product.

For further assistance or to claim warranty, please contact DetectTrek customer support through their official channels or the retailer where the product was purchased.

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Video: See How the M55 & MD-880 Make Treasure Hunting Easier. This video showcases the DetectTrek MD-880 pinpointer in action alongside the M55 metal detector, demonstrating their combined effectiveness in treasure hunting scenarios. It provides practical examples of using the pinpointer for accurate target recovery.

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