

## SUNPOW OTMD12

# SUNPOW Pinpointer Metal Detector User Manual

Model: OTMD12

## INTRODUCTION

Thank you for choosing the SUNPOW Pinpointer Metal Detector. This device is designed for precise and efficient metal detection, suitable for both adults and children. Its advanced features, including 360-degree detection and waterproof design, make it an ideal tool for various treasure hunting environments. This manual provides essential information on setting up, operating, maintaining, and troubleshooting your pinpointer to ensure optimal performance and longevity.

## PACKAGE CONTENTS

Upon unboxing, please verify that all the following items are included:

- SUNPOW Pinpointer Metal Detector (Model: OTMD12)
- Retractable Suspension Wire
- Belt Loop Holster
- 9V Battery
- User Manual (this document)



Image: The SUNPOW Pinpointer Metal Detector shown with its accessories, including the 9V battery, belt holster, and a coiled lanyard for secure attachment.

## PRODUCT OVERVIEW

Familiarize yourself with the main components of your SUNPOW Pinpointer:

# EASY OPERATE PINPOINTER



01

Battery Cover



02

LED Flashlight



03

Ergonomic Silicone Handle



04

One-Touch Switch



Image: A detailed diagram illustrating the various parts of the pinpointer, including the battery cover, LED flashlight, ergonomic silicone handle, and the one-touch power/mode switch.

1. **Battery Cover:** Located at the top, secures the 9V battery.
2. **LED Flashlight:** Provides illumination in low-light conditions.
3. **Ergonomic Silicone Handle:** Designed for comfortable and secure grip.
4. **One-Touch Switch:** Controls power and alarm modes.
5. **Detection Probe:** The tip of the device, responsible for detecting metal.

## SETUP

### 1. Installing the Battery

1. Unscrew the battery cover at the top of the pinpointer by turning it counter-clockwise.

2. Insert the included 9V battery, ensuring the positive (+) and negative (-) terminals align correctly with the markings inside the compartment.
3. Replace the battery cover and screw it clockwise until it is securely tightened to maintain the waterproof seal.

## 2. Attaching Accessories

- **Belt Loop Holster:** Slide your belt through the loop on the holster for convenient carrying.
- **Retractable Suspension Wire:** Attach one end of the coiled lanyard to the pinpointer's attachment point and the other end to your belt or holster to prevent accidental drops.

## OPERATING INSTRUCTIONS

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### Power On/Off

- To turn on the pinpointer, press and hold the One-Touch Switch for approximately 2 seconds until you hear a short beep.
- To turn off the pinpointer, press and hold the One-Touch Switch again for approximately 2 seconds until you hear a longer beep.

### Detection Modes

The SUNPOW Pinpointer features two alarm modes to indicate metal detection:

- **Sound + Vibration Mode:** This is the default mode. When metal is detected, the device will emit an audible beep and vibrate simultaneously. The frequency of the beeps and vibrations increases as you get closer to the target.
- **Vibration Only Mode:** To switch to vibration-only mode, quickly press the One-Touch Switch once while the device is on. This mode is useful for discreet searching or in noisy environments.
- To switch back to Sound + Vibration mode, quickly press the One-Touch Switch once again.

# REFLECTIONS

Double Alarm Mode:Vibrate+Sound Double Alarm Mode



Image: The pinpointer in use, illustrating the dual alarm modes: sound and vibration, which intensify as the device approaches a metal object.

## Using the Pinpointer

1. Once your main metal detector has located a general area of interest, use the pinpointer to narrow down the exact location of the target.
2. Hold the pinpointer with the detection probe pointed towards the ground or the excavated soil.
3. Slowly sweep the probe over the suspected area. The 360-degree detection capability allows for comprehensive scanning.
4. Listen for the audio alerts or feel the vibrations. As you get closer to the metal object, the alarm intensity will increase.
5. The pinpointer can detect various metals including gold, silver, copper, nickel, zinc, aluminum, tin, and platinum alloys.



# DETECT ALL METALS

The metal detector pointer can detect various metals such as gold, silver, copper, nickel, zinc, aluminum, tin, platinum alloy, etc.



Image: An illustration demonstrating the pinpointer's 360-degree detection field, showing its ability to locate different types of metals buried at various depths.

## MAINTENANCE

- **Cleaning:** After each use, especially in wet or dirty conditions, wipe down the pinpointer with a damp cloth. Do not use abrasive cleaners or solvents.
- **Waterproof Care:** While the pinpointer has an IP68 waterproof rating for the tip and scale section, ensure the battery cover is always securely tightened before exposing the device to water to prevent internal damage.
- **Battery Storage:** If the pinpointer will not be used for an extended period, remove the 9V battery to prevent leakage and corrosion.
- **Storage:** Store the pinpointer in a cool, dry place, away from direct sunlight and extreme

temperatures.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Battery is dead or incorrectly installed.	Check battery polarity. Replace with a new 9V battery.
No detection or weak detection.	Low battery. Interference from other electronics.	Replace battery. Move away from strong electromagnetic fields.
Constant alarm/false signals.	Device is too close to metal objects. High mineralized soil.	Move away from known metal. Try recalibrating by turning off and on in a clear area.
Water ingress after use in water.	Battery cover not securely tightened.	Ensure battery cover is fully tightened before water exposure. If water entered, dry thoroughly and contact support.

## SPECIFICATIONS

- **Brand:** SUNPOW
- **Model:** OTMD12
- **Color:** Orange
- **Power Source:** 1 x 9V Battery (included)
- **Detection Depth:** Up to 3.5 inches (approx. 8.9 cm)
- **Detection Angle:** 360 degrees side-scan
- **Alarm Modes:** Sound + Vibration, Vibration Only
- **International Protection Rating:** IP68 (Waterproof tip and scale section)
- **Item Weight:** 10.6 ounces (approx. 300 grams)
- **Product Dimensions:** 2.36"L x 2.36"W x 10.63"H (approx. 6cm L x 6cm W x 27cm H)
- **Recommended Use:** Metal Detection, Treasure Hunting



# LIGHTWEIGHT & PORTABLE

Take it wherever you want



Image: The compact and lightweight design of the pinpointer, making it easy to carry in a backpack for on-the-go treasure hunting.

## WARRANTY AND SUPPORT

SUNPOW offers a **Lifetime Warranty System** for this product, ensuring excellent quality and superior customer service. This warranty covers manufacturing defects and ensures long-term reliability. For any questions, problems, or warranty claims, please contact SUNPOW customer service. Our dedicated team is always ready to assist you.

**Contact Information:** Please refer to the contact details provided on the product packaging or the official SUNPOW website for the most up-to-date support information.



