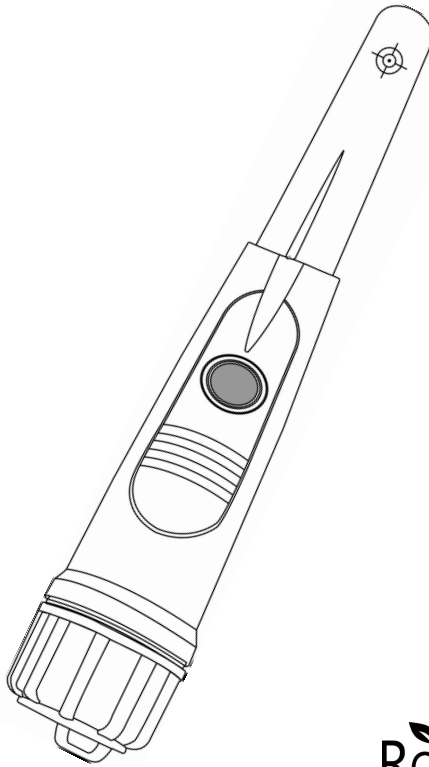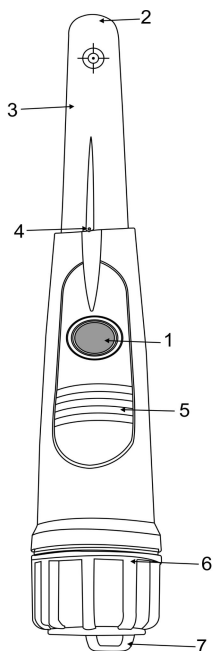**NO: MD-720**

PINPOINTER METAL DETECTOR

RoHS CE

Introduction

Congratulations on your selection of our metal detector.The metal detector is a hand-held metal detector designed to precisely pinpoint metallic (ferrous and non-ferrous) objects during treasure discovery.

The metal detector is intended for use in-conjunction with a ground search metal detector to aid in the discovery of metallic Targets . The metal detector has both buzzing and vibrating alarms to indicate the presence of metal objects. The alarms increase in intensity as the metal detector is moved closer to the metal target . With a pinpointing tip with side-scan capability, the metal detector is very effective in detecting easily even the smallest of metallic objects, An LED flashlight assists in dark and low light conditions.

The metal detector has an IP 68 standard waterproof rating . The metal detector 's durability-based on MIL STD 810 F-will provide years of reliable operation even in rugged environments. Microprocessor circuitry allows the metal detector to operate at maximum sensitivity without any need of adjustments.

The metal detector is designed for the discovery of small items in a wide variety of hunting conditions, ranging from highly mineralized ground to saltwater-saturated sand.

1. ON/OFF, Retune Adjust Button
2. Pinpointing Tip
3. 360° Side-scan Area
4. LED Flashing
5. Speaker, vibration
6. Sealed Battery Cover
7. Lanyard Attachment Loop

1、 Powering On

Press and release the button (⏻) while holding the detector away from any metallic objects.The LED light will illuminate and the detector will vibrate to Indicate the detector has turned on.

2、Powering Off

Press and hold button(⏻)until the LED is off, indicating that the detector has been turned off.

3、Alarm Function

When we turn on the detector, move the detector. When the detector is close to the metal target, the buzzer will start to sound and the detector will start to vibrate. The closer the detector is to the target, the higher the frequency of the buzzer and vibration.

This detector has two alarm devices, a buzzer and vibration. We can choose the alarm method.

- After booting, the default alarm mode of the system is vibration plus buzzer alarm.
- Press and release the button(⏻).The detector vibrates, and the detector alarm mode becomes a vibration alarm.
- Press button(⏻)again, the buzzer will sound, and the detector alarm mode will change to buzzer alarm.
- Press button (⏻) again, the buzzer will make a sound, and the device will vibrate. At this time,the alarm mode is the way the buzzer is added to the vibration, and so on.

4、Low Battery Alarm

When the detector is depleted, the detector will give a two-tone alarm to remind you that you need to replace the battery. You will need to replace the battery as soon as you hear this alert.

5、Battery Replacement

When it is necessary to replace the battery, we only need to twist the battery cover counterclockwise to open the battery compartment, then remove the battery and load the new battery. A 9v battery .When loading, you need to pay attention to the positive and negative poles of the battery.The judgment of the positive and negative electrodes of the battery needs to be determined by the size of the hole in the battery compartment. After the battery is installed, tighten the battery cover clockwise.

NOTE：

When you do not use the instrument for a long time, please take out the battery to avoid the battery corrosion of the instrument host.

6、Ruler

The detector has a ruler molded into its exterior to measure the depth of a target in either centimeter or inches.

7、Operating Instructions

Turn on the detector and avoid moving away from the target to avoid canceling the target.

When we turn on the detector, the LED will remain lighting and the LED will go out when the detector is turned off. This LED light

is not only used to remind us that the device is on, but also to provide us with illumination in poor lighting conditions.

The metal detector is a non-motion, all-metal detector. This enables you to remain stationary over a target with continuous audio and vibration response.As the metal detector is moved in closer proximity to a metallic target, the rate of Buzzing and vibrations increase proportionally-allowing precise pinpointing of the target.

Operation is completely automatic. All metals will be detected including ferrous and non-ferrous.

When we need to detect a large area, first we can use the edge of the detector to scan a large area. After the detector alarms, when the alarm frequency is the highest, we record the position at this time, and then use the pinpointing tip to scan the area for more accurate positioning.

8、Accurate Positioning

Slowly scan the target area with the pinpointing tip until the detector has the highest alarm frequency, do not move at this position, then turn off the detector and then turn it on again. The purpose is to cancel the identification of this metal while narrowing the detected area and then continue scanning, repeat the previous action.

When we finished the scan, we only need to turn off the scanner and then turn it back on then the detector will return to it's normal detection,all metal detection.

9、Wall Detection

The metal detector's static mode makes it an excellent utility locator to find metal studs and pipes in walls or nails in the drywall. Use the side-scan technique to quickly cover large areas and use the pinpointing tip to precisely locate the target.

10、Underwater Detection

This detector has been sealed and waterproofed and can be used in water up to 9.8ft (3m) deep.

NOTE:
When you need to use it underwater, we need to make sure the battery compartment is tight.

11、Automatically Shut Down
In order to save power, the detector will automatically turn off when the detector is not working for 10 minutes.

SPECIFICATIONS

Model	MPP01
Operating Temperatures	-35℉ (-37℃) to 158℉ (70℃)
Operating Frequency	12 kHz
Water and Dust	Meets IEC 60529
	IP 68 standards
Tuning	Automatic
Indicators	Proportional buzzer / vibration pulse rate
Controls	Power switch
Dimensions	Length: 10.5in (26.6cm)
Thickness	1.7in (4.4 cm)
Weight	5.3oz. (150g), (without battery in)
Battery	Single 9V (not included)
Battery Life	16 hours