

Metal Detector

Instruction Sheet

FEATURES

- Detecting metal objects in all directions
- High precision identifying system
- Auto power off
- Low power consumption
- Shock resistance
- Small size, light weight
- Waterproof design, IP degree of IP68

STRUCTURE

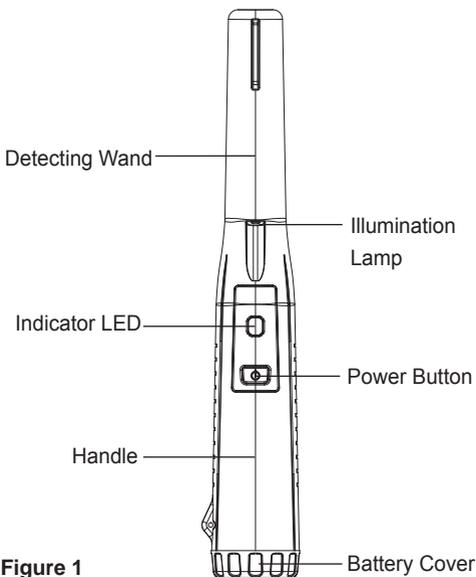
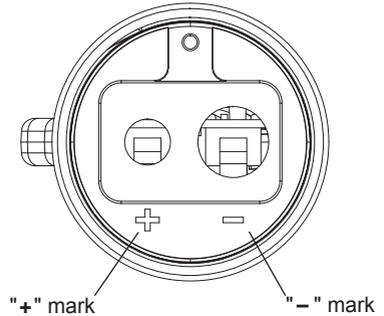


Figure 1

Note: The indicator LED is a bi-color LED, namely the green power indicator LED and the red detection indicator LED.

INSTALLING BATTERY

1. Remove the battery cover by turning it counterclockwise.
2. Install a new 9V battery (6F22 or equivalent) into the battery compartment, make sure the polarity connections are correct (see Figure 2); otherwise the metal detector may be damaged.
3. Reinstall the battery cover, turn it clockwise to secure it in place.



Battery Terminal Polarity Marks for Correct Placement of Battery

Figure 2

Note:

1. Never leave an exhausted battery in the detector.
2. If you do not use the detector in a long period of time, remove the battery from the detector to avoid corrosion.

OPERATION INSTRUCTION

1. Hold the detector by the handle. Make sure that the detector is far away from any metal object, and then press the power button briefly to turn on the detector. The green power indicator LED and the illumination lamp light up, and the detector vibrates once and/or the buzzer sounds a beep, indicating that the detector has been turned on.
 2. The detector starts calibration automatically, which takes about 2 to 4 secs. When the calibration is completed, the detector will vibrate briefly two times and/or the buzzer will sound two beeps.
- Note:** If you want to use this detector to detect metal objects buried in mineralized soil, salt water or wet salt sand, you must hold the tip of the

detector to mineralized soil, salt water or wet salt sand and turn on the detector to let it perform auto calibration there.

3. Move the detecting wand smoothly along the surface of the object to be checked. As the detector gets close to a metal object, the red detection indicator LED will start to flash, and simultaneously, the detector will vibrate and/or the built-in buzzer will sound. When getting closer, the flashing frequency of the red detection indicator LED increases, and the vibration and/or the buzzer sound speed(s) up.
4. After the detector is turned on and calibrated, you can press and hold the power button for about 2 seconds to enter the alarm-mode-switching state. The illumination lamp will flash as an indication. The detector defaults to enter the alarm mode with vibration and buzzer sound. Press the power button once to switch to the buzzer sound alarm mode, and press it again to switch to the vibration alarm mode. After selecting the desired mode, press and hold the power button for about 2 seconds to confirm it, or wait for about 5 seconds for the detector to automatically confirm.
Note: After the next power-up, the detector will default to the alarm mode confirmed in the previous use.
5. After finishing using the detector, press the power button once to turn off the detector; the green power indicator LED will go off, and the detector will vibrate three times and/or sound three beeps.

Note:

1. Before each use, verify the detector's operation by detecting a known metal object.
Do not use the detector if it operates abnormally.
2. If the illumination lamp flashes after the detector is turned on(in non-alarm mode-switching state), the battery is not high enough and you must replace the battery immediately; otherwise the detector may not operate or detect metal normally.
3. When the battery is too low, the detector will turn off automatically.

4. To save battery charge, turn off the detector when not in use.

AUTOMATIC POWER OFF

If you have not pressed the power button and the detector has not detected any metal object for about 5 minutes, the detector will start to prompt with vibration and/or buzzer sound every 12 secs. And after six prompts, the detector will turn off automatically.

Note: If any metal object is detected or the power button is pressed, the prompt will be cancelled and the timer will reset.

SPECIFICATIONS

Sensitivity: 40mm (for one dollar coin)

Alarm Mode:

Mode 1: Vibration and buzzer sound alarm mode

Mode 2: Buzzer sound alarm mode

Mode 3: Vibration alarm mode

Operating Environment:

Temperature: -20°C to 60°C

Relative Humidity: < 90%

Battery: 9V battery, 6F22 or equivalent, 1 piece

Dimensions: 265mm x 46mm x 41.5mm

Weight: About 198g (including battery)

DECLARATION

1. This Instruction Sheet is subject to change without notice.
2. Our company will not take the other responsibilities for any loss.
3. The contents of this Instruction Sheet can not be used as the reason to use the detector for any special application.

DISPOSAL OF THIS ARTICLE

Dear Customer,

If you at some point intend to dispose of this article, then please keep in mind that many of its components consist of valuable materials, which can be recycled.

Please do not discharge it in the garbage bin, but check with your local council for recycling facilities in your area.

