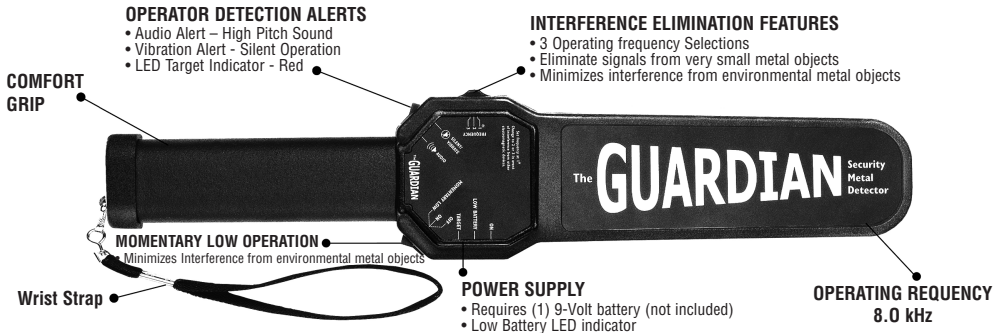

OPERATING MANUAL

The Guardian[®] Hand Held Security Metal Detector





DETECTOR FEATURES

1. Quick-Change Battery Compartment

Use a coin or screwdriver to open compartment.

Insert circular cam lock and twist to secure in closed position.

2. All-Metal Detection

Detects all types of metals.

Will not detector non-metallic objects or weapons that do not contain metal.

3. Momentary Low Detection

While holding down the "Momentary Low" switch, the detection range will be reduced.

- a) Very small metal objects, such as the metal rivets sewn into clothing, will not be detected beyond a range of one inch from the object.

- b) Large environmental metal objects, such as the metal reinforcing bars in floors, will not be detected beyond a range of several inches.

Upon release of the "Momentary Low" switch, the detector will return to Normal Operation.

4. Silent Operation

Position the Silent/Audio switch in the "Silent/Vibrate" position and:

- a) The detector will NOT emit an audible tone upon the detection of metal objects.
- b) The vibrator will activate upon the detection of a metal object, and the "Target" LED indicator will illuminate.

5. Operating Frequency Selection

Chose from two alternate operating frequencies in the event of electromagnetic interference from other electronic devices.

6. Low Battery Indication

When battery needs to be replaced:

- a. Low Battery LED will illuminate.
- b. Detection Tone will stay on momentarily after sweep past metallic object is complete.

7. Visual Target Response

Red LED flashes when a metal object is located

8. Conform Hand Grip and Removable Wrist Strap

First Time Operation

To Operate the Detector,

- 1) Install the Batteries
 - a. Use a 9-volt ALKALINE battery only
 - b. Install battery with correct polarity
(align "+" on detector housing with "+" on battery)
 - c. The battery cover opens and closes with a coin or screwdriver
- 2) Set the On switch to "ON"
"ON" is the middle position
- 3) Set the Audio/Vibrate Switch to "AUDIO"
- 4) Sweep the Detector over the target area.
Detector must be IN MOTION to detect metal
- 5) Read this manual for proper training in the detection of metal objects

Batteries

Use 9-Volt **ALKALINE** battery only

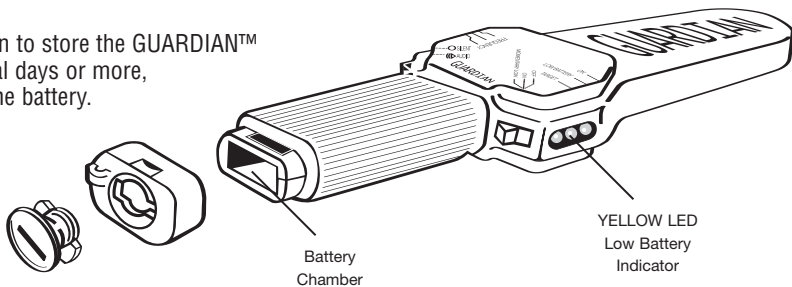
Low Battery Alert

The Yellow LED indicator light will illuminate and remain illuminated when the batteries are discharged to the point at which the detector has lost 10% of its metal detecting range.

The audible alert will also lengthen (the tone will sound for a longer period of time) upon detection of a metal object, when the batteries become discharged to the point at which the detector has lost 10% of its metal detecting range.

The detector will continue to operate, at a lower sensitivity, when the Low Battery Indicators are activated. Replace batteries as soon as possible after these indicators activate.

If you plan to store the GUARDIAN™ for several days or more, remove the battery.



Power Switch with Momentary Low

The Power switch has 2 "ON" positions and a forward "OFF" position.

The detector is OFF with the switch in the "UP" position

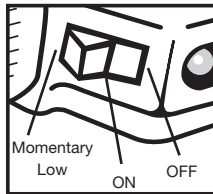
The detector is ON with the switch in the "MIDDLE" position

The detector is in **MOMENTARY LOW** operation with the switch held in the "DOWN" position.

While holding down the "Momentary Low" switch, the detection range will be reduced

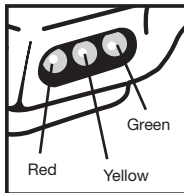
- Very small metal objects, such as the metal rivets sewn into clothing, will not be detected beyond a range of one inch from the object.
- Large environmental metal objects, such as the metal reinforcing bars in floors, will not be detected beyond a range of several inches.

Upon release of the "Momentary Low" switch, the detector will return to Normal Operation



LED Indicators

- The GREEN light indicates that the detector is ON
- The YELLOW light indicates LOW BATTERY
- The RED light indicates the detection of a metal object



Body Scanning for the Detection of Metal Objects

Always test the detector before operation. Sweep the detector across a known metal object, and verify detection with audio, vibratory, and visual feedback.

Motion is Required: The metal detector must be IN MOTION, sweeping across the target area, to detect the presence of metal.

The subject should stand upright, with arms and legs extended.



Sweep the detector over the subject, with a smooth, even motion, about one inch from the body. Do not make physical contact between the subject and the detector.

Press and Hold the "Momentary Low" switch to eliminate interference from the metal bars in floors, or from very small metal objects, such as rivets or zippers sewn into clothing.

CAUTION: Use in the MOMENTARY LOW mode will desensitize the detector. Use the Momentary Low switch only after the detection of metal, and the verification of the absence of a larger metal object

Scanning Personnel in security situations should be properly trained and supervised. This detector will not detect non-metallic objects.

Limited Ninety-Day Warranty

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