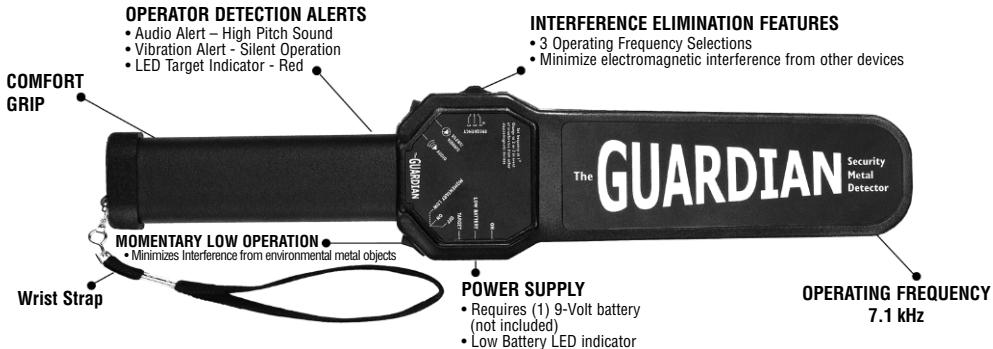


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# OPERATING MANUAL

## The Guardian<sup>®</sup> 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, Low Battery LED will illuminate.

#### **7. Visual Target Response**

Red LED illuminates when a metal object is located

#### **8. Comfort Hand Grip**

# First Time Operation

## To Operate the Detector,

- 1) Install the Batteries
  - a. Use a 9-volt ALKALINE battery only (battery not included)
  - 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 Silent/Audio 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 (battery not included)

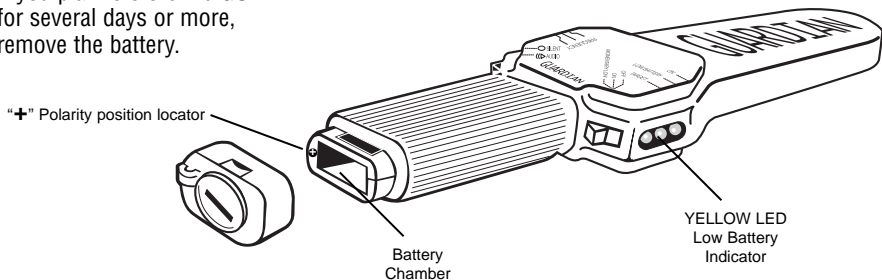
## Low Battery Alert

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

In order to guarantee maximum detection at all times, replace battery as soon as yellow light illuminates.

The detector will continue to operate, at a lower sensitivity, when the Low Battery Indicator is illuminated. Replace batteries as soon as possible after low-battery indication.

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



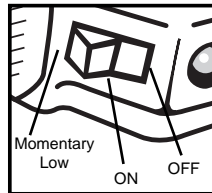
# Power Switch with Momentary Low

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.



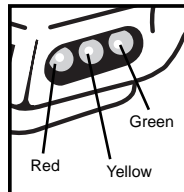
While holding down the "Momentary Low" switch, the detection range will be reduced

- 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

This product is warranted by First Texas Products L.L.C. against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from First Texas Products L.L.C. company-owned stores and authorized First Texas Products L.L.C. franchisees and dealers. EXCEPT AS PROVIDED HEREIN, First Texas Products L.L.C. MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, First Texas Products L.L.C. SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF First Texas Products L.L.C. HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

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