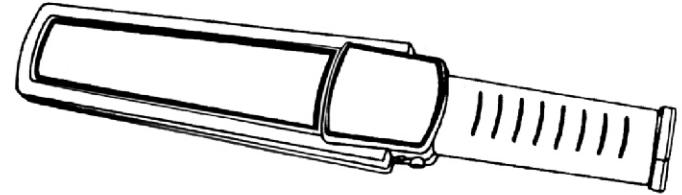# BODY SCANNER

METAL DETECTOR

----- OPERATOR'S MANUAL

Maintenanece

The Body Scanner is an example of superior design and craftsmanship. The following suggestions will help you care for the Body Scanner so you can use it for years.

1. keep the Body Scanner dry. If it gets wet, wipe it dry immediately. Liquids that contain minerals can corrode the electronic circuits.
2. Handle the Body Scanner gently and carefully. Dropping it can damage the circuit boards and case and can cause the Body Scanner to work improperly.
3. Use and store the Body Scanner only in normal temperature environments. Temperature extremes can shorten the life of electronic devices by distorting plastic parts.
4. Clean the Body Scanner with a damp cloth occasionally to keep it looks new. DO not use harsh chemicals, cleaning solvents, or strong detergents to clean the Body Scanner.
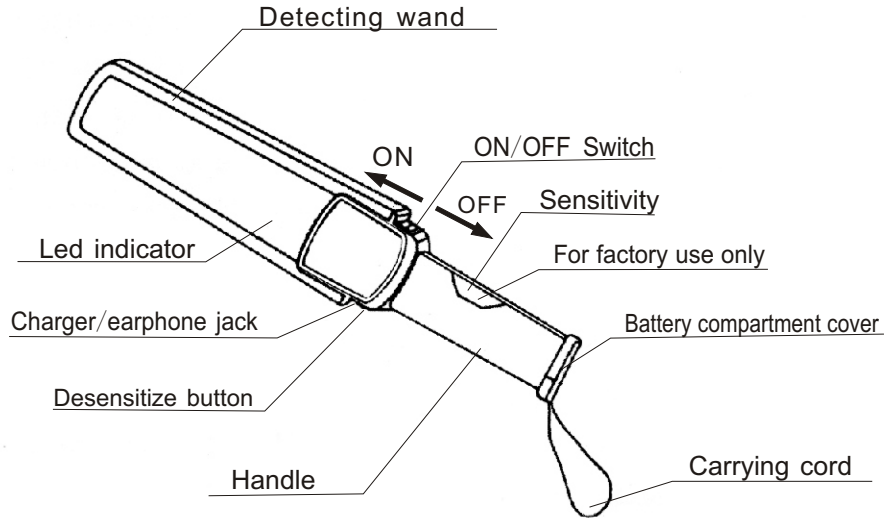5. Modifying or tampering with the Scanner's internal pats can cause a malfunction.

Important

Please read and understand this instruction booklet before using scanner. Always test scanner for proper operation before use. The Body Scanner/Metal Detector is ideal for using at airports, industrial sites, government buildings, schools, hospitals, conferences, sport events, and anywhere you need security. It's sensitive enough to detect metal objects the size of a 25 cent piece. It sounds a high-pitched tone whenever it detects metal-a longer tone for larger objects, and a shorter one for smaller objects. You can use rechargeable nickel-candmium battery for power, and recharge it in the Body Scanner.

Its features include:

1. Red LED indicator lights when the Body Scanner detects metal.
2. Desensitize Button reduces the Body Scanner sensitivity by about 50 percent, so you scan near floors, which contain large amounts of steel reinforcement, or only for larger objects.
3. Earphone jack lets you connect an optional earphone to the Body Scanner so you can scan with privacy.

Figure1

Detecting wand

ON/OFF Switch

ON

OFF Sensitivity

Led indicator

For factory use only

Charger/earphone jack

Battery compartment cover

Desensitize button

Handle

Carrying cord

---

only for factory use.）

3. Tum the screwdriver slowly until its tip fits in the control slot.

4. Using a test object, adjust the control for the desired sensitivity – clockwise to increase or counterclockwise to decrease. sensitivity. Keep the same desired distance between detector and test object, adjust the control until detector begins to sound. This is your desired sensitivity.

5. Put the rubber cover back to handle.

Using Earphone

You can use your Body Scanner with an earphone that has 1/8-inch plug, so you can hear the alarm through the earphones.

Insert the earphone's plug into the Body Scanner Charge/earphone jack on the bottom of the wand. The external sound cuts off automatically.

2. To conserve battery life, always make sure the Body Scanner is off when not in use.

3. The Body Scanner sounds a high-pitched tone whenever it detects metal a longer tone for larger objects, and a shorter one for smaller objects.

4. Before using the Body Scanner, always test it by turning it on and scanning a small metal object (such as a quarter) to make suer the tone sounds and the indicator lights. Using a smooth, even speeds to scan. It sounds a high-pitched tone whenever it detects metal.

Adjusting the Body Scanner Sensitibity

The Body Scanner is set to the optimum sensitivity level for most security scanning applications. You can adjust the senstivity level for specialized applications, which require higher or lower sensitivity.

1. Remove rubber cover from handle. There are two small holes in the middle.

2. Insert the tip of a small screwdriver through the 1/8-inch hole in the handle until it touches the adjustment control inside. (see figure 1 adjustable hole is sensitivity. **Do not adjust the second hole next to it, which is reserved**

Installing the Battery

The Body Scanner/Metal Detector requires one 9V (6F22) battery for power. We recommend using an alkaline battery. You can also use a rechargeable nickel-cadmium battery with a proper AC adapter.

Notes:

● If you use a rechargeable nickel-cadmium battery. you must charge it before operating the Body Scanner. See〞Charging a Nickel-Cadmium Battery.〞

● Never leave a or weak battery in the Body Scanner.

● If you do not plan to use the Body Scanner for several days, remove the battery.

Follow these steps to install the battery:

1. Remove the battery compartment cover.

2. Carefully remove the old battery.

3. Insert a new battery into the battery compartment. Make sure battery in connected with proper polarities〞+〞and〞-〞, otherwise could damage the detector.

4. Close battery compartment cover.

When the battery starts to get low, the Body Scanner makes a "chirping" sound instead of a smooth steady sound, and the indicator flashes on and off rapidly when it detects metal. Replace the battery. or recharge it if you inserted a rechargeable nickel-cadmium battery.（You need a AC adapter, which must supply 12 volts DC, its center tip must be set to positive, it must deliver at least 10mA, and its plug must correctly fit the Body Scanner's Charge/earphone jack. The recommended Radio Shack AC adapter meets these requirements. Using an AC adapter that does not meet these requirements could damage the Body Scanner or the AC adapter.）

Warning

Do not try to recharge alkaline or other non-rechargeable batteries. They might explode.

Charging A Nickel-Cadmium Battery
1. Set ON/OFF to OFF and install the battery in the Body Scanner.

2. Insert the AC adapter's plug into the Body Scanner Charge/earphone jack.
3. Plug the AC adapter's other end into a standard AC outlet.
4. Charge the battery for 14 to 16 hours
5. Unplug the AC adapter from the AC outlet first. Then unplug it from the charging jack.

Note

Let the nickel-cadmium battery fully discharge once in a while before you recharge it.

Important:

The Body Scanner is capable of using a rechargeable nickel-cadmium battery. when the battery is exhausted, it must be recycled or disposed properly.

How to use the Body Scanner
1. Set ON/OFF to ON to turn the Body Scanner on, or to OFF to turn if off. When it is turned off, the audio will "chirp" once for a few seconds. This is normal.

Specification

Sensitivity	A 25 cent coin（USD）	2. 5 inch（0. 6 inch*）
	Iron pipe-tube in Φ20mm	4 inch（1. 2inch*）
	Temperature environment	-10℃~+50℃
	Operating current	<6mA
	Weight	430g（with battery）
	Dimension	420X80X40mm
	Power	6F22 9VX1（Low battery alert）
	Operating Frequency	13KHz
	Tuning	Automatic
	Alert	Audio&LED light

＊with reduced sensitivity by pressing and holding Desensitize Button.