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BODY SCANNER METAL DETECTOR



OPERATOR'S MANUAL



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Please read and understand this instruction booklet before using the Blaze Body Scanner. Always test scanner for proper operation before use.

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Important

Please read and understand this instruction booklet before using the Blaze Body Scanner. Always test the scanner for proper operation before use.

The Blaze Body Scanner / Metal Detector is ideal for use at airports, industrial sites, government buildings, schools, hospitals, conferences, nightclubs, sport events, and anywhere security is needed.

It's sensitive enough to detect metal objects the size of a 20 cent coin.

It sounds a high-pitched tone whenever it detects metal - a long tone for large objects, and a short tone for small objects.

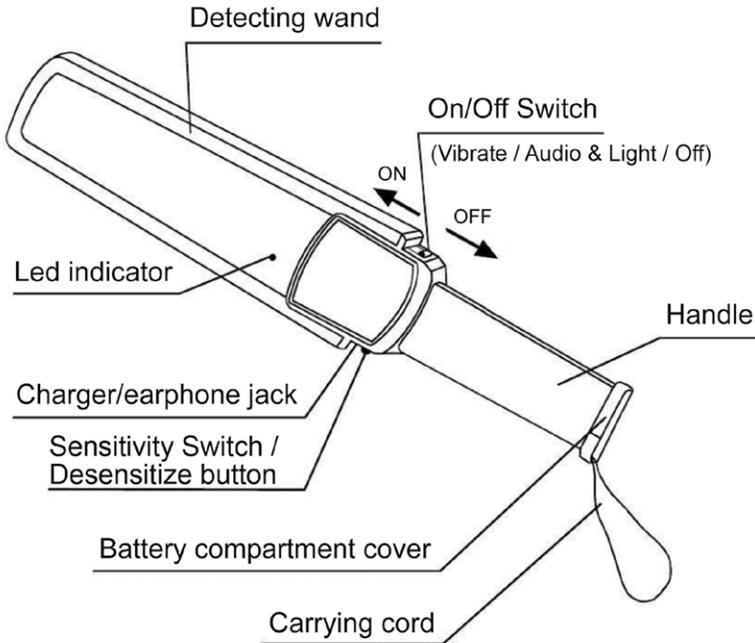
It's features include:

1. A Red LED Indicator lights up when the Blaze Body Scanner detects metal.
2. Vibration mode - the Blaze Body Scanner will vibrate on detection of metal.
3. A Desensitize Button reduces the Blaze Body Scanner sensitivity by about 50%. This can be used where larger objects only are required to be detected.
4. The ear phone jack lets you connect an optional earphone to the Blaze Body Scanner so you can scan with privacy.

Installing the Battery

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

Fig 1



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 weak battery in the Blaze Body Scanner.
- If you do not plan to use the Blaze Body Scanner for several days, remove the battery.



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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 the battery is connected with the proper polarities "+" and "-", otherwise this could damage the detector.
4. Close the battery compartment cover.

When the battery starts to get low, the Blaze 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 using a rechargeable nickel-cadmium battery. You need an AC adapter, which must supply 12 volts DC. Using an AC adapter that does not meet these requirements could damage the Blaze Body Scanner or the AC adapter.

Warning

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



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Charging A Nickel-Cadmium Battery

1. Set the On/Off switch to OFF and install the battery in the Blaze Body Scanner.
2. Insert the AC adapters plug into the Blaze Body Scanners recharge / earphone jack.
3. Plug the AC adapter's other end into a standard AC outlet;
4. Charge the battery for between 14 to 16 hours.
5. Unplug the AC adapter from the AC outlet first. Then unplug it from the Blaze Body Scanner.

Note:

Occasionally let the nickel-cadmium battery fully discharge before recharge it.

Important:

At the end of the batteries useful life, it must be recycled or disposed of properly.



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How to use the Blaze Body Scanner

3-Way Power Switch has two On positions and one Off position:

1. When the power switch is pressed forward, the Blaze Body Scanner will vibrate upon detection of any metal and no sound will be heard even though the red light alert will appear.
2. With the switch in the middle position, the Blaze Body Scanner will sound an audible alert upon detection of any metal and the red light alert will appear. (If earphones are plugged in, sound will automatically come from the earphones)
3. When the switch is slid backward power is turned off.

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

- **The Blaze Body Scanner emits a high-pitched tone whenever it detects metal a long tone for large objects, and a short tone for small objects;**
- **Before using the Blaze Body Scanner, always test it by turning it on and scanning a small metal object (such as a coin) make sure the tone sounds and the indicator lights up using a smooth, even speed to scan. It sounds a high-pitched tone whenever it detects metal.**



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Using an Earphone

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

Insert the earphone's plug into the Blaze Body Scanner recharge/earphone jack. The external sound cuts off automatically.

Maintenance

The Blaze 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 Blaze Body Scanner dry. If it gets wet, wipe it dry immediately. Liquids may contain minerals that can corrode the electronic circuits.
2. Handle the *Body Scanner* gently and carefully. Dropping it can damage the circuit boards and case, and may result in mis-operation.
3. Do not expose the *Body Scanner* to extreme temperatures as these can shorten the life of the unit.
4. Clean the *Body Scanner* with a damp cloth occasionally. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the *Body Scanner*.
5. Modifying or tampering with the *Body Scanner's* internal parts can cause a malfunction.



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Specification

Sensitivity	A 20 cent coin	2.5 inch (0.6 inch*)
	Iron pipe-tube in \varnothing 20mm	4 inch (1.2 inch*)
Temperature Environment	-10 C ~ +50 C	
Relative Humidity	0% ~ 75% @ -10 C ~ 40 C	
	0% ~ 45% @ 40 C ~ 50 C	
Operating current	<6mA	
Weight	430g (with battery)	
Dimension (mm)	420 × 80 × 40	
Power	9V IEC6F22 NEDA 1604(Low battery alert)	
Operating Frequency	13KHz	
Tuning	Automatic	
Alert	Audio & LED light	

* with reduced sensitivity by pressing and holding Desensitize Button.



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