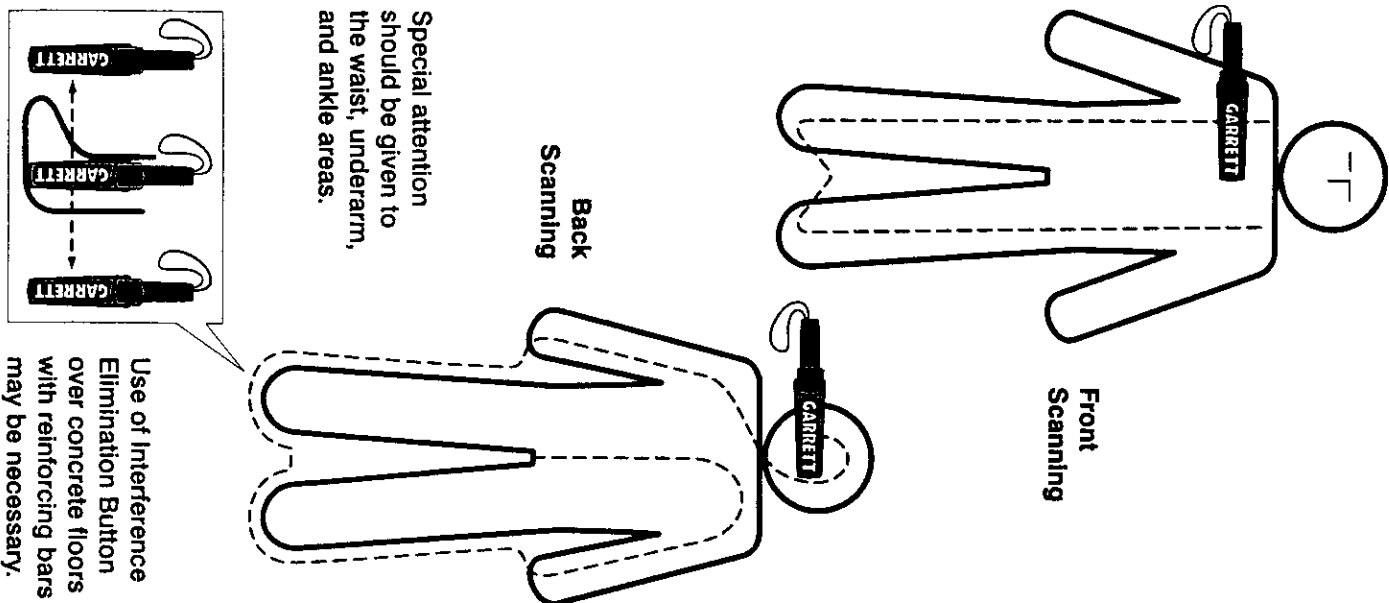


## SUGGESTED BODY-SCANNING PROCEDURE



To scan feet and ankles sweep the Super Scanner perpendicularly and approximately one to two inches high above the floor. It might also be necessary to press and hold down the Interference Elimination Button while searching on floors with rebar.

**Factory Service:** Pack detector carefully and include full details concerning its problem as well as your name, address and telephone number. Ship to Service Department, Garrett Metal Detectors, 1881 West State Street, Garland, TX 75042. Allow approximately one week for technicians to examine and repair your instrument.

### ACCESSORIES

**Rechargeable Battery Kit:** 7.2v Nickel cadmium battery with kit for recharging from conventional electric current. **Model 1610200** (110v); **Model 1610800** (220v)

**Earphone:** Permits silent operation of Super Scanner with sound coming only through the earplug. **Model 1600100**

**Belt Loop:** Police quality leather sling provides means for carrying the Super Scanner on any belt up to 3" (7.5 cm.) width. Quick release access strap. **Model 1600800**

**Belt Holster:** Police quality leather holster for belts up to 3" wide. **Model 9965600**

# GARRETT

## METAL DETECTORS

Garrett Electronics, Inc.

1881 W. State Street ■ Garland, Texas 75042-6797 U.S.A.

972-494-6151 ■ Fax: 972-494-1881

Electronic Mail: [email@gmdl.com](mailto:email@gmdl.com)

1522900/497

# GARRETT

## METAL DETECTORS



# Garrett

## Super Scanner

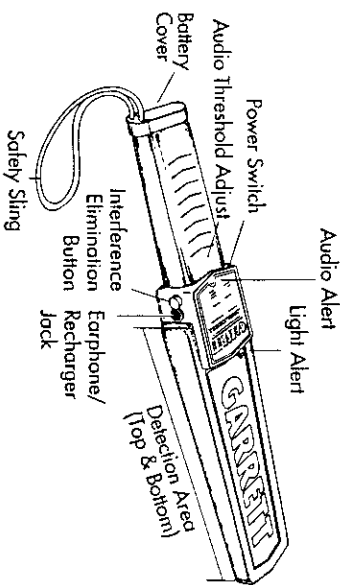
### User Manual

## SPECIAL NOTICE

The Garrett Super Scanner is the world's most popular hand-held metal detector. When used properly, it is extremely effective in detecting even the smallest of metallic objects.

The Super Scanner operates in a very low frequency range and is completely safe for all scanning situations, including pregnancies and the operation of electronic devices such as heart pacemakers.

## NOMENCLATURE



## COMPONENTS/FUNCTION

**Audio Alert:** The speaker provides a clearly audible sound whenever metal is detected. The Audio Alert sounds *only* through the earphone when one is being used.

This sound also indicates battery condition. When approximately 10% of battery life remains, the sound when metal is detected changes from a warble to a steady tone.

**Light Alert:** The red light at left above the name plate illuminates whenever metal is detected.

**Power Switch:** Has two *On* positions and a central *Off* position. When the Power Switch is pressed toward the Scan Area, it locks *On* and will remain on until returned manually to the central *Off* position. When the Power Switch is pressed toward the Sling end, the detector is turned *On*, but will operate only while the switch is being held. When the switch is released, it will return automatically to the central *Off* position.

**Interference Elimination Button:** Pressure switch that curtails sensitivity, enabling the detector to be used in areas where interference from outside

metal limits normal effectiveness. Designed primarily for use near floors with large amounts of rebar. Press and hold to curtail sensitivity; release and detector returns to normal sensitivity.

**Earphone/Recharger Jack:** An earphone is available (see **Accessories**) for "silent" operation or for use in noisy environments. The rechargeable NiCad battery pack is also recharged through this jack.

Do not attempt to recharge conventional batteries. Attempting this will damage the detector. (See **Accessories** for Rechargeable Battery Kit.)

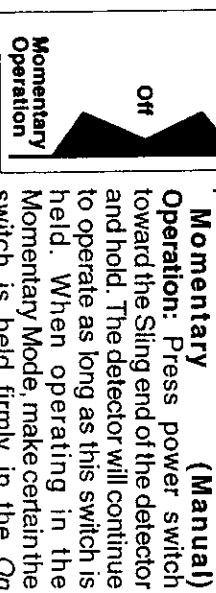
**Audio Threshold Adjust:** Permits adjustment to audio threshold, if required.

**Safety Sling:** For use to prevent the Super Scanner from being dropped or knocked from an operator's hand.

**Battery Cover:** Remains securely in place at all times, but can be easily opened for changing the battery with no tools required.

## OPERATING INSTRUCTIONS

**Continuous Operation:** Press power switch toward the Scan Area of the detector. The Super Scanner will operate until this switch is returned to the central *Off* position.



**Momentary Operation:** Press power switch toward the Sling end of the detector and hold. The detector will continue to operate as long as this switch is held. When operating in the Momentary Mode, make certain the switch is held firmly in the *On* position while scanning.

When the Super Scanner is operating, it will detect metal while it is in motion. Move the instrument within approximately two inches of the person (object) being inspected. Sound will increase sharply and light will illuminate when metal is detected adjacent to the Scan Area. Operation is completely automatic. All conductive metals will be detected, including ferrous, non-ferrous and stainless steel.

**Note:** During scanning operations, it is recommended that the Super Scanner be passed over a known metal object occasionally to verify proper operation.

## SPECIFICATIONS

**Circuitry:** Transmitter/receiver with automatic instant return. No adjustments ever necessary.

**Operating Frequency:** 95 KHz

**Audio Frequency:** 2 KHz Warble

**Dimensions:**

Length: 16.5" (42 cm.)

Width: 3.25" (8.3cm.)

Depth: 1.75" (4.5cm.)

Weight: 17 oz. (480 g.)

Voltage: 6.8 to 10 VDC

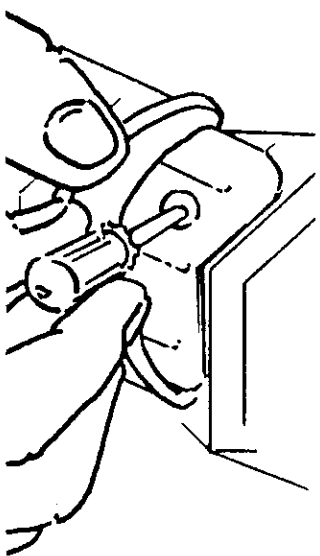
Current: 5 ma. typical

**Battery:** Standard 9v (Eveready No. 216 or equivalent) or 7.2v Nickel cadmium (rechargeable).

**Note:** Do not affix metallic labels (or any material that might cause the detector to alarm) to the detection area of the Super Scanner. Doing so might cause an imbalance in the detection field and thereby reduce scanning effectiveness.

## SERVICE INFORMATION

**Battery Replacement:** Slide back the battery cover (do *not* attempt to remove it), tilt the detector and the battery will slip out. Replace with fresh battery. Because the battery cover will not slide back if the battery is inserted improperly, *never* force the cover. When the Super Scanner is to be stored more than 30 days, remove battery.



**Threshold Adjustment:** Turn on the Super Scanner. Roll back the grip cover just below the name plate. Insert a small flat blade screwdriver in the exposed hole, as shown above, and turn slightly to adjust. Sound should be just audible when the detector is turned on but not detecting metal.