GARRETT
METAL DETECTORS

User Manual

Super Scanner®

COMPONENTS

Power
Switch

Safety
Sling

LED
Alerts

GARRETT

SUPER
SCANNER

Battery
Cover

Detection Coil
(Top and Bottom Surfaces)

Internal
Sensitivity
Adjustment
(under grip)

Earphone/
Recharger Jack

Interference
Elimination
Button

COMPONENTS / FUNCTION

Power Switch—To turn the detector on, set the switch to the ON position. A brief audio and Red LED alarm will occur, indicating the unit is on. The *Super Scanner* is immediately ready for use.

Audio Alert—The speaker provides a clear audible sound whenever metal is detected. When using the optional earphone accessory, the audio alert will only sound through the earphone.

LED Array—When the Power Switch is turned on, the Green Light will remain illuminated, as long as the unit is on. When approximately 10% of battery life remains, the Amber Alert Light will turn on, indicating the battery needs to be replaced or recharged. Approximately one (1) hour of operational time remains when the amber LED is initially activated. Whenever metal is detected the Red LED Light will illuminate.

Interference Elimination Button—The detector is factory set for maximum sensitivity to detect the smallest of items. This high level of sensitivity

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may produce alarms when approaching a floor containing rebar. Press and hold this button to decrease sensitivity to a level that does not respond to the rebar. Release button 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 NiMH battery is also recharged through this jack. Do not attempt to recharge the conventional batteries. Attempting this will damage the detector. (See Accessories for Rechargeable Battery Kit.)

Safety Sling—Used to assist the operator in convenient handling of the *Super Scanner*.

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

OPERATING INSTRUCTIONS

Turn the detector on by setting the Power Switch to the ON position. The Green Alert Light will illuminate and the Audio Alert will sound to indicate the unit has been turned ON. The Green Alert Light will remain on until the unit is turned OFF.

When the *Super Scanner* is operating, it will detect metal only while it is in motion. Move the instrument within approximately one inch from the person (object) being inspected. An audible alarm will occur and the Red Alert Light will illuminate whenever metal is detected. Operation is completely automatic. All conductive metals will be detected including ferrous, non-ferrous and stainless steel.

SPECIFICATIONS

Model Number: 1165180

Audio Frequency: 2 kHz

Dimensions: Length: 16.5" (42 cm)

                   Width: 3.25" (8.3 cm)

                   Thickness: 1.62" (4.13 cm)

                   Weight: 17.6oz (499g)

                   Voltage: 6.8 to 10 Vdc

                   Current: 5 mA. typical

Battery: Standard 9V (Eveready No. 216 or equivalent) or 7.2V Nickel Metal Hydride (NiMH) (rechargeable)

Environmental:

Operating Temperatures: -35°F (-37°C) to 158°F (70°C)

Humidity: To 95% noncondensing

SUPER SCANNER®