

GARRETT
THD

USER
MANUAL

TACTICAL HAND-HELD METAL DETECTOR



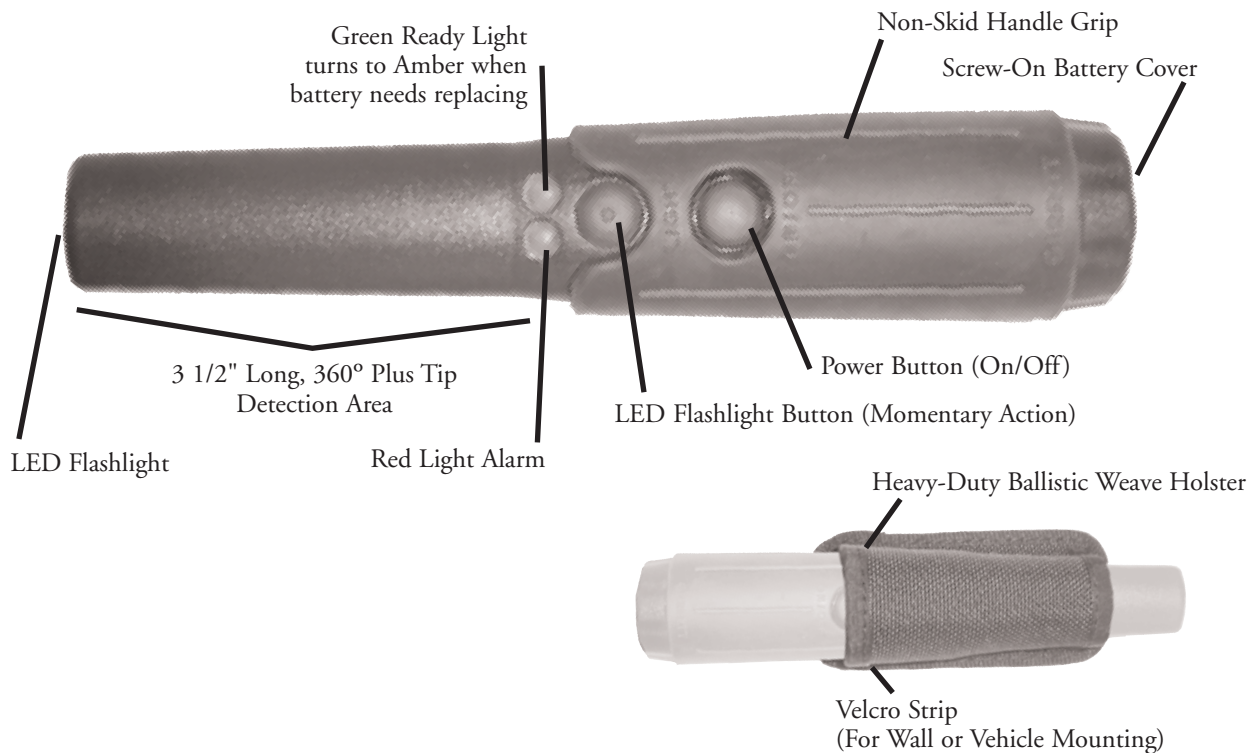
TO THE OWNER

Congratulations on your selection of the Garrett Tactical Hand-Held Metal Detector. The Garrett THD is an active hand-held metal detector designed to detect metallic (ferrous, non-ferrous and stainless steel) weapons, contraband or other metal objects concealed or carried on a person. The Garrett Tactical Hand-Held Metal Detector has both visual and silent (vibrating) alarms and offers outstanding performance as well as operating features not found in other Hand-Held Detectors. With full 360° Plus Tip detection coverage, the detector is very effective in easily detecting even the smallest of metallic objects. Unique LED light alerts indicate target detection, operational status and battery life information. A bright LED flashlight at the tip of the Garrett THD assists in dark and low-light applications.

SAFETY NOTICE

Safety precautions have been designed into the detector. Extensive research has found no information that would indicate scanning has adverse effects on pregnancies or the operation of electronic medical implants such as heart pacemakers.

COMPONENTS



COMPONENTS/FUNCTION

Power Button—Easy push button power switch turns the power of the detector on and off.

Light Alerts—The Red LED alert light illuminates whenever a metallic target has been detected. The Green LED light alert remains illuminated while the detector is on. The Green alert light will change to Amber when the battery needs to be replaced. (Approximately 1-2 hours of use remain once the amber light appears. No performance degradation takes place until the battery is fully depleted; when this occurs, operation becomes erratic.)

LED Flashlight Button—When the power is on, the LED flashlight button may be pressed and held to activate the bright LED flashlight at the tip of the unit. The LED flashlight turns off when the flashlight button is released.

Vibrator—The quick acting, silent alert vibrator activates whenever a metallic target has been detected.

Screw-On Battery Cover—Makes changing the single 9V battery quick and easy. No tools required. Battery terminal access holes are keyed to avoid improper installation of 9V battery.

OPERATING INSTRUCTIONS

Turn the detector on by pressing the "ON/OFF" button; note that the green LED alert light is on.

During operation, the Garrett Tactical Hand-Held Metal Detector will only detect metal when the detector is in motion. Scan within approximately one inch of the person being inspected. Vibration will be felt and the Red LED alert light will illuminate when metal is detected anywhere within the detector's detection area. Operation is completely automatic; no retuning or adjusting is ever necessary. Ferrous, non-ferrous and stainless steel metals will be detected. To scan feet and ankles, "sweep" the Garrett THD perpendicularly and approximately one to two inches above the floor or ground.

SPECIFICATIONS

Model: #1165900

Operating Frequency: 93kHz

Dimensions:

Length: 8 1/2" (21.6 cm)

Width: 1 5/8" (3.8 cm)

Weight: 6.4 oz. (199g)

Battery: Standard 9V (included)

Battery Life: Up to 70 hours of normal use

Environmental:

Operating Temperatures:

-35° F (-37°C) to 158° F (70°C)

Humidity: to 95% noncondensing

Environmental Protection:

IEC 60529 Waterproof

Classification IP66

ACCESSORIES

Rechargeable Battery Kit: Two (2) 7.2V Nickel Metal Hydride (Ni-MH) batteries with double socket charger. Connects to conventional current.

#1612000: 110V

#1612100: 220V

Note: Do not affix any material to the detection area of the detector that might cause the detector to alarm. Doing so might cause an imbalance within the detection field and thereby reduce scanning effectiveness.

SERVICE INFORMATION

Battery Replacement—The Green LED light alert will change to Amber when the battery is low and needs to be replaced. Unscrew the battery cover, tilt the detector and the battery will slip out. Replace with fresh 9V battery; battery contacts are so designed to only accept battery poles in the proper position. If a 9V battery is improperly installed, no circuitry damage will occur; however, the Garrett THD will not operate. The battery cover will not close tightly if the battery is inserted improperly, therefore, never force the cover to close. Remove the battery when the detector is to be stored for more than 30 days.

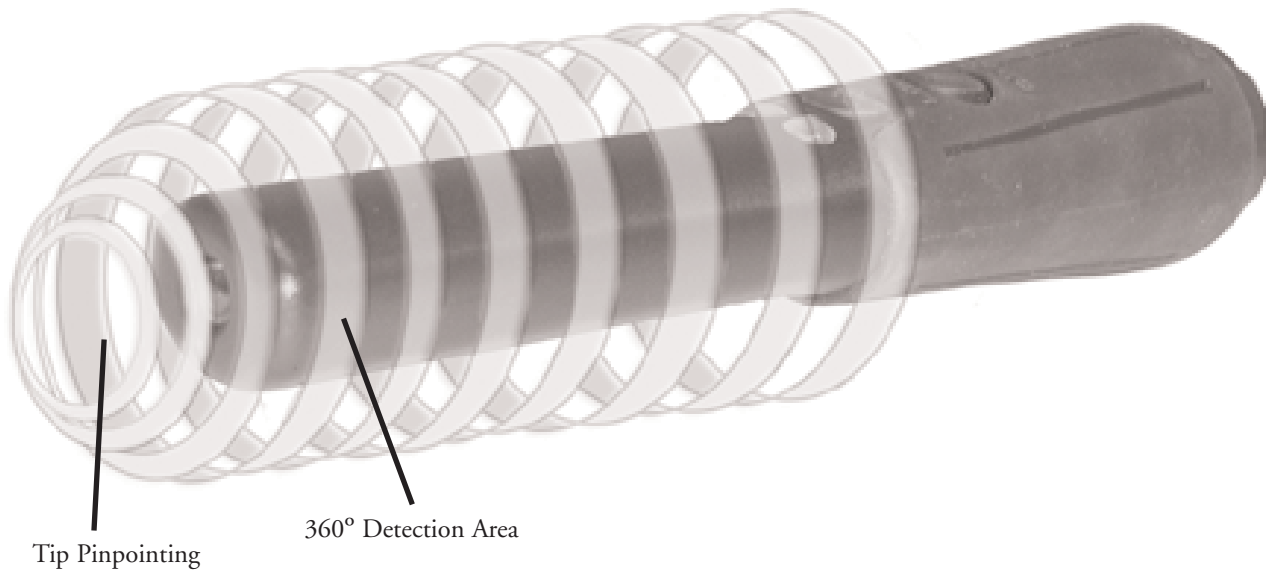
Factory Service—Pack the detector carefully and include full details concerning the problem, as well as company name, contact person, address and telephone number.

Ship to: Garrett Metal Detectors
Service Department
1881 West State Street
Garland, Texas 75042-6797 USA
(800) 234-6151 (In USA)
(972) 494-6151 (Outside USA)

Please allow approximately one week for technicians to examine and repair your instrument.

360° PLUS DETECTION FIELD

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RECOMMENDED BODY SCANNING PROCEDURE

Use all of these scanning techniques for each suspect. **Note: Special attention should be given to the waist, underarm and ankle areas.**



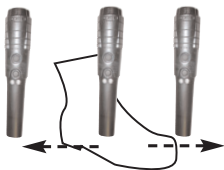
Front Scanning



Back Scanning



Outline Scanning



Foot Area Scanning

GARRETT

METAL DETECTORS

Garrett Metal Detectors

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