GARRETT™
METAL DETECTORS

Owner's Manual

PRO-POINTER™

GARRETT *PRO-POINTER*

Congratulations on your selection of the Garrett *PRO-POINTER* Metal Detector. The Garrett *PRO-POINTER* is a hand-held metal detector designed to precisely pinpoint metallic (ferrous and nonferrous) objects during treasure recovery.

The *PRO-POINTER* is intended for use in conjunction with a ground search metal detector to aid in the recovery of metallic targets. The Garrett *PRO-POINTER* has both audible and vibrating alarms to indicate the presence of metal objects. The alarms increase in intensity as the *PRO-POINTER* is moved closer to the metal target. With a pinpointing tip plus a scraping blade with side-scan capability, the *PRO-POINTER* is very effective in easily detecting even the smallest of metallic objects. An LED flashlight assists in dark and low light conditions.

The *PRO-POINTER* has an IP 66 standard waterproof rating, fully protecting it from the environment and allowing it to be washed under running water or operated in the rain. The *PRO-POINTER*'s durability—based on MIL STD 810 F—will provide years of reliable operation even in rugged environments.
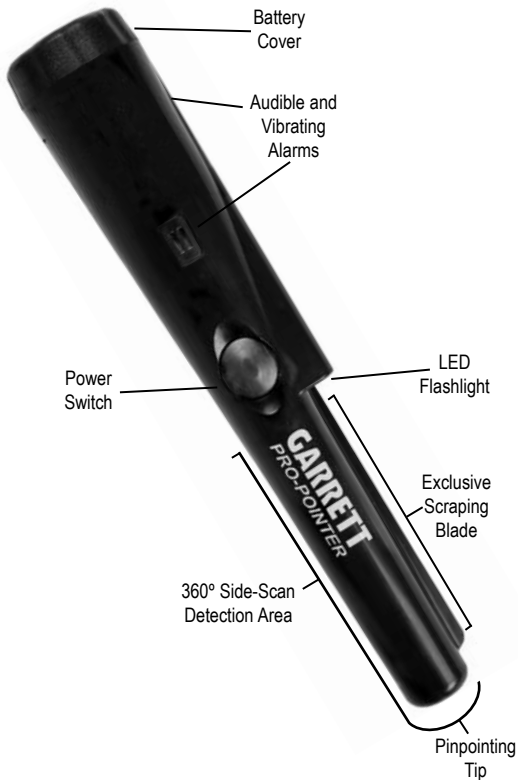
Microprocessor circuitry allows the *PRO-POINTER* to operate at maximum sensitivity without any need of adjustments.

The Garrett *PRO-POINTER* is ideal for the recovery of small items in a wide variety of hunting conditions, ranging from highly mineralized ground to saltwater-saturated sand.

You will find the Garrett *PRO-POINTER* to be an indispensable tool to:

- Speed target recovery;
- Accurately find small objects;
- Prevent digging large holes;
- Identify multiple objects in near proximity;
- Search in tight interior areas such as walls and ceilings;
- Serve as a utility pinpointer for locating metal pipes, conduit, rebar and control boxes; and
- Locate nails and metal wall studs in homes.

COMPONENTS

Battery Cover

Audible and Vibrating Alarms

Power Switch

LED Flashlight

Exclusive Scraping Blade

360º Side-Scan Detection Area

GARRETT PRO-POINTER

Pinpointing Tip

COMPONENTS AND FUNCTIONS

Power Switch—To switch the detector on, press and release the power button while holding the *PRO-POINTER* away from metallic objects. The white LED will illuminate and two brief audio beeps will occur, indicating the *PRO-POINTER* is ready for use.

Audio and Vibrate Alerts—The speaker provides a clear audible sound whenever metal is detected. The *PRO-POINTER*'s vibrator motor also activates when a metallic target has been detected. As the *PRO-POINTER* is moved in closer proximity to a metallic target, the rate of the pulsing audio and vibrations will increase proportionally. As the *PRO-POINTER* is moved away from the metallic object, the rate of the pulsing audio and vibrations will decrease.

This unique Garrett feature helps the user determine the precise location of the target.

Scraping Blade—The *PRO-POINTER* also includes a 3.75" scraping blade to aid target recovery. This rugged edge is ideal for sifting through dirt while searching for the target. The *PRO-POINTER*'s 360º-side-scan metal detection allows the detector to alarm

when the blade is passed in close proximity to a metallic target.

LED Light—The white LED (located next to the Power Switch) will remain illuminated while the unit is on, providing power-on indication and acting as a flashlight when needed.

Audible Low Battery Alert—The battery

The *PRO-POINTER*'s LED light helps illuminate targets in low light.

condition of the *PRO-POINTER* is monitored continually. When the battery becomes low, the detector will sound an alternating dual-tone alarm. This sound indicates that the detector's 9V battery should be replaced as soon as possible.

Battery Cover—This cover makes changing the single 9V battery quick and easy. No tools are required. Simply rotate the battery cover counterclockwise to remove and clockwise to tighten by hand. Battery contacts are keyed to avoid improper installation of the 9V battery.

Holster—The convenient holster helps secure the *PRO-POINTER* to any standard size belt.

OPERATING INSTRUCTIONS

Switch the detector on by pressing the power button while holding the detector away from any metallic objects. To avoid cancelling out the target, do not turn on the *PRO-POINTER* while it is adjacent to the target.

The white LED Light will illuminate when the *PRO-POINTER* is on and this light will remain on until the power button is pressed again to switch off the unit. This mini flashlight feature is useful when operating in low light situations.

The *PRO-POINTER* is a non-motion, all-metal detector. This enables you to remain stationary over a target with continuous audio and vibration response. As the *PRO-POINTER* is moved in closer proximity to a metallic target, the rate of pulsing audio and vibrations increase proportionally—allowing precise pinpointing of the target.

Operation is completely automatic. All metals will be detected including ferrous and non-ferrous.

Basic Recovery Method: Once you have located a target with your ground search metal detector, dig the recovery hole or remove the plug of earth.

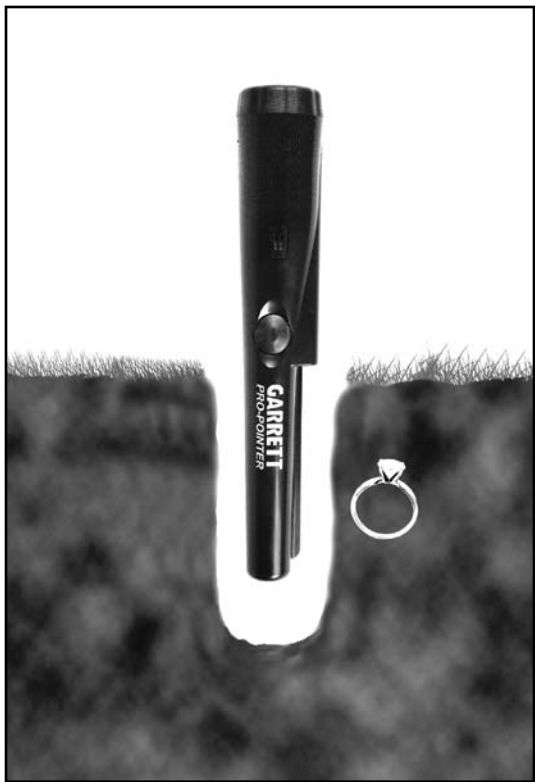You should then use the Garrett *PRO-POINTER* to precisely locate your metallic target.

First, scan over the earth plug or dirt pile to see if your target has already been unearthed in the soil you removed or turned over. If the *PRO-POINTER* does not signal a target, you should next scan inside the hole, pointing the tip of the *PRO-POINTER* toward the side walls of the hole. As you move the tip of the *PRO-POINTER* closer to the target object, the detector's vibrations and audible beeps will steadily increase.

If you do not receive a response from inside the hole or the soil/plug that was removed, the object is likely deeper in the ground or deep inside the plug—beyond pinpointing range. Sweep with your ground search detector again to confirm where the object is.

Tight Recovery Area Method: In some locations, such as public parks, a treasure hunter will generally dig the smallest hole possible. Where such a tight plug has been lifted, check the area by pointing the *PRO-POINTER* straight down into the opening.

If the target is located at or near the bottom of the hole, the *PRO-POINTER'*s response will steadily increase as it is lowered into the hole, reaching maximum response at the bottom. If the target is located in the hole's side wall, the response will increase and achieve its maximum response prior to reaching the bottom of the hole. The *PRO-POINTER* then will maintain a constant response as it is lowered towards the bottom of the hole. In this case, slowly lift the *PRO-POINTER* out of the hole until the response just begins to decrease; then scan around the sides of the hole to find the maximum response. The target should be located in the side wall at the detector's tip.

Side-Scan Recovery: One of the key features of the Garrett *PRO-POINTER* detector is its side-scan detection ability. This feature allows you to quickly search a large area. Hold the *PRO-POINTER* on its side, flat against the ground and quickly scan back and forth. Once the general location of the target is known, use the tip of the *PRO-POINTER* to precisely locate the target. In addition, you can use the scraping blade to rake, scrape or flatten the soil while side-scanning.

Scan for your target as you scrape the soil with the scraping blade.

Water Recoveries: Another key feature of the Garrett *PRO-POINTER* detector is that it meets IEC 60529 IP 66 dust and water-resistancy standards. This allows you to search muddy and wet areas without concern of damaging your *PRO-POINTER*. The detection portion of the detector may be submerged. It is recommended that the unit not be submerged beyond the speaker vent (just above the power switch), although momentary submergence will not damage the product.

Wall Searches: The *PRO-POINTER*'s static mode makes it an excellent utility locator to find metal studs and pipes in walls or nails in the drywall. Use the side-scan technique to quickly cover large areas and use the pinpointing tip to precisely locate the target.

(Left) For wall scanning with a *PRO-POINTER,* use the side-scan technique to quickly cover large areas.

(Below) To precisely locate a metal target, use the *PRO-POINTER*'s pinpointing tip.

Pinpointing Large Objects: When locating large metal objects—whether in the ground or in a wall—you can improve the pinpointing capability by "detuning" the *PRO-POINTER* in order to narrow the detection field, as follows.

Slowly scan towards the object until the detector's response increases to the full/constant alarm. Then, without moving the detector, switch the power off and then back on again in order to cancel out the target and narrow the detection field. Now continue scanning towards the object to find its precise location. Repeat the power off/on cycle to further narrow the detection field as needed.

After you have finished, you can return the PRO-POINTER to its normal detection field by simply switching the power off and back on while holding it away from all metal.

BATTERY REPLACEMENT

The *PRO-POINTER*'s battery condition is continually monitored automatically. When the battery is becoming low, the detector will sound an alternating dual-tone alarm. Replace the 9V battery as soon as possible by unscrewing the battery cover and tilting the detector so the battery slides out. Replace with a new 9V battery and hand-tighten the battery cover.

The battery compartment is keyed to only accept battery contact in the proper position. If a 9V battery is improperly installed, no circuitry damage will occur. However, it is important to observe the polarity of the battery and the *PRO-POINTER* battery compartment to ensure operation. Never force the cover to close.

Remove the battery when the *PRO-POINTER* is to be stored for more than 30 days.

Note:

Do not affix metallic labels (or any material that might cause the detector to alarm) to the detection area of the *PRO-POINTER*. Doing so might cause an imbalance within the detection field and thereby reduce scanning effectiveness.

SPECIFICATIONS

Model Name:	Garrett *PRO-POINTER*™
Model Number:	1166000
Operating Temperatures:	-35ºF (-37ºC) to 158ºF (70ºC)
Operating Frequency:	12 kHz
Water and Dust:	Meets IEC 60529 IP 66 standards
Tuning:	Automatic
Indicators:	Proportional audio / vibration pulse rate
Controls:	Power switch
Dimensions:	Length: 9" (22.9 cm) Thickness: 1.5" (3.8 cm) tapered to .875" (2.2 cm)
Weight:	7 oz. (0.2 kg.), (with battery in)
Battery:	Single 9V (included)
Battery Life:	Carbon: 16 hours Alkaline: 30 hours Rechargeable: 8 hours

Battery Accessory

Rechargeable Battery Kit—includes two (2) Cadmium free NiMH batteries and charger.

110V—PN 1612000
220V—PN 1612100

Made in the USA

The *PRO-POINTER* is manufactured in the United States of America in accordance with Garrett's ISO 9001 internationally certified Quality Management System. This Garrett product meets the following international standards:

- FCC
- CE
- RoHS
- ICNIRP
- IEC 529—IP 66

Cleaning Your *PRO-POINTER*

To remove dried dirt, mud or other debris from your *PRO-POINTER*, simply hand-clean it with soap and water and a soft cloth. Rinse with running water. Do not

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use any type of abrasive or chemical cleaners which could scratch or erode the surface of your detector. The *PRO-POINTER* is water resistant; however, avoid spraying water directly into the speaker grill and do not submerge the entire detector in water.

SERVICE INFORMATION

Factory Service

Pack the detector carefully and include full details concerning its problem as well as your name, address and telephone number. Ship to: Garrett Metal Detectors, Service Department, 1881 W. State St., Garland, TX 75042, USA.

Allow approximately one week for technicians to examine and repair your instrument. You can call Garrett's Customer Service Department at (972) 494-6151 or 1-800-527-4011 or e-mail at sales@garrett.com if you have further questions.

International Customers

Customers outside the United States must contact the retail outlet where their product was purchased to arrange for repair or warranty service.

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