Guide™

COMBINED USER MANUAL

GARRETT®

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Garrett Metal Detectors

Guide™

USER MANUAL

GARRETT®

Introduction

For decades, the *Super Scanner V* has been the most trusted security handheld globally, with proven performance, demonstrated durability, and Garrett's hallmark simplicity. Now, the Garrett *Guide* takes everything that made the Super Scanner V the global standard and raises it to the next level. Guide brings the performance you trust to a new level of refinement and ease-of-use.

Guide has all the capabilities of the *Super Scanner V*, including its iconic form-factor and audible and vibrate alarm modes, but comes in a sleek, modern package. In addition, Guide comes with many unique new features, like an offset button for interference, selectable sensitivity, and rechargeable lithium ion batteries which provide approximately 125 hours of operation per charge. The IP 65 environmental rating allows reliable operation in all conditions including heavy rain and snow.

Along with *Guide*, Garrett is also providing an interlocking USB-C charging base (PN 1635400 - sold separately) for simultaneously charging larger numbers of detectors in a smaller footprint.

Specifications

Model Number: 1173000
Detection Frequency: ~55 kHz
Audio Frequency: ~2kHz
Dimensions:
      Length: 16" [406.4mm]
      Width: 3.375" [85.7mm]
      Thickness: 1.125" [28.6mm]
      Weight: 1 lb [0.5Kg]
      Voltage: 3.8 Vdc
      Current: 15 mA typical
Battery: Lithium Ion 3.8V, 2.5Ahr
Operating Temperature: -4°F (-20°C) to 140°F (60°C)
Humidity: 100%
Environmental: IP65 rating

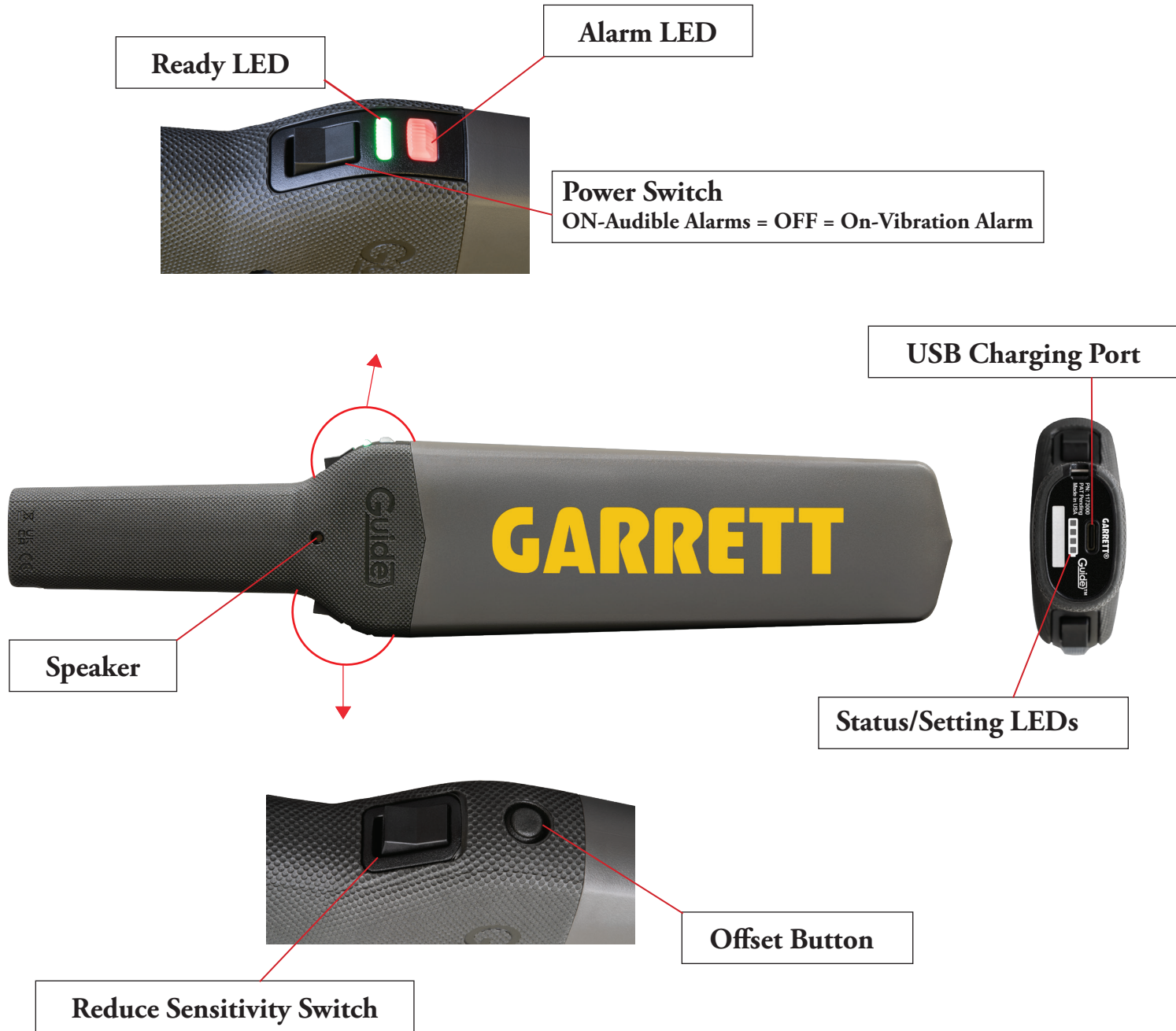# What's in the Box – Garrett Guide™

Guide Base Unit

USB-C cable

Guide Quick Start Guide

GARRETT

Guide™

Hand-Held
Metal Detector

PN 1173000

QUICK START GUIDE

Operator Instructions

Ready LED

Alarm LED

Power Switch
ON-Audible Alarms = OFF = On-Vibration Alarm

USB Charging Port

Speaker

GARRETT

Status/Setting LEDs

Reduce Sensitivity Switch

Offset Button

POWER SWITCH: Switch the two-position rocker forward for audio alarm and back for vibration alarm.

READY LED: The Ready LED will illuminate green when powered on.

SPEAKER: Provides audible alert when metal is detected.

CHARGING PORT: Charge from any USB source using a USB-C cable.

ALARM LED: The Alarm LED will illuminate red when metal is detected nearby. It is also used as an indicator when any function changes occur, like pressing the Offset button or changing the sensitivity levels. The Alarm LED is also used for charging indication. While the Guide is charging, the Alarm LED will pulse red in three patterns:
Slow till 33% charge
Medium till 66% charge
Fast till 99% charge
Solid red at 100% full charge

STATUS/SETTINGS LEDs: The LEDs located on the bottom of the handle are multi-purpose. When the unit is ON or plugged into a power adapter, the LEDs will display the available power in the battery. When the sensitivity of the detector is changed, the LEDs will display different levels of sensitivity from low to high sensitivity.

The sequence of LEDs for battery life and available power is below:

25% CHARGED

50% CHARGED

75% CHARGED

100% CHARGED
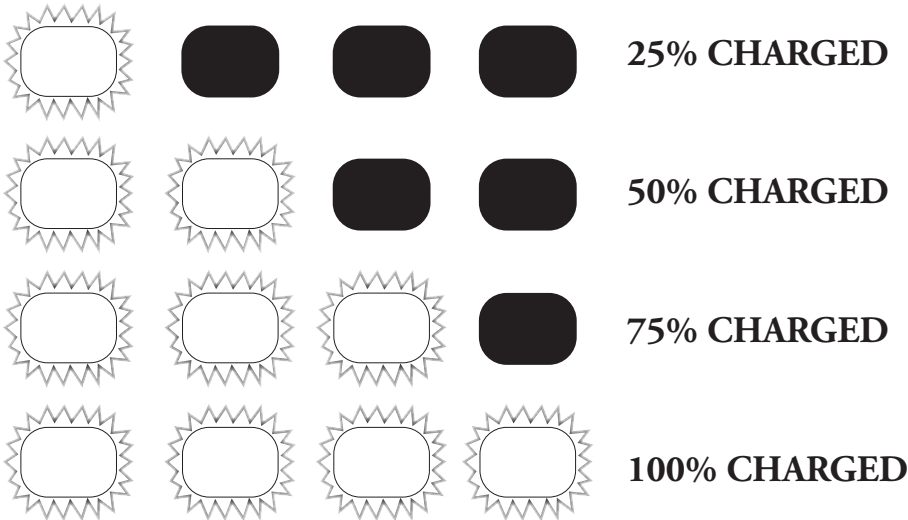
The sequence of sensitivity levels from low to high sensitivity is below:

SENSITIVITY 1

SENSITIVITY 2

SENSITIVITY 3

SENSITIVITY 4

SENSITIVITY 5

SENSITIVITY 6
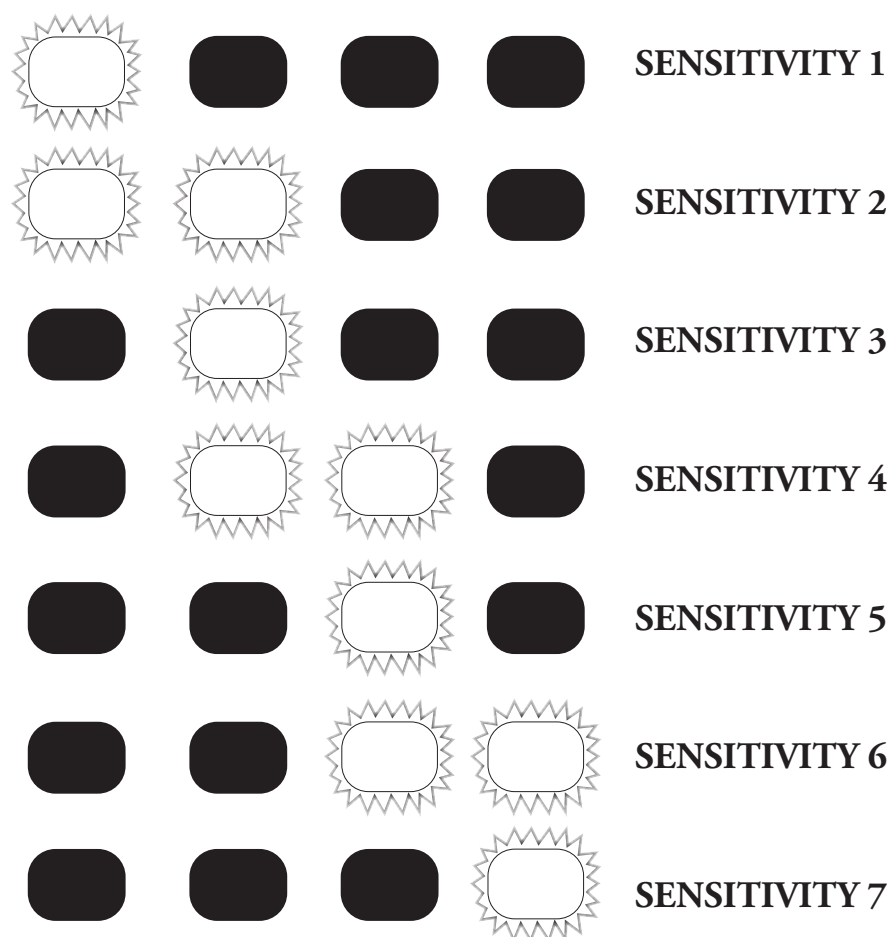
SENSITIVITY 7

OFFSET BUTTON: Use the Offset button to mitigate electromagnetic interference (EMI) caused by nearby hand wands.

REDUCED SENSITIVITY SWITCH: When the Guide is used near floors containing rebar, press and hold down this switch to decrease sensitivity to a level that does not respond to the rebar. Releasing the button will return the detector to the previous sensitivity level.

INTERNAL SENSITIVTY ADJUSTMENT: The Guide has the ability to change the detection to seven different sen-

Garrett Metal Detectors

sitivity levels. Each level allows for a metal target to be detected at different distances from the object. Below are relative sensitivity levels for each setting which approximate the distance at which the same object will be detected. So, if object B is detected at 2" at sensitivity level 4, it will be detected at approximately 2.5" at sensitivity level 5 (125% sensitivity).

Level 1 – 33% sensitivity
Level 2 – 58% sensitivity
Level 3 – 83% sensitivity (*Super Scanner V* default)
Level 4 – 100% sensitivity (*Guide* default)
Level 5 – 125% sensitivity
Level 6 – 158% sensitivity
Level 7 – 183% sensitivity

To change sensitivity, hold down the Reduced Sensitivity Switch and press the Offset button. The first press will display the current sensitivity setting, and each additional press will cycle the detector to the next level, proceeding from 1 to 7 and then back to 1. The Status/Settings LEDs will illuminate according to the current setting, see STATUS/SETTINGS LEDs.

Basic Operation

Detection Principles and Capabilities

The Garrett *Guide* is an active hand-held metal detector with very high sensitivity to all metals including ferrous, non-ferrous and stainless steel. Detection and alarming takes place when the instrument is passed in close proximity to metal objects.

Detection range is dependent upon the size and conductivity of the metal object. The larger the object, the greater the detection distance.

Guide is factory preset to nominal sensitivity for typical checkpoint operations. Increase sensitivity for prison applications. Decrease sensitivity when there is a need to detect only large objects.
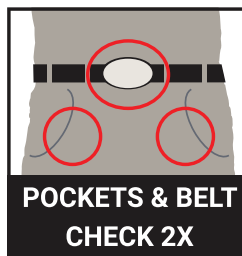
Should nearby, stationary metal objects (floor rebar, metal walls or cell bars) cause interference to the scanning process, a Reduced Sensitivity Switch is available to momentarily reduce sensitivity so as to minimize the interfering nearby metal and permit precise scanning of the individual or object being scanned.

When metal objects are encountered, the red LED is activated along with an audible alarm or the vibration alarm (depending upon user setting). Further convenient LEDs include green for "Power ON" status and white for "status/sensitivity" indication.
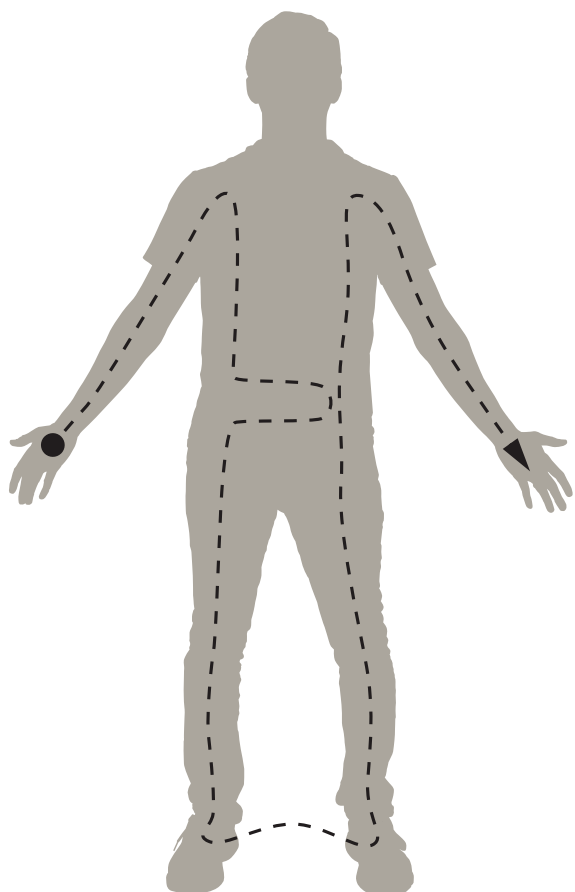
> **Note:** keep the broad side of the detector blade parallel to the scanned surface.
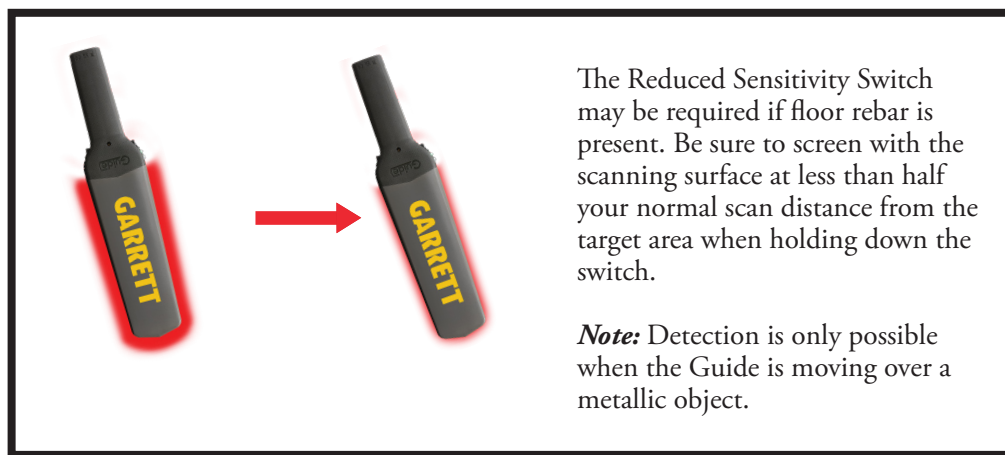> **Note:** If belt buckle alarms,check behind the belt.

Wanding Techniques

KEEP PARALLEL

POCKETS & BELT CHECK 2X

Front Scanning

Back Scanning

The Reduced Sensitivity Switch may be required if floor rebar is present. Be sure to screen with the scanning surface at less than half your normal scan distance from the target area when holding down the switch.

Note: Detection is only possible when the Guide is moving over a metallic object.
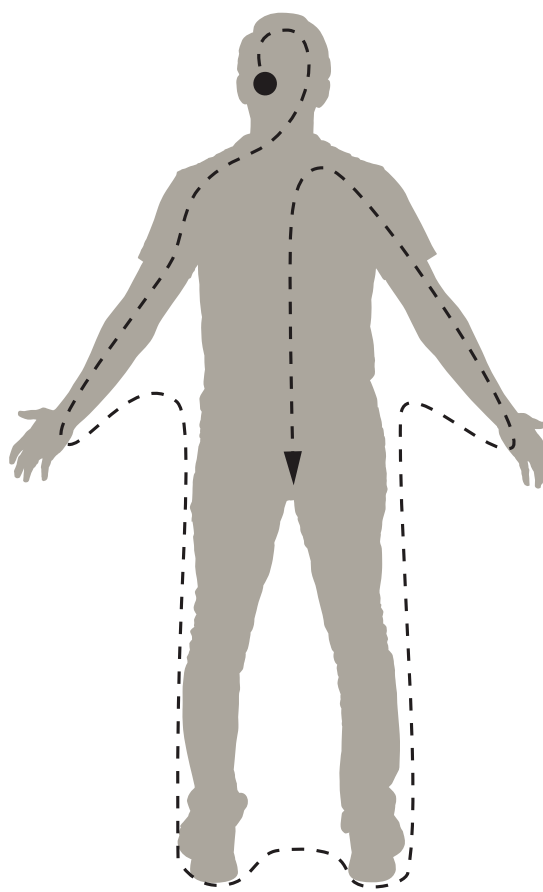
Guide™

CHARGING BASE USER MANUAL

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Introduction

This single-unit USB-C Charging Base is designed for use with the Garrett *Guide*™ (PN 1173000). The stand allows for secure charging of the Guide and is interlock-able with other bases to allow charging of up to five Guides on a single outlet.

Specifications

Model Number: 1635400
Dimensions:
      Length: 5.20" (132mm)
      Width: 4.44" (112.75mm) OR five in sequence 13.34" (338.75mm)
      Height: 4.61" (117mm)
      Weight: 5.34oz (151.4g)
      Voltage: 5 Vdc
      Current: 0.5 A per charging base
Charging Temperature: 32°F (0°C) to 113°F (45°C)
Humidity: To 95% non-condensing
Environmental: Indoor and sheltered outdoor

What's in the Box –
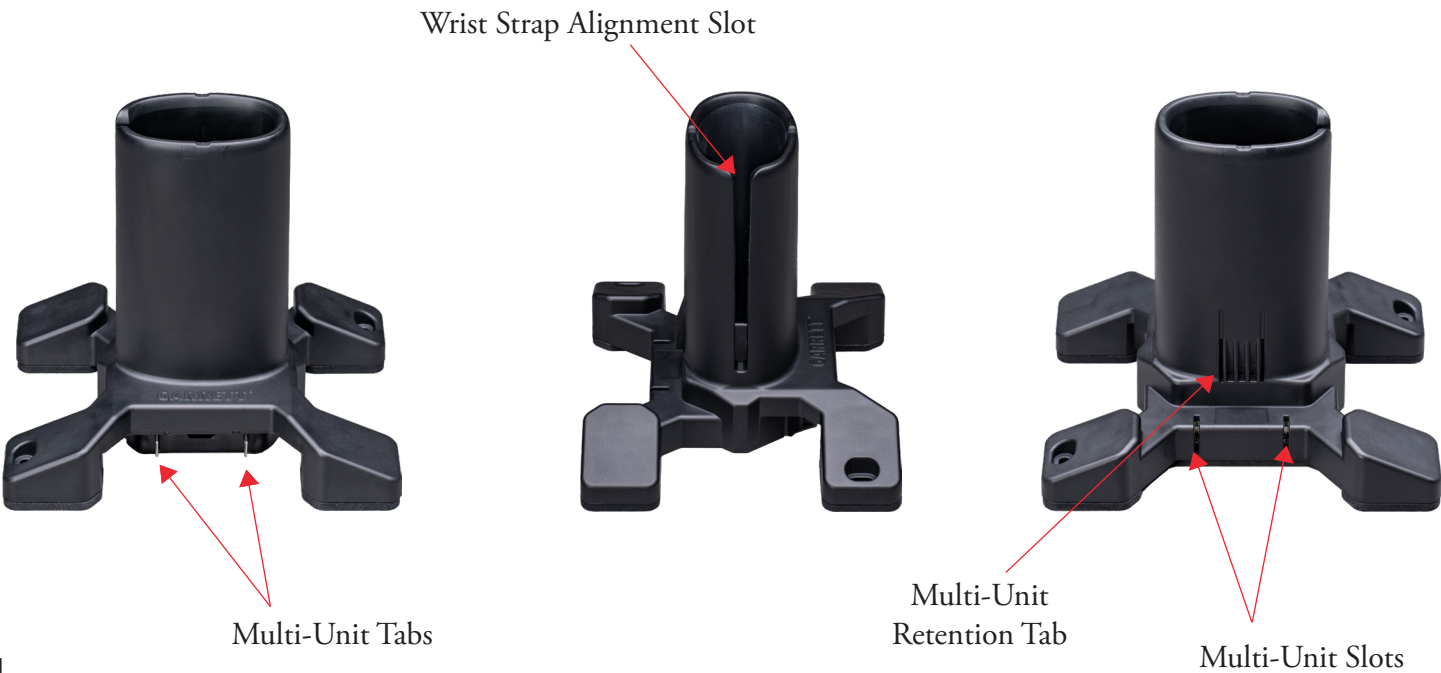# Garrett Guide™ Charging Base

Garrett Guide Charging Base
Quick Start Guide

Charging Base

Operator Instructions

Mounting Instructions

3.3"
[84.78mm]

4.6"
[117.6mm]

Ø0.14"
[3.7mm]

Ø0.3"
[7.5mm]

Protective Cover

Optional Mounting Holes

USB-C Port

Wrist Strap Alignment Slot

Multi-Unit Tabs

Multi-Unit
Retention Tab

Multi-Unit Slots

Garrett Metal Detectors
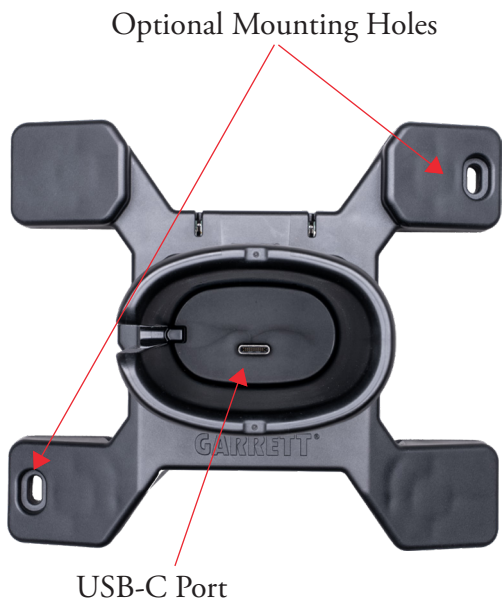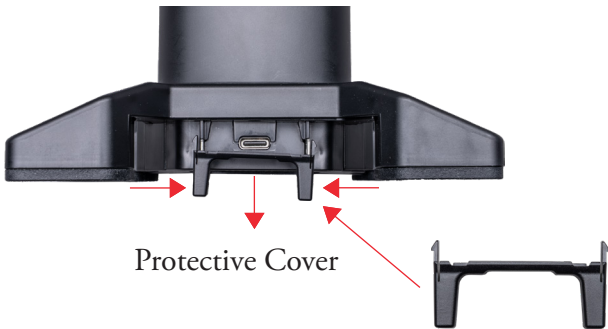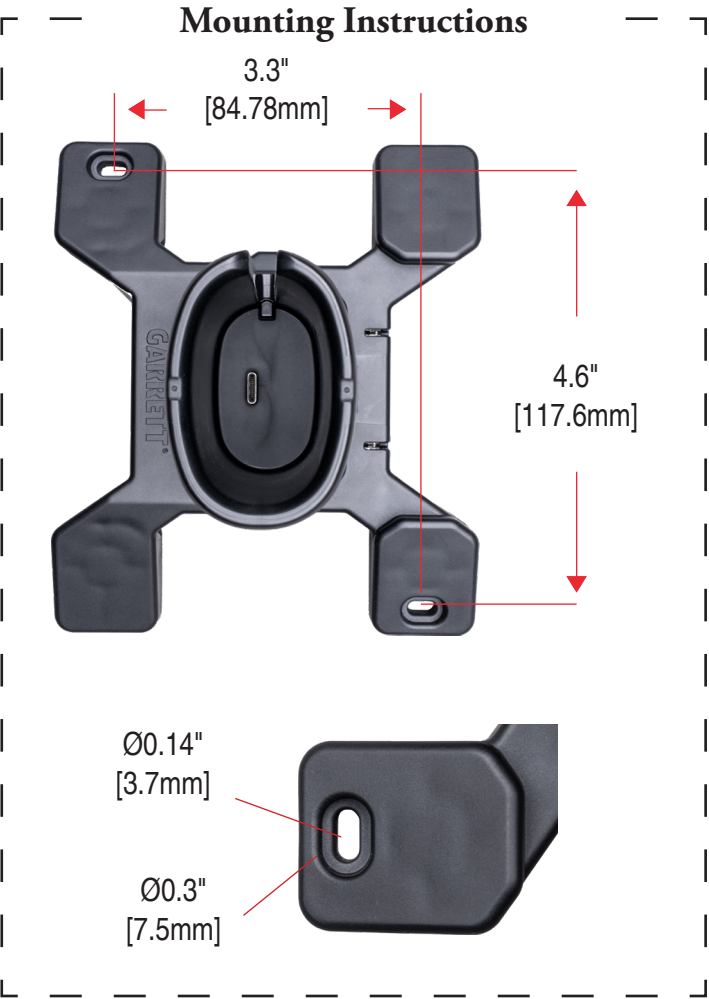
OPTIONAL MOUNTING HOLES: Holes used for mounting on a stable surface

WRIST STRAP ALIGNMENT SLOT: Slot used to align Guide Wrist Strap location on the handle with the slot on the Charging Base. When the Wrist Strap is attached, the slot allows room for insertion of Guide handle into the base.

USB C PORT: USB-C charging port for charging Guide. The port is intentionally designed to be off center. If the location of the wrist strap on the Guide is not aligned with the Wrist Strap Alignment Slot, the Guide will not connect to the USB-C Port and will not charge. When the Guide is seated correctly into the USB Port, the Alarm LED will illuminate Red indicating that it is charging.
    Note: The detection ability of the Guide is disabled while charging.

MUTLI-UNIT SLOTS: Electrical slots used to mate multiple charging bases together as a cluster. Align the Multi-Unit Tabs with the slots when connecting multiple devices together.

MULTI-UNIT TABS: Electrical tabs used to mate multiple charging bases together as a cluster. The charging circuitry inside Guide and the Charging Base is designed for connecting a max of 5 bases. These tabs come with a plastic protective cover over by default from the factory.

PROTECTIVE COVER: Remove the cover from the Multi-Unit Tabs when assembling multiple charging bases.

USB C TO USB A CHARGING CABLE: Charging cable used for charging a single Charging Base or a cluster of 5 max Charging Bases together.

POWER ADAPTER (1629500): Garrett USB A 3A, 20W power adapter, 100-240VAC input with international plug adapter. *(Supplied with 5x kit)*

Basic Operations

Single Unit Charging

To plug a *Guide* into the Charging Base, rotate the unit so that the Wrist Strap notch in the base faces the slit in the Charging Base column, and the Alarm and Ready LEDs face away from it.

Slide the Guide into the column until it connects with the USB-C plug at the column's base. Then, take the USB cable included with the *Guide* and plug it into the Charging Base.

Note: 3A Power adapter not included

By combining the charging base with the USB cable, you can charge a single *Guide* unit.

Multi-Unit Charging

For multiple units, you can interlock **up to five units** at a time by overlapping them as in the image below. Be sure to remove the plastic end cap as you connect additional Charging Bases together. Then, you can plug that last unit into one of the USB charging cords that comes standard with every Guide unit.

Remove end cap

Note: Do not discard end cap if you intend to unlink chargers later, as the cap is reusable.

Press in to remove charging base

All USB cables after the first will be left over as excess. Charging five units requires the use of the High Current Power Adapter.

Safety & Maintenance

Caution

Always verify that the Garrett Guide is set to the desired sensitivity level by testing with appropriate targets anytime the sensitivity adjustment is changed.

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

If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

Safety Notice

Garrett Metal Detectors makes every effort to ensure that its products are safe for its users. Extensive research has produced no information that would indicate that the use of this product has adverse effects on pregnancies or on the operation of electronic medical implants such as pacemakers. However, Garrett recognizes there may exist personal medical electronic devices that may be affected by this product and advises that any recommendations by electronic medical device manufacturers or physicians be followed.

Maintenance

Periodic maintenance should include a daily check for battery condition, verification that Guide detects metal, and confirmation that there are no loose or missing parts. A daily test standard can be established by using the FTP or OTP test piece available from Garrett, or simply by selecting an object the size of a large coin and noting the expected detection distance. A formal test program may be establish using the 8-piece Test Kit HHMD available from Garrett.

Support

Accessories

Visit Garrett.com for accessories, kits, and videos

Warranty

Register your Garett detector online garrett.com/security/warranty-registration

QR SCAN - SECURITY

QR SCAN - BATTERY SDS