

GEOTAB

GEOTAB
Anywhere Battery
Powered Device



GEOTAB Anywhere Battery Powered Device User Guide

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GEOTAB

GEOTAB Anywhere Battery Powered Device



GO Anywhere

GO Anywhere™ is the first generation of Geotab-built asset tracker devices. It allows you to maintain visibility of your assets in any environmental condition using the MyGeotab application.

GO Anywhere is a low-cost, high efficiency device with a long battery life, designed with a rugged enclosure for installation on most assets. It leverages Geotab's functionality, management, and security for basic asset tracking functionality and fast GPS acquisition time.

Rugged

IP68 and IP69K rated

Long life

Up to 10 year*
battery lifespan

Asset management

Know where your assets are
and where they've been

Asset recovery

Increased device
sync/communication (5 min)
when enabled

Easy to install

Self install to get up
and running quickly

View assets and vehicles

Manage assets and
vehicles together in
same platform

Asset utilization

Know which assets are
available for use



Daily update

Location data collected every 15 minutes
while in motion/up to 3 pings every 24 hours

Device functionality

The GO Anywhere device is designed with movement in mind, and can operate in two modes: Sleep Mode and Track and Trace.

Sleep Mode

Power Conservation - The device's primary state will be ultra-power conservative reporting every 72 hours (unless a trip is detected).

During sleep mode, the device does not collect/log data. The device exits Sleep Mode when Track and Trace (trip start) is detected.

**Data and Use Case driven
Check-in
Once every 72 hrs***

Track and Trace

Basic Asset Tracking - when a trip is detected, the device will transition to Track and Trace mode, logging location data every 15 minutes until the trip has ended.

The device will report up to 3 times in a 24 hour period (user configurable), and all data collected during that period will appear in [MyGeotab](#).

**Trip driven check-in
One to three times per
24 hrs***

Track and Trace mode

The sync frequency in Track and Trace mode can be configured on the Asset Edit page. The device can be made to sync once, twice, or three times per day while moving.

To update the sync frequency, from the MyGeotab main menu, navigate to Vehicles & Assets and then select an asset to go to the Asset Edit page > Settings tab > GO Anywhere Settings and specify the Sync Frequency using the radio buttons.

Asset Health Data Sharing **Settings**

GO Anywhere Settings

Sync Frequency
Number of times the device will sync data, such as asset status and location

☐ Once per day
 ☐ Twice per day
 ☒ Three times per day

Asset Recovery
Syncs device data every 5 minutes to help you locate the asset.

ON OFF

* NOTE: This updates the sync rate only when the asset is moving.
For additional information, see [FAQ here](#).

Asset recovery

The GO Anywhere device provides enhanced features that give you more visibility into your asset's location. From the MyGeotab main menu, navigate to Asset Edit page > Settings tab > GO Anywhere Settings. On this page, you can switch the Asset Recovery toggle On or Off. When enabled, Asset Recovery increases the sync/communication frequency to every 5 minutes to provide you with frequent updates of the asset's last known location.

GO Anywhere Settings

Sync Frequency
Number of times the device will sync data, such as asset status and location

☐ Once per day
 ☐ Twice per day
 ☒ Three times per day

Asset Recovery
Syncs device data every 5 minutes to help you locate the asset.

ON OFF

Asset Monitoring

Advanced

GO Anywhere Settings

Sync Frequency
Number of times the device will sync data, such as asset status and location

Asset Recovery
Syncs device data every 5 minutes to help you locate the asset.

Asset Monitoring

Advanced

Asset Recovery

Turn on Asset Recovery?

Asset Recovery syncs the device data every 5 minutes, and will rapidly drain the battery life of your GO Anywhere device.

Cancel Turn on

* NOTE: Once the Asset Recovery feature is enabled, the device will need to wait until its next sync for the device to begin the 5 minute sync frequency. This can take up to 24 hours, depending on your Sync Frequency setting and the time when Asset Recovery was enabled.

* NOTE: When enabled, Asset Recovery will have a significant impact on the overall battery life of your GO Anywhere device. Ensure that you disable Asset Recovery once the asset has been located and that you reselect your desired Sync Frequency.

Asset tracking

The GO Anywhere device is a low-cost option that allows you to track non-powered assets to determine asset location and utilization. They are easy to install, and do not require a dash mounted antenna or wire splicing.

Security

Geotab platform security is designed for end-to-end protection of your data. Key implementations include the following:

- The GO Anywhere device and network interfaces use authentication, encryption, and message integrity verification.
- The GO Anywhere device is individualized. Each device uses a unique ID and non-static security key, making it difficult to fake a device's identity.

Over-the-air updates use digitally-signed firmware to verify that updates come from a trusted source.

Key features

- Low-cost, high-efficiency device
- IP68 and IP69K rated for water, dust ingress, and pressure spray protection
- Simple device design for covert installation
- Easy to install
- Fast GPS acquisition time
- TM Compliant

Technical specifications and features

Cellular

Modem: LTE (CAT-M1/NB-IOT):

	TB1-LTM AT&T/Rogers/Telus/Bell <ul style="list-style-type: none"> LTE (CAT-M1): Bands 2/4/5/12/13 Antenna: GNSS Receiver (inside the device)
Battery life	Maximum 10 years (based off of one sync/day - battery life depends on how much the Asset is in use and can vary, based on movement, vibration and external environmental factors. ex - temperature).
SIM	4FF Nano SIM tray
GNSS Receiver	GNSS engine (GPS/GLONASS/Beidou/Galileo/SBAS/WAAS/EGNOS/MSAS/GAGAN) <ul style="list-style-type: none"> Minimum 2 second Time-To-First Fix for hot and aided starts Cold start: minimum 35s Concurrent GPS & GLONASS system GNSS Accuracy: ~2.0 m CEP OTA FW updates supported
Accelerometer	3-axis accelerometer <ul style="list-style-type: none"> 3D accelerometer. Full-scale acceleration range of ± 8 g Acceleration output data rate of maximum 100 Hz.
Battery	Three AA lithium iron disulfide batteries (non-removable) Total capacity: 14Whrs
IP rating	IP68 and IP69K
Mechanical	Maximum size: 111 mm L x 71 mm W x 29.5 mm H Weight: 166.7 g (0.37 lbs) Housing: Polycarbonate (PC) thermoplastic two-piece housing (Flammability rating: UL 94 V-0)
Environmental	Storage Temperature -40 °C and +60 °C Operating Temperature -40 °C and +60 °C SAE J1455 <ul style="list-style-type: none"> Powered Thermal Cycle Temperature Shock Resistance Humidity-Temperature Cycle Powered Vibration Endurance
Compliance	FCC, ISED, PTCRB

Preparing for installation

Before installation, add the GO Anywhere device to your MyGeotab database using the device serial number, such that all data logged from the point of installation onward is sent to your database.

Installation instructions

WARNING! Prior to device installation, read and follow the Important safety information and limitations of use section of this document. Always read and follow all safety information to prevent loss of asset control and serious injury.

- **IMPORTANT:** The magnet mount is intended for stationary assets only, and may not be suitable for roadway use due to the risk of detachment.
- **WARNING!** Some installations are not straightforward and must be completed by an Authorized Geotab Installer to ensure a secure installation. An unsecure device installation can result in serious personal injury or significant damage to assets. Examples requiring professional installation from an Authorized Geotab Installer are when:
 - The device is not fully secured and may come loose with vibrations or accidental contact, or get knocked.

- The Installer questions their ability to complete a secure installation according to the following instructions.
- Mounting modifications are required to secure the device (for example, removing of panels).
- **WARNING!** Do not attempt to install, reconfigure, or remove any product from an asset while the asset is in motion or otherwise in operation. All installation, configuration, or removal must be done only in stationary assets which are securely parked. Attempting to service devices while the asset is in motion could result in malfunctions or collisions, leading to death or serious personal injury.
- For additional information, see [FAQ here](#).

Installing the asset tracker

Installation video

How to Install the Geotab GO Anywhere™ Asset Tracker

For additional information, see [FAQ here](#).

Activating the device

IMPORTANT: Remember to Activate your GO Anywhere OUTSIDE, where there is clear line of sight for both GPS and Cellular coverage. Failing to do so may result in the device not activating as expected.

Remove the Remove to Activate strip located on the top of the unit. Once the strip is removed, the following LED sequence should appear:

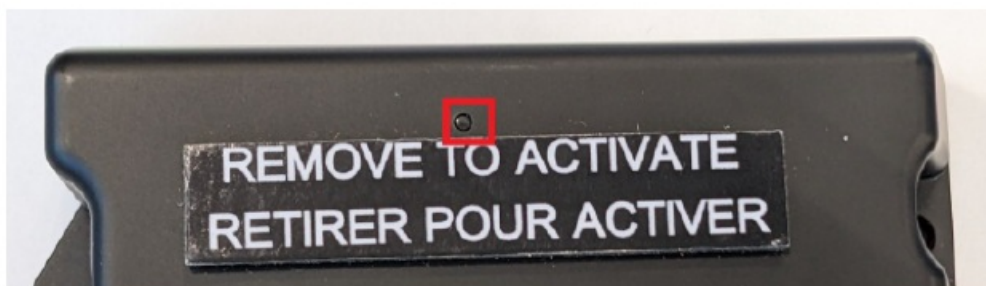
- The Green LED turns on as soon as the magnetic strip is removed.
- The Green LED blinks until a successful communication is established, and then turns solid for 15 seconds.

In order to activate, the device must be within the operating temperature limits, voltage limits, and have suitable cellular coverage.

Reapplying magnetic strip to initiate another activation attempt

If the activation attempt is unsuccessful, the LED turns red for 15 seconds, after which the device returns to a pre-activation state and waits for another activation attempt. In the event of an unsuccessful activation, the magnetic strip needs to be reapplied for 5 seconds.

Reapply the Remove To Activate magnet to the device. It should be placed just below the LED. Ensure not to cover the LED but be centrally located over the LED.



* NOTE: Place the magnetic strip approximately 13 to 14 mm from the bottom edge of the device. For additional information, see [FAQ here](#).

Selecting a mounting location

Select a suitable mounting location on the asset for the GO Anywhere device. The GO Anywhere device can be mounted on the top, front, back or sides of the asset. A suitable mounting location:

- Provides clear exposure to the sky for the GNSS antenna to latch faster.

- Provides a flat surface to attach the asset tracker.
- Is installed on an area of the Asset that minimizes vibration

* NOTE: The surface of the GO Anywhere with the product label is the bottom.

Determining the mounting method

Screws

If you are able to install the GO Anywhere device using screws, use the #10 self-drilling screws along with the provided mounting kit to install the GO Anywhere.

* NOTE: If you are using screws to install the GO Anywhere, you must install the device on a flat surface on the outside of the asset.

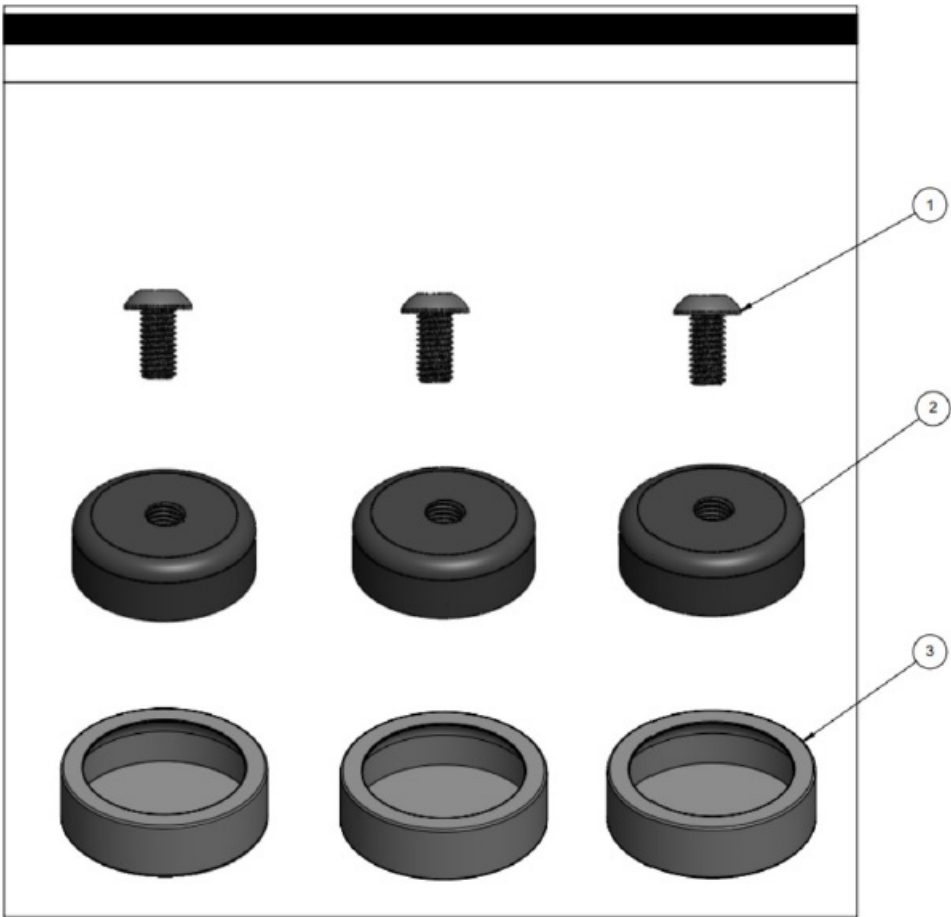
If you are installing the GO Anywhere device to the top of a fiberglass trailer, it is recommended that you bolt the unit.

IMPORTANT: If you bolt down the device, we recommend that you do not place silicone around the device. The silicone may prevent the device from ventilating properly, and may cause the device to overheat.

Magnets

Item Description Quantity

1	3/8", #10-32 Threadlocking Screw	3
2	1" DIA, #10-32 Thread, 40M Neodymium magnet	3
3	1" DIA rubber boot for magnet	3



WARNING! The magnets may cause serious injury if ingested. Keep away from children.

CAUTION! The magnets produce a strong magnetic field that can adversely impact magnetic media (for example, credit cards) and small electronics. Exercise caution, and avoid close contact with the magnets to safeguard the electronics.

WARNING! The magnets are strong, and may cause harm if mishandled. Always slide the magnets when trying to separate or join them to avoid personal injury or damage.

The following tools are required for magnetic installation:

- Phillips screwdriver, #2 drive
- 3/8" socket wrench

Assembling the magnet mounting kit

1. Align the magnet with the mounting holes in the enclosure.
2. Using a #2 Phillips screwdriver, insert the 3/8" long, thread locking screw through the enclosure and into the magnet.



3. Fit the rubber boot over the magnet.
4. Hold the magnet with your hand and tighten the screw to approximately 16 in-lbs of torque.

* NOTE: Avoid over tightening the screw, as this may damage the magnet or the plastic case. Repeat these steps for each mounting hole.

Important safety information and limitations of

WARNING: Cancer and Reproductive Harm – [www P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Regulatory statements

Warning: RF Exposure Compliance

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. Users and Installers must be provided with antenna installation instruction and transmitter operating conditions for satisfying RF exposure compliance.

Canada

CAN ICES-003 (B) / NMB-003 (B)

This device contains license-exempt transmitters/receivers that comply with Innovation, Science and Economic Development Canada's license-exempt RSSs. Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

USA

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

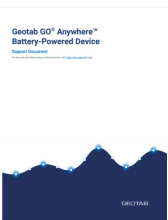
* **NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on. The user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by Geotab could void the user's authority to operate the equipment.

Documents / Resources

	<p>GEOTAB Anywhere Battery Powered Device [pdf] User Guide Anywhere Battery Powered Device, Battery Powered Device, Powered Device</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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