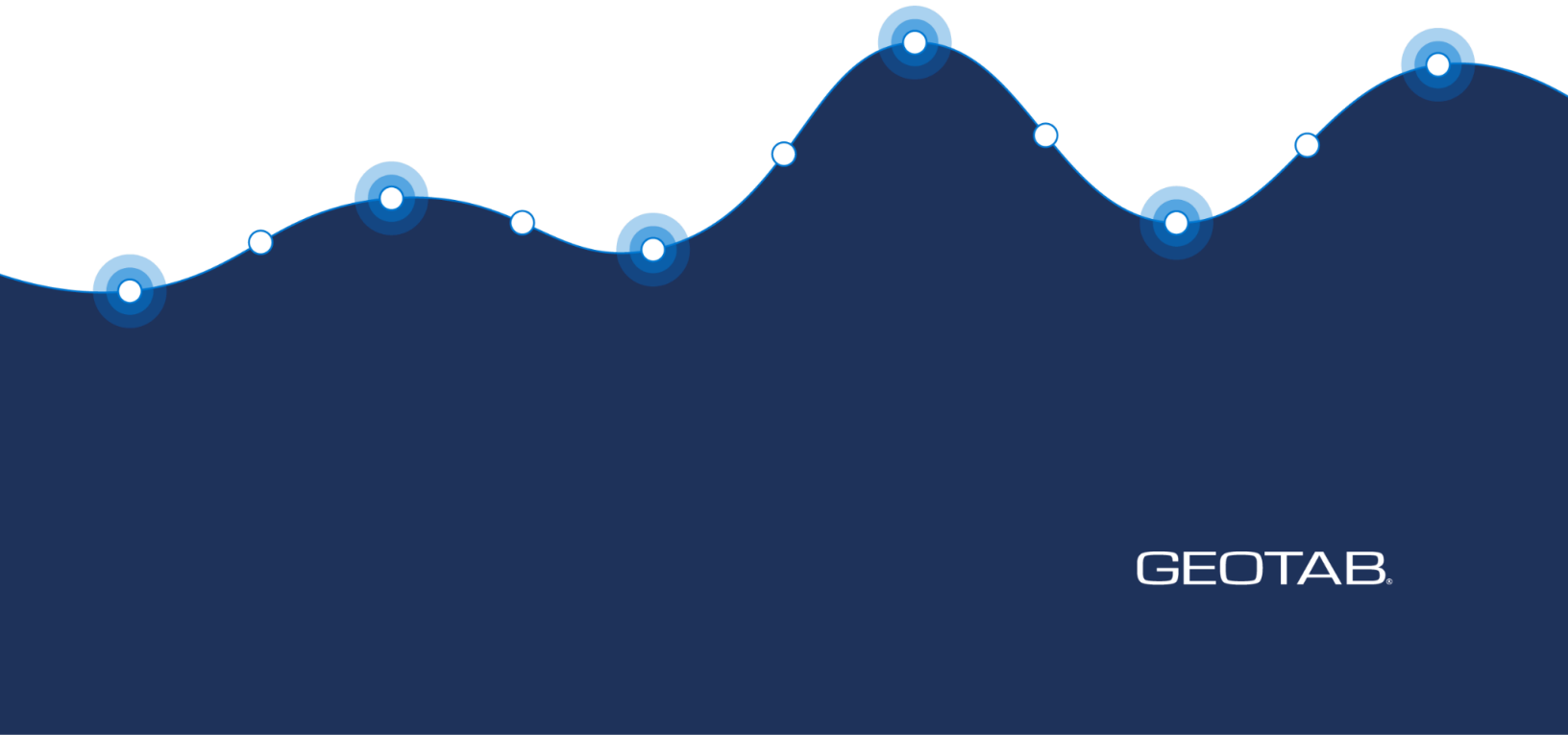
Geotab GO® Anywhere™ 2

Next-Generation Asset Tracker Support Document

For the most up-to-date version of this document, visit this link.



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Product overview

GO Anywhere is a versatile and robust global asset tracker designed for a wide range of powered and non-powered assets, including trailers, containers, and heavy equipment.

The device provides deep insights into asset utilization by monitoring movement, trip history, and distance traveled (odometer), alongside ignition (engine hours) for maintenance scheduling. For precise location tracking, it includes a High Frequency Mode for enhanced recovery efforts.

With unique direct-to-cell technology (available through select partners), it ensures reliable tracking even in areas without cellular coverage.

Getting started

Key features

Built for the Toughest Jobs

Engineered to perform in harsh conditions, ensuring your assets are always monitored, no matter the environment.

All-Weather Durability: IP67/69K certified to protect against dust, water immersion, and high-pressure spray.

Expanded Temperature Range: Operates reliably in extreme temperatures from -40°C to +85°C (-40°F to +185°F).

Always Connected, Anywhere

Stay in control with next-generation connectivity that works even when your assets are off the grid.

Global Deployment: Purpose-built models for North America and Global deployment ensure seamless international operation

Satellite Communication: A groundbreaking feature that allows the device to communicate in remote areas that lack traditional cellular coverage, so you never lose sight of your assets. (*Select Partners)

Precise Tracking, Swift Recovery

Flexible Tracking Modes: Choose from multiple reporting options to balance battery life and data freshness, including Movement: Delayed Updates, Movement: Immediate Updates, and Time-based schedules.

High-Frequency Update: If an asset is missing, activate this mode for more frequent location updates (every 15 minutes while in motion) to accelerate asset recovery.

Know More Than Just Location

Go beyond GPS with advanced insights that provide a complete picture of your asset's status and handling.

Ignition & Engine Hours: Use the wired harness option to monitor ignition status and engine run time for preventative maintenance scheduling.

Built to Last, Easy to Maintain

Designed for long-term deployment with a focus on reducing total cost of ownership and maximizing uptime.

Long-Life, Field-Replaceable Battery Life: (optimized by wired power)
Engineered for an operational life of 3-5 years, and allows for easy in-field battery replacement to maximize uptime.

Easy Installation: Mounts quickly on any asset using screws or magnets.

One Platform for Your Entire Operation

Integrate your assets seamlessly into MyGeotab for a complete, unified overview of your fleet and equipment.

Single Dashboard View: Manage both your vehicles and assets in one place for streamlined operations.

Powerful Analytics: Leverage customizable reporting, rules, and alerts to optimize asset utilization, security, and maintenance.

Quick start guide (device activation/setup)

Refer to the GO Anywhere Quick Start Guide for installation information such as how to activate the GO Anywhere, what the LEDs mean, where to verify activation, and how to get started with the device.

Device functionality

The GO Anywhere device can operate in two configurations depending on its installation: battery-only and wired.

Battery-only device functionality

When the GO Anywhere device does not have external wired power available, Customers can choose to place the device in one of three device modes:

- Movement: delayed updates
- Movement: immediate updates
- Time
- High frequency mode

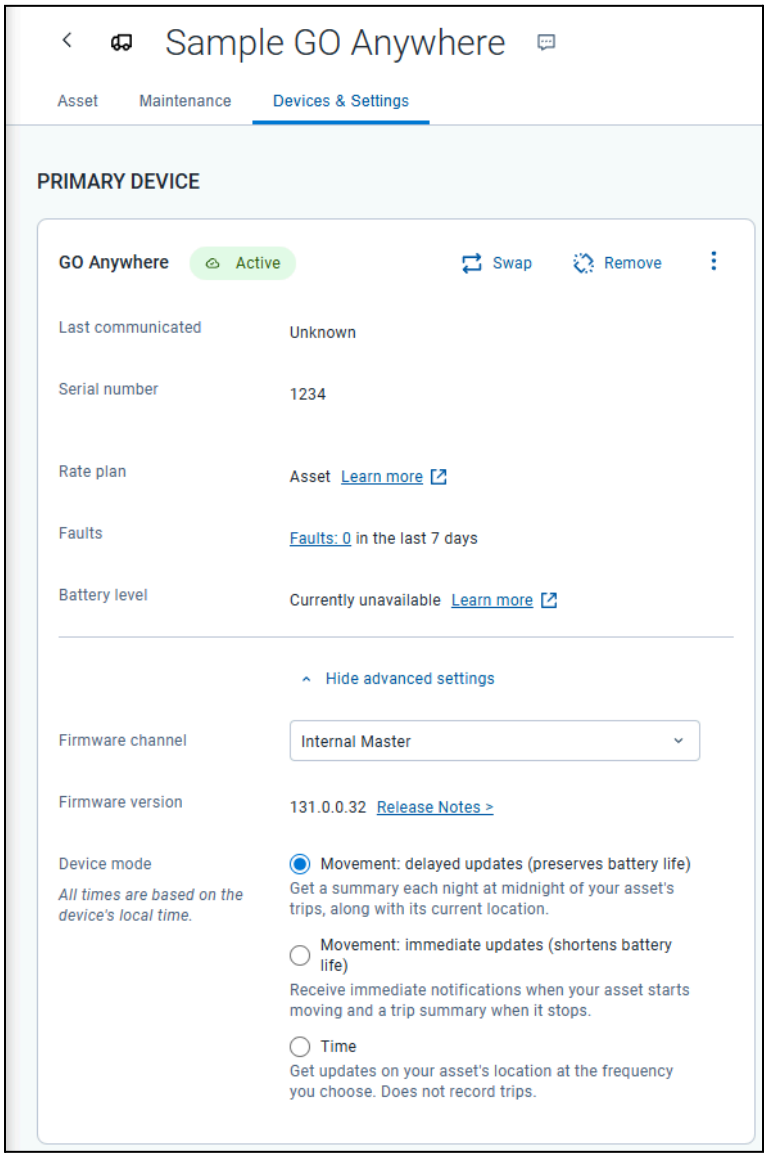
	Movement: delayed updates	Movement: immediate updates	Time
Device mode overview	Monitors asset movement Uploads trip summaries once/day Most battery-optimized	Monitors asset movement Provides updates when an asset starts moving Uploads trip summaries and trip end details at completion of trip Most battery-intensive	Provides asset location updates at a Customer-specified frequency
Who is it best suited for?	Assets where long battery life is a top priority and daily movement summaries are sufficient	Assets where understanding movement details quickly is important, recognizing significant battery drain as a result	Assets where periodic, specific location updates are necessary. Battery life will differ depending on customer-specified update frequency.

This section of the guide explains how to change the device mode, and describes the reporting behavior of each mode.

Changing the device mode

Here's how to change the device mode for an asset:

1. Navigate to **Assets** from the MyGeotab main menu.
2. Select the asset you want to update to go to its **Asset Details** page.
3. Go to the **Devices & Settings** tab, and then under **GO Anywhere**, click **Show advanced settings**.
4. Under the advanced settings, select the **Device mode** using the radio buttons and then click **Save** at the top right.



Movement: delayed updates

This is the default device mode. In this mode, the GO Anywhere provides you daily summaries of asset movement while maximizing battery life, and is best for assets where long battery life is the top priority and daily summaries of asset movement are sufficient.

Specifically, this device mode follows this behavior:

- The device tracks when an asset takes a trip:

    - Trip Start is defined as when a device is moving faster than 15 km/h OR the device's displacement from its last recorded position exceeds 200m
    - During a trip, the device gathers location data every 30 minutes
    - Trip End is defined as when an asset is stationary for 1 hour or more
- The device stores all information for trips that occur over the course of a 24 hour period. The device will then upload all trip information to MyGeotab at 12:00 AM (Midnight)
- If a device is stationary, it will update its location in MyGeotab every 7 days at 12:00AM (Midnight)

✱ **NOTE**: All times are in respect to the device's local time zone. Due to network bandwidth considerations, the device may update up to 15 minutes ahead of the times chosen.

Movement: immediate updates

This mode provides near-real-time updates on when trips start and end, along with trip history shortly after completion. This mode is best for assets where knowing when a trip starts/ends relatively quickly is important, recognizing the increased battery usage as a result.

In particular, keep in mind that reporting frequency is based on the specific asset's use case - for example, if an asset takes very frequent trips, this mode is not recommended as it will result in increased battery drain.

Specifically, this device mode follows this behavior:

- The device will update its location when movement is detected (Trip Start). This update allows users to understand in MyGeotab that an asset is currently in motion.
    - Trip Start begins when a device is moving faster than 15 km/h OR the device's displacement from its last recorded position exceeds 200m
    - During a trip, the device gathers location data every 30 minutes and stores this information for upload at the trip end
    - Once the device detects that a trip has ended (asset is stationary for 1 hour or more), the device updates all stored data gathered from a trip
- If a device is stationary, it will update its location in MyGeotab every 7 days. The specific update time is determined from the end of the last trip.

Time

This device mode provides predictable location updates at user-defined intervals, regardless of movement. The device updates its location based on the time and frequency you set in MyGeotab; regardless of the device being in motion or stationary. This mode is recommended for assets that require periodic location updates at specific, known times, and where trip tracking is not necessary. Battery life will differ depending on customer-specified update frequency.

This device mode reports at user-specified intervals of every 8, 12, 24, or 48 hours. These intervals begin at the selected time of day.

✱ **NOTE**: All times are in respect to the device's local time zone. Due to network bandwidth considerations, the device may update up to 15 minutes ahead of the times chosen.

High frequency mode

GO Anywhere also has a **High Frequency Mode** to give you more up-to-date visibility into your asset's location. When

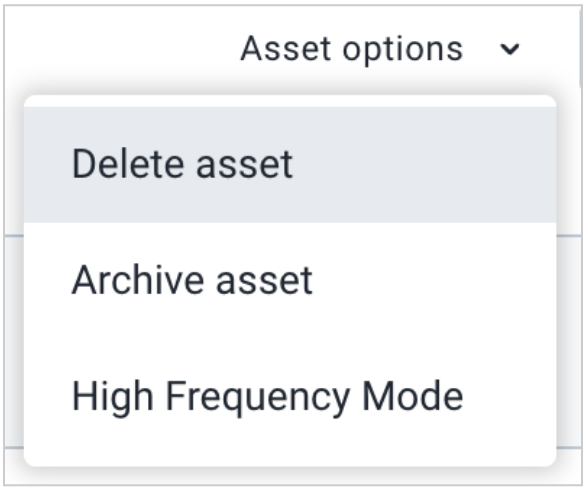
enabled, this feature increases the update frequency to every 15 minutes while an asset is moving.

While enabled, this feature results in a significant impact on battery life. As a result, **this feature is automatically disabled after 72 hours**.

Here's how to enable or disable this feature:

1. Navigate to **Assets** from the MyGeotab main menu.
2. Select the asset you want to update to go to its **Asset Details** page.
3. Click **Asset Options** > **High Frequency Mode**.
4. Switch the **High Frequency Mode** toggle **On** or **Off**.

! IMPORTANT: Once enabled, the 15-minute update frequency does not apply until the next time the device connects to MyGeotab.



Battery insights

MyGeotab provides battery insights about your GO Anywhere: both the device's State of Charge (SOC) and Estimated Life Remaining.

- State of Charge (%): Calculated based on energy utilization onboard the device for operations such as GPS location and cellular upload.
- Estimated Life Remaining (Days, Months, Years): Calculated based on the average battery usage of each GO Anywhere device over a period of 31 days. **Important notes** about estimated life remaining:
    - Changes to a device's reporting mode take approximately 31 days to be reflected in MyGeotab.
    - Changes in device operation or environmental factors can affect estimations.
    - If there is insufficient data for a given device, Geotab will estimate remaining battery life based on an average of utilization of all devices.
    - **Currently Unavailable** is a temporary status which will typically resolve within three days of a device being added to MyGeotab, as Geotab's data pipelines discover new devices.

Wired device functionality

When wired, GO Anywhere utilizes Geotab's patented tracking algorithm to accurately recreate asset trips and provide insights into an asset's health, including insights on asset battery voltage and ignition events. Wired connectivity also allows the GO Anywhere to utilize the host asset's battery, prolonging device lifetime.

Detailed trip and ignition information empower MyGeotab to provide customers with an accurate understanding of insights such as odometer/hubometer for vehicles and trailers, or engine hours for equipment. GO Anywhere's power and ignition lines are isolated, and can also support negative battery disconnect equipment use cases with the appropriate device harness.

Devices will fall back to battery-only configuration when wired power is unavailable, or if an asset's battery is deemed too low for operation. Some examples of installations and expectations:

Powered equipment	Trailers
GO Anywhere utilizes Geotab's tracking algorithm to recreate trips regardless of vehicle ignition, as wired power is always available via the asset's battery GO Anywhere changes to battery-only configuration when the asset's battery is too low	GO Anywhere utilizes Geotab's tracking algorithm to recreate trips when the trailer is connected to a truck which is running GO Anywhere changes to battery-only configuration when the trailer is disconnected or the connected truck is off

Direct-to-cell

✱ **NOTE**: The GO Anywhere's Direct-to-cell capabilities are only available through select partners with enabled SIM cards.

GO Anywhere has direct-to-cell capabilities, providing asset visibility in areas where the device can communicate over satellite connection but cannot communicate over a cellular network. When communicating over satellite, the device's behavior changes:

Battery-Only	Wired
The GO Anywhere behaves based on its selected battery-only device mode, communicating over the satellite network. No changes to operation.	The GO Anywhere continues to log the full range of asset insights that it is capable of. However, only the following events are uploaded while on satellite connectivity: • Ignition ON/OFF records • Asset line-in voltage • GPS location information, every 15 minutes while moving Once cellular connectivity is reestablished, the GO Anywhere will upload all other logs stored onboard the device, including all GPS route logs.

Security

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

- The GO Anywhere network interfaces use authentication, data-in-transit encryption (not data at rest), 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.

Support and troubleshooting

You can manually initiate a health check that forces the GO Anywhere to perform a set of diagnostics and upload results to MyGeotab. To perform a manual health check, press the button on the device and observe the LED behavior:

	LED State	What's going on?
	Slow flash	**Activation in progress** *Do not unplug or touch the device.*
	Solid for 15 seconds	**Device on and working** Device is wired, ignition is detected *No action required.*
	Fast flash for 15 seconds	**Device on and working** Device is battery-only, or wired and ignition is not detected *No action required.*
	Flash every 15 seconds	**No GPS signal** *Move device to be in sky view.* *Press button to re-attempt activation.*
	x2 flash for 15 seconds	**No (or weak) cell service** *Move asset to an area with cellular coverage.* *Press button to re-attempt activation.*

Technical specifications

Cellular	**GATAA1** • LTE (CAT-1bis): Bands 2, 4, 5, 12, 13, 14, 25, 66 Antenna: LTE single antenna

SIM	4FF Nano SIM tray
GNSS Receiver	GNSS engine (GPS/Galileo/GLONASS/BDS) • 1 to 2 second Time-To-First Fix for hot and aided starts • Cold start: ~ 35s • Concurrent 4 constellations with SBAS • Accuracy: ~1.0m 2DRMS • Acquisition Sensitivity: -149dBm • Tracking Sensitivity: -167dBm • OTA FW updates supported Antenna: Dual Band GNSS
Accelerometer	3-axis accelerometer • 3D accelerometer. Full-scale acceleration range of ±16 g • Acceleration output data rate of maximum 800 Hz.
Battery	Long-lasting battery (up to 3-5 years depending on use) with a health indicator, intelligent sleep mode, and energy-efficient design. Li-$SOCL_2$ Battery Pack (non-rechargeable) Rating: 3.6 V_{DC}, 5.4 Ah ✱ **NOTE**: The batteries are replaceable, contact your Geotab partner for a replacement battery kit. Follow proper battery disposal procedures. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, can result in an explosion
IP rating	IP67 and IP69K
Mechanical	Maximum size: 125 mm L x 71 mm W x 30 mm H Weight: 207 g (0.46 lbs) Housing: Polycarbonate (PC) thermoplastic two-piece housing (Flammability rating: UL 94 V-0)
Environmental	**Operating Temperature** -40°C to +85°C
Compliance	FCC, ISED, PTCRB, NDAA, TAA
Electrical	**Power In Voltage**: +12 VDC and +24 VDC systems supported ISO 7637-2 and 16750-2 Protection Current:

	At 12 V • Peak power, 300 mA @ 12 V or 3.6 W Max • Typical power, 60 mA @ 12 V or 0.72 W Average At 24 V • Peak power, 150 mA @ 24 V or 3.6 W Max • Typical power, 30 mA @ 24 V or 0.72 W Average Battery Only • Peak power, 1 A @ 3.6 V or 3.6 W Max • Typical power, 120 uA @ 3.6 V or 0.432 mW Average **Ignition Sense In Voltage**: +12 VDC and +24 VDC systems supported Voltage Input Range: +5 to +32 VDC ISO 7637-2 and 16750-2 Protection Current: At 12 V • Typical power, 1.8 mA @ 12 V or 21.6 mW Average At 24 V • Typical power, 3.8 mA @ 24 V or 91.2 mW Average

Warranty

For full warranty terms, see the Geotab Limited Warranty Statement.

Important safety information and limitations of use

You must always select the right Telematics hardware suitable for your specific installation environment and vehicle use.

For the latest version of the Limitations of Use, please visit: https://gtb.link/k6Fp0w.

NOTICE: This product does not contain any user-serviceable parts. Configuration, servicing, and repairs must only be made by an authorized reseller or installer. Unauthorized servicing of these products will void your product warranty.

Professional Installation Required — Installation of this product requires that the installer have sufficient technical knowledge and expertise for mobile device installation and integration into modern vehicles, i.e. Certified Geotab Installer certification or equivalent.

Read important related safety information and Limitations of Use following these installation instructions. Read and follow all instructions and warnings to prevent serious injury and/or vehicle damage.

WARNING! Some installations are not straightforward and must be completed by an Authorized Installer to ensure a secure installation. Some examples requiring professional installation from an Authorized Installer include if the device may not be fully secured and could vibrate loose, get knocked or if the installer questions their ability to complete a secure installation according to these instructions.

WARNING! Prior to Go Anywhere installation, read and follow important safety information including limitations of use located following these installation instructions. Always read and follow all safety information to prevent loss of vehicle control and serious injury.

WARNING! Do not attempt to install, reconfigure, or remove any product from a vehicle while the vehicle is in motion or otherwise in operation. All installation, configuration, or removal must be done only in stationary vehicles which are securely parked. Attempting to service devices while the vehicle is in motion could result in malfunctions or collisions, leading to death or serious personal injury.

WARNING! To prevent risk of fire or damage to the asset, the external power harness must be connected to an appropriately fused circuit. Failure to use a correctly fused power source can lead to an overcurrent condition, resulting in serious damage to the asset's electrical system and/or risk of fire.

CAUTION! The device may become hot to the touch during operation, particularly when externally powered in high-temperature environments. Exercise caution when handling the device after extended use to avoid the potential for minor burns.

CAUTION! To prevent equipment damage and ensure reliable operation, do not install the device where it may be exposed to corrosive chemicals or fuels. Such exposure can damage the housing and internal components, compromising the device's integrity and voiding the warranty.

WARNING! Do not subject this product to powerwashing. Failure to do so may result in units malfunctioning or short-circuiting, which can lead to a fire hazard and cause loss or serious injury.

NOTE! *Always get permission before you drill, and inspect the area to ensure no adjacent equipment will sustain any damage.*

WARNING! To prevent risk of fire, explosion, or chemical leakage, use only Geotab-approved replacement batteries. The use of unauthorized or incompatible batteries will void the product warranty and can lead to device failure or a safety hazard.

WARNING! Do not use a battery that is leaking, damaged, or deformed. Handle compromised batteries with appropriate personal protective equipment to avoid chemical burns. Dispose of damaged batteries immediately according to local hazardous waste regulations.

WARNING! Do not short-circuit the battery terminals. Allowing the terminals to come into contact with metallic objects can cause rapid overheating, leakage, or explosion, resulting in serious injury or fire.

NOTICE: The Geotab GO Anywhere is a monitoring device and is not a failsafe anti-theft or life-saving system. Device functionality depends on factors including battery charge, available GPS and cellular coverage, and proper installation. Do not rely on this device for emergency situations or as the sole means of asset security.

Regulatory statements

Warning: RF Exposure Compliance

This equipment complies with FCC and ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. In order to avoid the possibility of exceeding the FCC and ISED RSS-102 radio frequency exposure limits, this equipment should be installed and operated with minimum distance 20 cm (7.9 inches) between the antenna and your body during normal operation. Users must follow the specific operating instructions for satisfying RF exposure compliance.

Cet équipement est conforme aux limites d'exposition aux rayonnements FCC et ISED CNR-102 établies pour un environnement non contrôlé. Cet émetteur ne doit pas être installé ou utilisé en conjonction avec une autre antenne ou un autre émetteur. Afin d'éviter la possibilité de dépasser les limites d'exposition aux radiofréquences FCC et ISED, cet équipement doit être installé et utilisé avec une distance minimale de 20 cm (7.9 pouces) entre l'antenne et votre corps pendant le fonctionnement normal. Les utilisateurs doivent suivre les instructions spécifiques d'utilisation pour respecter la conformité à l'exposition aux RF.

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 RSS(s). 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.

This device complies with the Canadian ICES-003 Class B specifications. CAN ICES-003 (B).

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempt de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

USA

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

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

✱ **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.

⚠ **WARNING**: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.