

GLO™ GLONASS and GPS Sensor Instructions



Made for



iPod



iPhone



iPad

Installing the Battery

WARNING

This product contains a lithium-ion battery. See [page 5](#) for important battery safety information.

- 1 With your thumbnail, slide the battery cover release tab **1** toward the end of the sensor.



- 2 Remove the battery cover **2**.
- 3 Locate the metal contacts on the end of the lithium-ion battery.
- 4 Insert the battery **3** so the metal contacts on the battery align with the metal contacts inside the battery compartment.
- 5 Press the battery down into place.

- 6 Replace the battery cover by inserting the tabs into the notches and pressing the battery cover closed.

The release tab locks the cover in place.

Replacement Battery

You can purchase a replacement battery (010-10840-00) at <http://buy.garmin.com>.


Charging the Battery

You can use the sensor while you are charging it.

- 1 Plug the small end of the power cable into the mini-USB connector on the end of the sensor.
- 2 Plug the other end of the power cable into an appropriate source of power for the cable type.

It takes about three hours to charge the battery. A fully charged battery lasts about 12 hours.

Pairing the Sensor

- 1 Hold  to turn on the sensor.
- 2 Turn on the other device and enable the Bluetooth component.
You can refer to the device's documentation for specific instructions about enabling Bluetooth wireless technology.
- 3 Bring the sensor within 30 feet (10 meters) of the mobile device.
- 4 Using the mobile device, pair the sensor with the mobile device.

The sensor PIN is **1234**.

The blue LED flashes slowly or is on solid when the sensor is connected to the other device.

If the sensor has not established a Bluetooth connection for several minutes, it turns off automatically.

Bluetooth LED Status

LED	Description
Rapid flashing blue	Power on, Bluetooth on

Solid blue	Bluetooth connection to the mobile device established, satellites not acquired
Slow flashing blue	Bluetooth connection to the mobile device established, satellites acquired

Power LED Status

LED	Description
Flashing yellow/green	Charging
Solid yellow/green	Battery is charged
Flashing orange	Low battery
Solid orange	Faulty battery or system error

Acquiring Satellite Signals

- 1 Ensure that the blue LED on the sensor is slowly flashing blue or on solid blue, indicating a wireless connection.
- 2 Place the sensor where it has a clear view of the sky.

Acquiring satellite signals may take a few minutes.

Customizing Your Mobile Device's Settings

Set your mobile device's auto-off and other power management settings to be suitable for your navigation experience. Refer to the mobile device's documentation for instructions.

Product Compatibility

Made for iPod® touch (4th generation), iPod touch (3rd generation), iPhone® 4S, iPhone 4, iPhone 3GS, iPad® 2, and iPad.

"Made for iPod, iPhone, iPad" means that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

The GLO sensor is also compatible with many Android®, Windows® or Blackberry® smartphones, tablets and notebook computers.

When using the GLO GPS/GLONASS sensor with an Android device, you may need to use an application to allow the sensor to properly communicate with the Android system over Bluetooth technology. The application will allow the Android system to accept non-system (or mock) GPS/GLONASS signals.

Registering the Device

- Go to <http://my.garmin.com>.
- Keep the original sales receipt, or a photocopy, in a safe place.

Specifications

Case: Rugged, but not water-resistant

Power Supply: Rechargeable lithium-ion battery, 12 hours (typical use)

Update Rate: 10 Hz, but not all mobile devices support a 10 Hz update rate.

Vehicle Power Cable* Input Voltage: 12–28 Vdc (*available in some packages)

Operating Temperature: -4°F to 140°F (-20°C to 60°C)

Charging Temperature: 32°F to 113°F (0°C to 45°C)

Short-Term (1 month) Storage

Temperature: -4°F to 140°F (-20°C to 60°C)

Long-Term (1 year) Storage

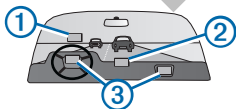
Temperature: -4°F to 68°F (-20°C to 20°C)

Important Safety and Product Information

WARNING

Installation Warnings

When installing the device in a vehicle, place the device securely so it does not obstruct the driver's view of the road **①** or interfere with vehicle operating controls, such as the steering wheel, foot pedals, or transmission levers. Do not place unsecured on the vehicle dashboard **②**. Do not place the device in front of or above any airbag **③**.



Battery Warnings

If these guidelines are not followed, the batteries may experience a shortened life span or may present a risk of damage to the unit, fire, chemical burn, electrolyte leak, and/or injury.

- Do not leave the unit exposed to a heat source or in a high temperature location, such as in the sun in an unattended vehicle. To prevent the possibility of damage, remove the device from the vehicle or store it out of direct sunlight, such as in the glove box.
- Do not use a sharp object to remove the batteries.
- Do not puncture or incinerate the device or battery.
- Keep the batteries away from children.
- Do not disassemble, puncture, or damage the batteries.
- If using an external battery charger, only use the Garmin accessory approved for your product.
- Only replace the battery with the correct replacement battery. Using another battery presents a risk of

fire or explosion. To purchase a replacement battery, see your Garmin dealer or the Garmin website.

- When storing the device for an extended time, store within the following temperature range: from -22° to 140°F (from -30° to 60°C).
 - Do not operate the device outside of the following temperature range: from 14° to 140°F (from -10° to 60°C).
 - Contact your local waste disposal department to dispose of the device/ battery in accordance with applicable local laws and regulations.
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Navigation Warnings

Use this unit only as a navigational aid. Do not attempt to use the unit for any purpose requiring precise measurement of direction, distance, location, or topography. This product should not be used to determine ground proximity for aircraft navigation.

Product Environmental Programs

Information about Garmin's product recycling program and WEEE, RoHS, REACH, and other compliance programs

can be found at www.garmin.com/aboutGarmin/environment.

Declaration of Conformity

Hereby, Garmin, declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. To view the full Declaration of Conformity, go to www.garmin.com/compliance.

FCC Compliance

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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 may cause harmful

interference to radio communications if not installed and used in accordance with the instructions. 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 of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet that is on a different circuit from the GPS unit.
- Consult the dealer or an experienced radio/TV technician for help.

This product does not contain any user-serviceable parts. Repairs should only be made by an authorized service center. Unauthorized repairs or modifications could result in permanent damage to the equipment, and void your warranty and your authority to operate this device under Part 15 regulations.

Industry Canada Compliance

Category I radiocommunication devices comply with Industry Canada Standard RSS-210. Category II radiocommunication devices comply with Industry Canada Standard RSS-310. This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Limited Warranty

Garmin's standard limited warranty applies to this accessory. For more information, go to www.garmin.com/support/warranty.html.

www.garmin.com/support



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