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Garmin 010-02184-01

Garmin GLO 2 GPS and GLONASS Receiver User Manual

Model: 010-02184-01 | Brand: Garmin

Introduction

The Garmin GLO 2 receiver is designed to provide precise position information to your mobile devices, such as iPads, iPhones, or Android devices, by combining GPS and GLONASS satellite receivers with Bluetooth wireless technology. This manual provides essential information for setting up, operating, and maintaining your GLO 2 device.

What's in the Box

- Garmin GLO 2 Receiver
- USB Cable
- 12/24 V Vehicle Power Cable (CLA Adapter)
- Rechargeable Battery (1 LR44)



Figure 1: Front of the Garmin GLO 2 packaging, showing the brand logo and product name.

Key Features

- Connects wirelessly to mobile devices: iPad, iPhone and other Bluetooth enabled smartphones, tablets and laptops to provide precise position information.
- Combines GPS and GLONASS satellite receivers for precise location data with Bluetooth Wireless Technology.
- It has up to 13 hours of battery life to keep your position on long trips.
- Suitable for pilots, mariners, hiking, cycling and the automotive industry.
- Charge Garmin Glo 2 easily with the included USB cable or optional 12/24 V vehicle power cable.

Setup

1. Charging the Device

Before initial use, fully charge your Garmin GLO 2. Connect the included USB cable to the GLO 2 and a power source

(e.g., computer USB port, USB wall adapter). Alternatively, use the provided 12/24 V vehicle power cable for charging in a vehicle. The amber light on the device will flash while charging and turn solid when fully charged.

2. Pairing with Your Mobile Device

1. Ensure your mobile device's Bluetooth is enabled.
2. Turn on the Garmin GLO 2. The blue light will flash, indicating it's discoverable.
3. On your mobile device, navigate to the Bluetooth settings.
4. Select "Garmin GLO 2" from the list of available devices to pair. Once connected, the blue light on the GLO 2 will become solid.
5. For optimal performance with certain mapping applications, it may be beneficial to disable Wi-Fi on your mobile device after pairing, as demonstrated in some user scenarios.

3. Satellite Acquisition

Place the GLO 2 in a location with a clear view of the sky, such as on your vehicle's dashboard. The green light on the device will flash while acquiring satellite signals and turn solid once a GPS/GLONASS fix is established. The GLO 2 can connect to up to 24 more satellites than GPS-only devices, allowing for faster acquisition and more stable connection.



Figure 2: Top view of the GLO 2, illustrating its compact design and indicator lights for status.





Figure 3: Side view of the GLO 2, showing its portable form factor.

Operating the Device

Once paired and with a satellite fix, the Garmin GLO 2 will automatically provide precise location data to compatible mapping and navigation applications on your mobile device. The device updates its position 10 times per second, ensuring smooth and accurate tracking, even at high speeds.
For best performance, ensure the GLO 2 has an unobstructed view of the sky. While it can maintain connection in challenging environments, direct line of sight to satellites is always recommended.

Maintenance

- **Cleaning:** Wipe the device with a soft, damp cloth. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the GLO 2 in a cool, dry place when not in use. If storing for extended periods, ensure the battery is partially charged (around 50%) to prolong its lifespan.
- **Battery Care:** Recharge the battery as needed. The device has a battery life of up to 13 hours.

Troubleshooting

Issue	Possible Cause	Solution
Device not pairing via Bluetooth	Bluetooth is off on mobile device; GLO 2 is off or out of range; interference.	Ensure Bluetooth is enabled on your mobile device. Turn GLO 2 off and on. Move closer to the GLO 2. Restart both devices.
No satellite signal (green light flashing)	Obstructed view of sky; initial cold start.	Move the GLO 2 to an open area with a clear view of the sky. Allow up to 5 minutes for initial satellite acquisition.
Inaccurate position data	Poor satellite signal; mobile device's internal GPS interfering.	Ensure GLO 2 has clear sky view. Try disabling your mobile device's internal GPS or Wi-Fi if applicable, to ensure the app uses the GLO 2's data.
Short battery life	Battery not fully charged; aging battery.	Fully charge the device before use. If battery life significantly degrades, consider replacing the battery.

Specifications

Attribute	Detail
Model Name	GLO 2
Item Model Number	010-02184-01
Brand	Garmin
Product Dimensions	2.99 x 1.65 x 0.7 inches
Item Weight	1.41 ounces
Connectivity Technology	Bluetooth
Batteries	1 LR44 battery (included)

Attribute	Detail
Manufacturer	Garmin
Date First Available	December 21, 2018

Warranty and Support

For warranty information and technical support, please refer to the official Garmin website or contact Garmin customer service. Keep your purchase receipt for warranty claims.
Online Resources: www.garmin.com

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