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Garmin 010-12094-20

Garmin Varia Remote User Manual

Model: 010-12094-20

1. Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your Garmin Varia Remote (Model: 010-12094-20). This remote is designed to enhance your cycling experience by providing convenient control over compatible Garmin Varia bike lights and radar systems.

2. Product Overview

The Garmin Varia Remote offers essential utility and cutting-edge technology for seamless control of your Varia devices. It is engineered for ease-of-use, providing a clear differentiator in managing your cycling accessories.



Figure 1: Top view of the Garmin Varia Remote. This image displays the circular remote with its primary control buttons: a headlight icon for light modes, and left and right arrow buttons for turn signals or other directional controls. A small red LED indicator is visible in the center.



Figure 2: Side view of the Garmin Varia Remote. This image highlights the compact and ergonomic profile of the remote, designed for

easy mounting and access during rides.

Key Features:

- Essential utility for controlling Varia devices.
- Leading-edge technologies for reliable performance.
- Compelling features for enhanced cycling safety and convenience.
- Exceptional ease-of-use for intuitive operation.

3. Setup and Pairing

Before using your Garmin Varia Remote, it must be properly set up and paired with your compatible Garmin Varia bike lights and/or radar system. Ensure all devices are charged and within close proximity during the pairing process.

Initial Setup:

1. **Charge the Remote:** Ensure the remote is fully charged before first use.
2. **Prepare Varia Devices:** Make sure your Garmin Varia bike lights and radar are powered on and in pairing mode. Refer to their respective manuals for specific instructions on entering pairing mode.
3. **Unpair Existing Connections (Important):** If your Varia lights or radar are currently paired with another device (e.g., a Garmin Edge computer), it is recommended to unpair them from that device first. This prevents signal conflicts and ensures a smooth pairing process with the remote.
4. **Initiate Pairing on Remote:** Press and hold the designated pairing button on the Varia Remote (refer to the remote's quick start guide for exact button location, typically the power button or a dedicated pairing button). The indicator light on the remote will flash to indicate pairing mode.
5. **Confirm Pairing:** Once the remote detects and connects to your Varia devices, the indicator lights on both the remote and the Varia devices will change to a solid state or flash in a specific pattern, indicating a successful connection.
6. **Test Functionality:** After pairing, test the remote's buttons to ensure it controls your Varia devices as expected.

For detailed pairing instructions specific to your Varia lights or radar, please consult their individual user manuals or the Garmin support website.

4. Operating the Remote

The Garmin Varia Remote provides intuitive control over your connected Varia devices. The remote features distinct buttons for various functions:

- **Headlight Button (≡D):** This button, typically located at the top, controls the modes of your connected Varia headlight. Pressing it cycles through different light modes (e.g., solid, flash, off).
- **Left Arrow Button (←):** This button, located on the left, activates the left turn signal on compatible Varia taillights. Press once to activate, press again to deactivate.
- **Right Arrow Button (→):** This button, located on the right, activates the right turn signal on compatible Varia taillights. Press once to activate, press again to deactivate.
- **Power/Indicator Light (Red Dot):** The central red dot serves as a power indicator and may also flash during pairing or low battery conditions. A small power icon ( ) might be near one of the arrow buttons, indicating the power function.

Always ensure your remote is securely mounted and within easy reach during your ride for safe operation.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your Garmin Varia Remote.

- **Cleaning:** Wipe the remote with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the surface or internal components.
- **Storage:** Store the remote in a cool, dry place when not in use. Avoid extreme temperatures and direct sunlight.
- **Battery Care:** Recharge the remote regularly, even if not used frequently, to maintain battery health. Do not expose the battery to excessive heat.
- **Water Exposure:** While the remote is designed to be water-resistant, avoid submerging it in water. Dry it thoroughly if it gets wet.

6. Troubleshooting

If you encounter issues with your Garmin Varia Remote, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Remote does not power on.	Low or depleted battery.	Charge the remote fully using the provided charging cable.
Remote does not control Varia devices.	Not paired, out of range, or signal interference.	◦ Ensure Varia devices are powered on and within range. ◦ Re-attempt the pairing process (Section 3). ◦ Ensure Varia devices are not simultaneously paired with another device (e.g., a Garmin Edge computer), as this can cause signal conflicts. Unpair from other devices if necessary.
Buttons are unresponsive.	Software glitch or physical damage.	◦ Perform a soft reset (refer to Garmin support for specific instructions if available). ◦ Inspect for physical damage. If damaged, contact Garmin support.

If these steps do not resolve the issue, please contact Garmin Customer Support for further assistance.

7. Specifications

Attribute	Detail
Brand	Garmin
Model Name	Remote, Varia
Part Number	010-12094-20
Item Weight	0.25 Pounds
Item Dimensions (LxWxH)	5.12 x 3.54 x 1.18 inches
Package Weight	0.12 Kilograms

Attribute	Detail
Material	Aluminum
Color	Multi
Max Number of Supported Devices	1 (This refers to the remote itself, not the number of Varia devices it can control. It controls multiple Varia devices as a single system.)
Compatible Devices	Garmin Varia bike lights, bike radar
Model Year	2015

8. Warranty and Support

Garmin products are designed for reliability and performance. For information regarding the product warranty, please refer to the warranty card included with your purchase or visit the official Garmin website. Warranty terms and conditions may vary by region.
For technical support, product registration, or to access additional resources such as FAQs and software updates, please visit the Garmin support portal:
www.garmin.com/support

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