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Garmin 010-02974-00

Garmin Handlebar Controller User Manual

Model: 010-02974-00

Introduction

The Garmin Handlebar Controller is designed to provide convenient and safe operation of your compatible Garmin zūmo® XT2 motorcycle navigator or Tread® device while riding. This wired controller allows you to manage map functions, music, and mark waypoints without needing to touch your primary navigation display, ensuring your hands remain on the handlebars. Its rugged, IP67 water-resistant design makes it suitable for various outdoor conditions and vehicles, including motorcycles, snowmobiles, and ATVs.



Image: Front view of the Garmin Handlebar Controller, showing its four primary buttons and wired connection.

What's in the Box

Verify that all components are present in the package:

- Garmin Handlebar Controller
- Hardware Mounting Kit (includes various size rings for different handlebar diameters)

Setup and Installation

The Handlebar Controller is designed for secure mounting on various handlebar sizes. Follow these steps for proper installation:

1. **Select Mounting Location:** Choose a location on your handlebar that allows for easy access to the controller buttons without obstructing your view or vehicle controls.
2. **Choose Appropriate Rings:** The hardware mounting kit includes rings for 7/8" (22.225mm), 1" (25.4mm), and 1-1/4" (31.75mm) handlebar diameters. Select the rings that best fit your vehicle's handlebar.
3. **Attach Controller to Handlebar:**
    - Place the selected mounting rings around the handlebar at your chosen location.
    - Align the controller with the rings and secure it using the provided screws. Ensure the controller is firmly attached and does not rotate freely.
4. **Connect to Navigator:** Route the controller's wired connection to your compatible zūmo XT2 motorcycle navigator or Tread device. Ensure the connection is secure and free from interference with moving parts.



Image: Rear view of the Garmin Handlebar Controller showing the mounting mechanism and included handlebar rings for different sizes.

Note: For optimal performance, ensure the wired connection is properly secured and protected from environmental elements.

Operating Instructions

The Handlebar Controller provides intuitive button control for various functions on your paired Garmin navigator. The buttons are designed for easy operation even with gloves on.

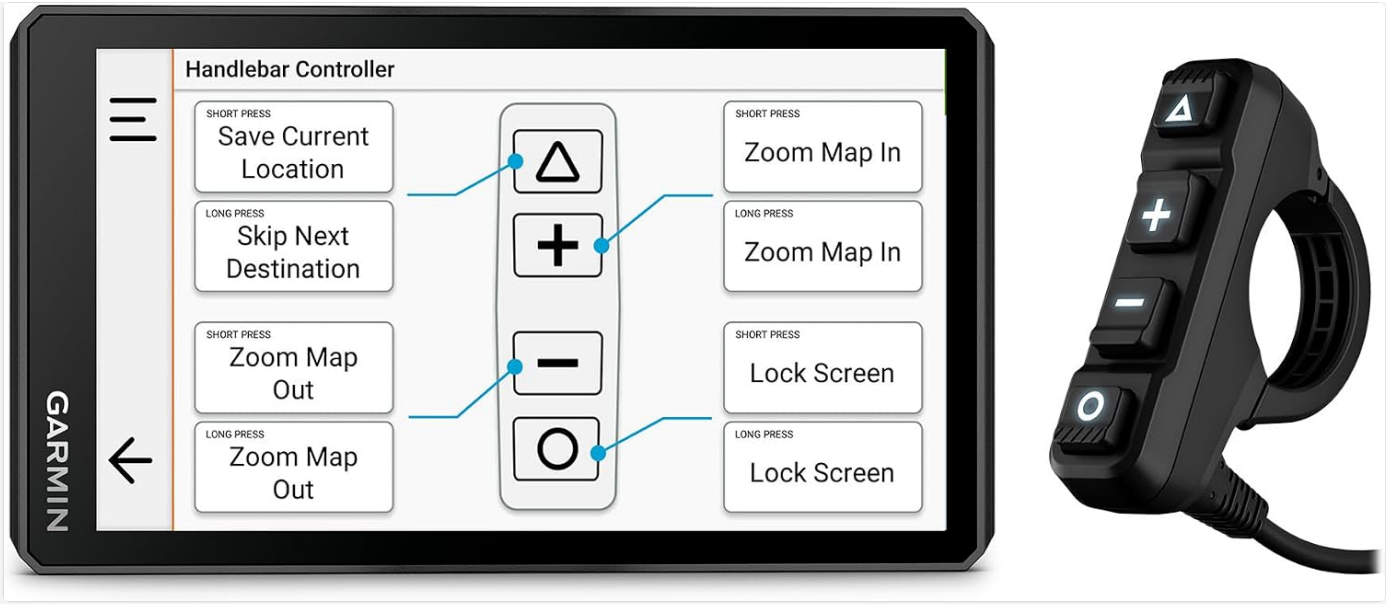


Image: Diagram illustrating the functions of each button on the Handlebar Controller for both short and long presses, displayed alongside a Garmin navigator screen.

Button Functions:

Button	Short Press Function	Long Press Function
Triangle (Top)	Save Current Location	Skip Next Destination
Plus (+)	Zoom Map In	Zoom Map In (continuous)
Minus (-)	Zoom Map Out	Zoom Map Out (continuous)
Circle (Bottom)	Lock Screen	Lock Screen (continuous)

These functions allow you to control your navigator's display and features without diverting your attention from the road or trail.



Intuitive button design makes it easy to zoom in and out of your map view. There's no need to remove your gloves or gear.

Navigator sold separately.

Image: The Handlebar Controller positioned next to a Garmin navigator screen showing a map with navigation details, demonstrating its use for map interaction.

Maintenance and Care

The Garmin Handlebar Controller is built to be rugged and is IP67 water-resistance rated, meaning it can withstand dust, dirt, and submersion in up to 1 meter of water for 30 minutes. To ensure its longevity and optimal performance, follow these maintenance guidelines:

- **Cleaning:** Wipe the controller with a damp cloth to remove dirt or debris. Avoid using harsh chemicals or abrasive cleaners, which can damage the device.
- **Storage:** When not in use for extended periods, store the controller in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Inspection:** Periodically inspect the wired connection for any signs of wear, fraying, or damage. Ensure the connection remains secure.
- **Environmental Protection:** While water-resistant, avoid prolonged submersion or high-pressure water jets directly

on the device.

Troubleshooting

If you encounter issues with your Handlebar Controller, try the following troubleshooting steps:

- **Controller Not Responding:**
  - Ensure the wired connection to your navigator is securely plugged in at both ends.
  - Check for any visible damage to the cable or connectors.
  - Verify that your navigator is powered on and functioning correctly.
- **Intermittent Functionality:**
  - Inspect the cable for any kinks or damage that might cause intermittent connectivity.
  - Ensure the controller is firmly mounted and not shifting during use.
- **Buttons Not Working:**
  - Confirm that the controller is properly connected and recognized by your navigator.
  - Ensure no debris is lodged around the buttons preventing proper depression.

If problems persist after attempting these steps, refer to the support section for further assistance.

Specifications

Model Name	HANDLEBAR CONTROLLER
Model Number	010-02974-00
Brand	Garmin
Product Dimensions	2.24 x 3.22 x 0.83 inches
Item Weight	3.15 ounces
Color	Black
Connectivity Technology	USB (Wired)
Special Features	Bluetooth (for internal communication, not direct user pairing)
Water Resistance Rating	IP67
Compatible Devices	Garmin zūmo® XT2 Motorcycle Navigator, Compatible Tread® Devices
Included in Box	Handlebar Controller, Hardware Mounting Kit

Warranty and Support

This Garmin product is covered by a limited warranty. For detailed warranty information, please refer to the warranty card included with your product or visit the official Garmin website. For technical support, product registration, or to access additional resources, please visit Garmin Support.
Always ensure you are using the latest software updates for your compatible Garmin navigator, as these may include improvements for accessory compatibility and performance.

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