Garmin 010-02759-00

Garmin Foretrex 801 Wrist-Mounted GPS Navigator User Manual

Model: 010-02759-00 | Brand: Garmin

Introduction

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Garmin Foretrex 801 wrist-mounted GPS navigator. The Foretrex 801 is designed for reliable navigation with advanced features, including multi-band GNSS, tactical modes, and connectivity options.



Image: The Garmin Foretrex 801 wrist-mounted GPS navigator, showcasing its compact design and digital display.

What's in the Box

Verify that all items listed below are included in your product packaging:

- Foretrex 801 device
- Hook and loop wrist strap
- USB-C cable
- Documentation (this manual and other guides)

Device Overview

The Foretrex 801 features a monochromatic display for optimal visibility and a robust casing designed for outdoor use. Key physical components include:

- **Display:** High-contrast monochromatic screen.
- **Buttons:** Dedicated buttons for PAGE, ENTER, DOWN, and UP functions, located below the screen for easy access.

- **Wrist Strap:** Adjustable hook and loop strap for secure wrist mounting.
- **USB-C Port:** For data transfer and power.



Image: Side profile of the Foretrex 801, highlighting its robust construction and wrist strap attachment.

Setup

1. Battery Installation

The Foretrex 801 requires 1 AA battery. To install:

1. Locate the battery compartment cover on the back of the device.
2. Twist or slide the cover to open it (refer to the device for specific mechanism).
3. Insert one AA battery, ensuring correct polarity (+ and -).
4. Securely close the battery compartment cover.

2. Attaching the Wrist Strap

The included hook and loop wrist strap can be attached to the device's integrated loops. Ensure the strap is securely fastened for comfortable and stable wear.

3. Initial Power On and Language Selection

1. Press and hold the power button (usually located on the side or top) until the device powers on.
2. Follow the on-screen prompts to select your preferred language and initial settings.

4. Pairing with Garmin Explore App

To enhance functionality and manage your adventures, pair your Foretrex 801 with the Garmin Explore smartphone app via Bluetooth.

1. Download the Garmin Explore app from your smartphone's app store.
2. Enable Bluetooth on your smartphone and on the Foretrex 801 (refer to device settings).
3. Open the Garmin Explore app and follow the instructions to add your device.
4. Confirm the pairing code on both devices.

5. Pairing with inReach Satellite Communicator (Optional)

If you own a compatible inReach satellite communicator, you can pair it with your Foretrex 801 to view messages directly on the screen. An active inReach subscription is required.

1. Ensure both devices have Bluetooth enabled.
2. Navigate to the connectivity settings on your Foretrex 801 and select "Pair inReach".
3. Follow the on-screen instructions on both devices to complete the pairing process.

Operating the Device

1. Basic Navigation and Display Screens

The Foretrex 801 utilizes multi-band GNSS for improved positional accuracy. Use the PAGE button to cycle through various data screens, such as:

- **Map Screen:** Displays your current position, tracks, and waypoints.
- **Compass Screen:** Shows direction of travel and bearing.
- **Elevation Profile:** Illustrates changes in altitude over distance.
- **Trip Computer:** Provides data like speed, distance, and time.



Image: The Foretrex 801 displaying an elevation profile, indicating current altitude and terrain changes.



Image: The Foretrex 801 displaying a navigation map with a pond, trail, and recorded tracks.

2. Tactical Features

The Foretrex 801 includes specialized modes for tactical operations:

- **Stealth Mode:** Disables GPS data storage and sharing, and turns off wireless connectivity. To activate, navigate to the main menu and select "Stealth Mode".
- **Kill Switch:** Erases all user data from the device memory for security purposes. Use with caution. To activate, navigate to the main menu and select "Activate Kill Switch".
- **Night Vision Goggle (NVG) Mode:** Adjusts the display for compatibility with night vision devices. To enable, navigate to the main menu and select "Enable NVG Mode".
- **Jumpmaster Mode:** Calculates high-altitude release points according to military guidelines. This mode requires specific setup and data input.



Image: The Foretrex 801 menu screen, showing options for tactical features such as NVG Mode, Stealth Mode, and Kill Switch.

3. Advanced Sensors

The device integrates several sensors for comprehensive environmental data:

- **3-axis Accelerometer:** Detects motion and orientation.
- **3-axis Compass:** Provides accurate heading information, even when stationary.
- **Barometric Altimeter:** Measures atmospheric pressure to determine precise altitude.

4. Smart Notifications

When paired with a compatible smartphone, the Foretrex 801 can display smart notifications (e.g., calls, texts, app alerts) directly on its screen.

Maintenance

1. Cleaning the Device

To maintain optimal performance and appearance:

- Wipe the device with a soft, damp cloth.
- Avoid using harsh chemicals or abrasive materials.
- Rinse with fresh water after exposure to saltwater.

2. Battery Replacement

Replace the AA battery when the low battery indicator appears on the screen. Refer to the "Battery Installation" section under Setup for instructions.

3. Software Updates

Garmin periodically releases software updates to improve performance and add features. Connect your device to a computer using the USB-C cable and use the Garmin Express software, or update via the Garmin Explore app when connected to your smartphone.

4. Water Rating

The Foretrex 801 has an IPX7 water rating, meaning it can withstand incidental exposure to water of up to 1 meter for 30 minutes. It is not intended for prolonged submersion or high-pressure water activities.

Troubleshooting

Device Not Powering On

- Ensure the AA battery is correctly installed and not depleted.
- Try a new battery.
- Check for any debris in the battery compartment.

Poor GPS Signal Reception

- Ensure you are in an open area with a clear view of the sky.
- Avoid dense tree cover, tall buildings, or deep canyons.
- Allow the device sufficient time to acquire satellites, especially after being off for an extended period or moved a long distance.

Bluetooth Connectivity Issues

- Ensure Bluetooth is enabled on both the Foretrex 801 and your smartphone.
- Make sure the devices are within range (typically 10 meters).
- Restart both the Foretrex 801 and your smartphone.
- If issues persist, try unpairing and re-pairing the devices.

Screen Visibility Issues

- Adjust the backlight settings in the device menu.
- Ensure the screen is clean and free of smudges or dirt.
- If using NVG mode, ensure it is correctly configured for your night vision device.

Specifications

Feature	Detail

Feature	Detail
Model Number	010-02759-00
Product Dimensions	2.4 x 4 x 1.3 inches
Item Weight	5.5 ounces
Display Type	Monochromatic
Screen Size	2.2 Inches
Scanner Resolution	240 x 320 pixels
Battery Type	1 AA battery
Battery Life	Up to 100 hours (GPS mode)
GPS Technology	Multi-Band GNSS
Sensors	3-axis Accelerometer, 3-axis Compass, Barometric Altimeter
Connectivity	Bluetooth
Water Rating	IPX7

Warranty and Support

The Garmin Foretrex 801 is covered by a limited warranty. For detailed warranty information, please refer to the warranty card included in your product packaging or visit the official Garmin website. For technical support, software updates, and additional resources, please visit Garmin Support.
You can also connect with the Garmin Explore app for planning and reviewing your adventures, and for device management.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question