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Garmin 010-02257-00

Garmin eTrex 32x Handheld GPS Navigator User Manual

Model: 010-02257-00

Introduction

The Garmin eTrex 32x is a rugged handheld GPS navigator designed for confident exploration. It features a 2.2-inch sunlight-readable color display and comes preloaded with TopoActive maps, offering routable roads and trails suitable for hiking and cycling. This device supports dual-satellite systems (GPS and GLONASS) for enhanced tracking in challenging environments. The eTrex 32x model further includes a 3-axis compass and a barometric altimeter for comprehensive navigation data.





Figure 1: Garmin eTrex 32x Handheld GPS Navigator with map display.

Setup

Battery Installation

The eTrex 32x operates on 2 AA batteries, providing up to 25 hours of battery life in GPS mode. To install the batteries:

1. **Locate** the battery compartment cover on the back of the device.
2. **Twist** the D-ring counter-clockwise to unlock and remove the cover.
3. **Insert** two AA batteries, ensuring correct polarity (+ and -).
4. **Replace** the cover and twist the D-ring clockwise to secure it.

Initial Power On

Press and hold the **Power** button located on the side of the device until the screen illuminates. Follow the on-screen prompts for initial setup, including language selection and time zone settings.

Operating Your Device

Display and Navigation

The device features a 2.2-inch sunlight-readable color display with 240 x 320 pixels, ensuring clear visibility in various lighting conditions. Navigation is primarily controlled using the buttons on the sides and the joystick on the front.

- **Menu Button:** Access the main menu and options.
- **Back Button:** Return to the previous screen.
- **Light Button:** Adjust backlight settings.
- **Joystick:** Navigate through menus and pan/zoom on maps. Press to select.

Mapping and GPS

The eTrex 32x comes preloaded with TopoActive maps, which include routable roads and trails. It utilizes both GPS and GLONASS satellite systems for fast and accurate positioning, even in challenging environments like deep canyons or dense forests.
For additional map data or storage, the device includes 8 GB of internal memory and a microSD card slot. This allows for expansion of mapping capabilities or storage of tracks and waypoints.

Advanced Sensors (eTrex 32x only)

The eTrex 32x model is equipped with a 3-axis tilt-compensated electronic compass, which shows your heading even when you are standing still. It also features a barometric altimeter that tracks changes in pressure to pinpoint your precise altitude and can even be used to plot barometric pressure over time, which can help you keep an eye on changing weather conditions.

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Video 1: An overview of the Garmin eTrex 22x/32x features, including sunlight-readable display, preloaded maps, GPS/GLONASS support, battery life, internal memory, and the 3-axis compass and barometric altimeter in the 32x model.

Maintenance

To ensure the longevity and optimal performance of your Garmin eTrex 32x, follow these maintenance guidelines:

- **Cleaning:** Wipe the device with a soft, damp cloth. Avoid harsh chemicals or abrasive cleaners.
- **Storage:** Store the device in a cool, dry place when not in use. Remove batteries if storing for extended periods to prevent leakage.
- **Battery Care:** Use high-quality AA batteries. Replace batteries when the low battery indicator appears to avoid interruption during navigation.
- **Software Updates:** Periodically check for software updates from Garmin's official website to ensure your device has the latest features and bug fixes.

Troubleshooting

Device Not Powering On

- Ensure batteries are correctly installed with proper polarity.
- Replace with fresh AA batteries.
- Check battery contacts for corrosion and clean if necessary.

GPS Signal Issues

- Ensure you are in an open area with a clear view of the sky.
- Allow sufficient time for the device to acquire satellite signals, especially after being off for a long period or moved a significant distance.
- Verify that GPS is enabled in the device settings.

Map or SD Card Recognition Problems

- Ensure the microSD card is fully inserted into its slot.
- Try a different, known-good microSD card to rule out card issues.
- If experiencing issues with map updates, ensure a stable internet connection and sufficient time for the update process. Refer to Garmin's official support for specific update instructions.

Specifications

Feature	Detail
Product Dimensions	4 x 2.1 x 1.3 inches
Item Weight	5 ounces
Model Number	010-02257-00
Screen Size	2.2 Inches
Screen Resolution	240 x 320 pixels
Battery Life	Up to 25 hours (with 2 AA batteries)
Internal Memory	8 GB
Expandable Memory	MicroSD card slot
GPS/GLONASS Support	Yes
Compass	3-axis (eTrex 32x only)
Altimeter	Barometric (eTrex 32x only)
Connectivity	ANT+, USB
Included Components	eTrex 32x device, USB Cable, Documentation

Warranty and Support

For detailed warranty information and product support, please refer to the official Garmin website or the comprehensive user manual. A digital version of the user manual is available for download:

Download User Manual (PDF)

For further assistance, contact Garmin customer support through their official channels.

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