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Garmin 010-01508-00

Garmin eTrex 20x Handheld GPS Navigator Instruction Manual

Model: 010-01508-00

Introduction

The Garmin eTrex 20x is an upgraded version of the popular eTrex 20, designed for reliable outdoor navigation. It features enhanced screen resolution and expanded internal memory, allowing for a greater variety of map downloads. This rugged and dependable GPS unit maintains the ease-of-use and affordability characteristic of the eTrex series, with compatibility for various mounts for use on ATVs, bicycles, boats, and cars. The eTrex 20x supports both GPS and GLONASS satellites simultaneously for improved accuracy and includes geocaching GPX file support.



Image: The Garmin eTrex 20x handheld GPS navigator, featuring a 2.2-inch color display and a rugged, water-resistant design.

Key Features

- **Upgraded Display:** Features a 2.2-inch, 65K color sunlight-readable display with 240 x 320 pixels resolution.
- **Expanded Memory:** Large 3.7 GB internal memory and a microSD card slot for loading various maps (TOPO 24K, HuntView, BlueChart g2, City Navigator NT, BirdsEye Satellite Imagery - subscription required).
- **Preloaded Basemap:** Includes a worldwide basemap with shaded relief.
- **Enhanced Satellite Tracking:** High-sensitivity, WAAS-enabled GPS receiver, HotFix satellite prediction, and GLONASS support ensure quick and precise position location, even in challenging environments.
- **Durable Design:** Water-resistant construction for outdoor use.
- **Long Battery Life:** Up to 25 hours on 2 AAA batteries.

What's in the Box

- Garmin eTrex 20x Handheld GPS Navigator

- USB Cable
- Documentation (User Manual)

Setup

1. Battery Installation

The eTrex 20x operates on two AAA batteries. To install or replace batteries:

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

Image: Illustrative image of a handheld GPS device with its battery compartment open, showing the insertion of AAA batteries. This demonstrates the typical battery installation process for eTrex devices.

2. Initial Power On

To power on the device, press and hold the power button located on the side until the Garmin logo appears on the screen. The device will then begin loading waypoints, tracks, and routes.

Operating Instructions

1. Basic Navigation and Menu Access

The eTrex 20x features a joystick for menu navigation and selection. Use the joystick to scroll through options and press it to select. The 'Menu' button on the left side provides access to the main menu, while the 'Back' button on the right side allows you to return to the previous screen.

2. Using the Compass

The device includes a 3-axis compass. From the main menu, select 'Compass' to view your current heading. This feature is particularly useful for maintaining your bearing when stationary or moving slowly.

3. Waypoint and Track Management

You can mark waypoints, create routes, and manage tracks directly on the device. Use the 'Mark Waypoint' option to save your current location. The 'Route Planner' and 'Track Manager' allow for organizing your navigation data.

4. Map Usage

Access the 'Map' option from the main menu to view your current location on the preloaded worldwide basemap or any installed detailed maps. The joystick can be used to pan and zoom on the map.

5. Geocaching

The eTrex 20x supports geocaching GPX files. Download geocaches and details directly to your unit for paperless geocaching adventures.

Maintenance

- **Cleaning:** Clean the device with a cloth dampened with a mild detergent solution. Wipe dry. Avoid chemical

cleaners and solvents that can damage plastic components.

- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries if storing for an extended period to prevent leakage.
- **Water Resistance:** Ensure all port covers and the battery compartment are securely closed to maintain water resistance.

Troubleshooting

Problem	Solution
Device does not power on.	Check battery installation and ensure batteries are fresh. Replace if necessary.
Poor GPS signal reception.	Ensure you are in an open area with a clear view of the sky. Avoid dense tree cover or tall buildings. Allow several minutes for the device to acquire satellites.
Screen is difficult to read in sunlight.	Adjust the backlight settings in the device menu. The eTrex 20x features a sunlight-readable display, but direct glare can still affect visibility.
Device freezes or becomes unresponsive.	Remove and reinsert the batteries to perform a soft reset. If the issue persists, consult the full user manual for factory reset instructions.

Specifications

Product Dimensions: 2.1 x 4 x 1.3 inches

Item Weight: 4.9 ounces

Item Model Number: 010-01508-00

Batteries: 2 AAA batteries required (up to 25 hours battery life)

Display Size: 2.2 Inches

Display Technology: Color TFT

Scanner Resolution: 240 x 320 pixels

Connectivity Technologies: Bluetooth

Special Features: Anti Glare Screen

Human Interface Input: Buttons

Color: Black, Orange

Manufacturer: Garmin

Mounting Type: Handheld

Warranty and Support

For detailed warranty information, product registration, and technical support, please visit the official Garmin website or refer to the complete documentation included with your eTrex 20x device. Garmin provides comprehensive support resources to ensure optimal performance and user satisfaction.
You can also find additional resources and FAQs on theGarmin Store on Amazon.

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Question

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