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Garmin Montana 700i

Garmin Montana 700i Instruction Manual: Rugged GPS Handheld with inReach Satellite Technology

Your comprehensive guide to setup, operation, and maintenance.

Introduction

The Garmin Montana 700i is a rugged GPS handheld device designed for outdoor navigation and communication. It integrates TopoActive and City Navigator mapping for versatile navigation, alongside global two-way messaging and interactive SOS capabilities via inReach satellite technology. This manual provides essential information for setting up, operating, and maintaining your device.

What's in the Box

- Garmin Montana 700i Device
- Lithium-ion battery pack
- USB cable
- Documentation (Quick Start Manual, Safety and Product Information)

Setup

1. Installing the Battery

The Montana 700i comes with a rechargeable lithium-ion battery pack. Ensure the device is powered off before installation.

1. Locate the battery compartment cover on the back of the device.
2. Open the cover and insert the lithium-ion battery pack, ensuring correct orientation.
3. Close the battery compartment cover securely to maintain the device's water resistance.

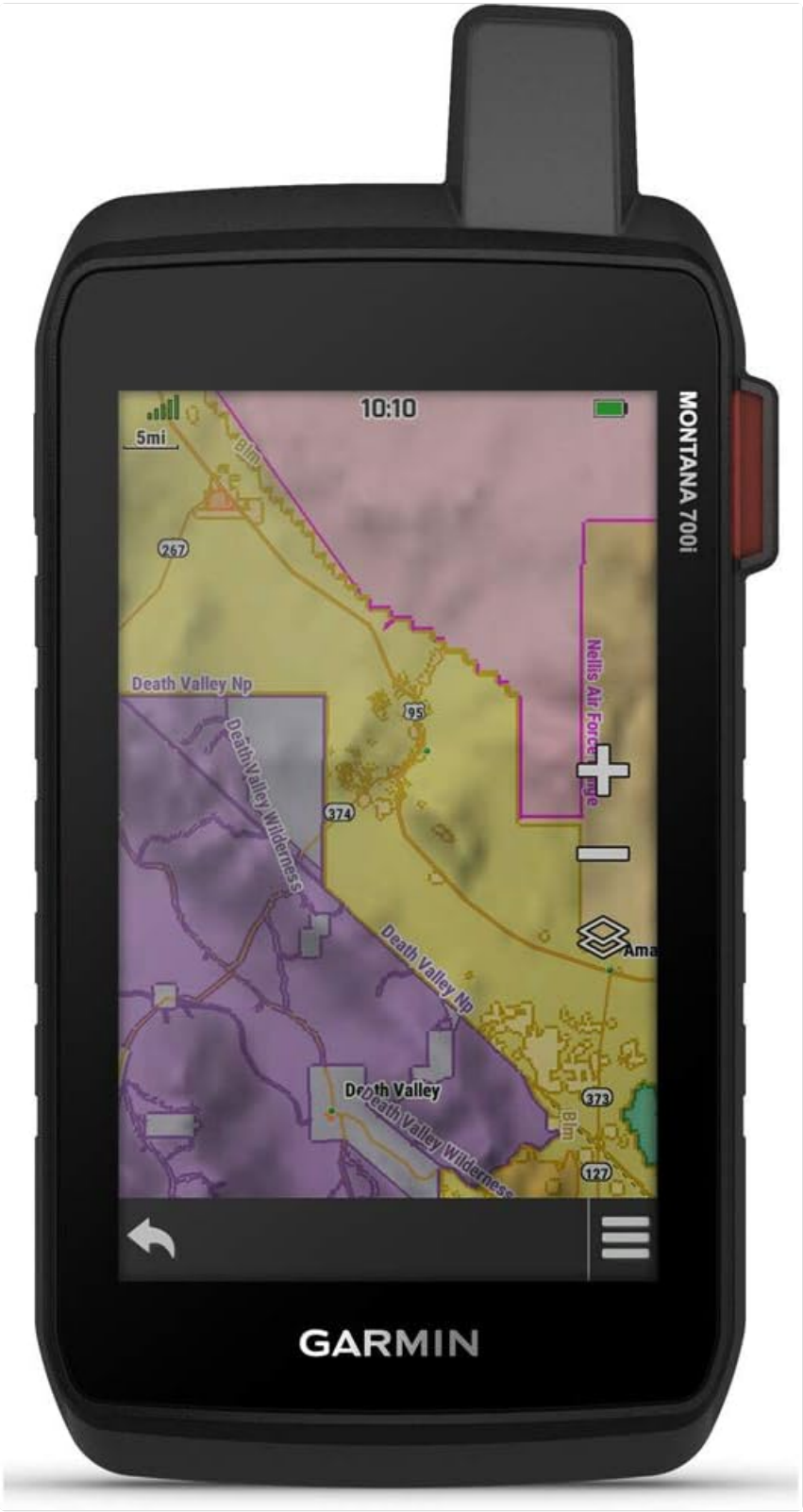


Figure 1: Rear view of Garmin Montana 700i showing battery compartment.

2. Charging the Device

Before first use, fully charge the device.

1. Connect the smaller end of the USB cable to the USB port on the device.
2. Connect the larger end of the USB cable to a USB charging adapter or a computer USB port.
3. The device will indicate charging status on the screen.

3. Initial Power On and Setup

1. Press and hold the power button (located on the side) until the screen turns on.

2. Follow the on-screen prompts to select your language, time zone, and other initial settings.
3. For inReach features, an active satellite subscription is required. Activate your device via the Garmin Explore website or app.



Figure 2: Garmin Montana 700i displaying map data.

Operating the Device

1. Navigation and Mapping

The Montana 700i features a glove-friendly 5-inch color touchscreen for easy interaction. It comes preloaded with TopoActive and City Navigator maps.

- **Viewing Maps:** Tap the 'Map' icon from the main menu to view your current location and surrounding terrain.
- **Zooming:** Use the '+' and '-' buttons on the screen to zoom in and out.
- **Panning:** Drag your finger across the screen to pan the map.
- **Creating Routes:** Use the 'Where To?' function to search for destinations and create routable paths.



Figure 3: Garmin Montana 700i showing detailed topographic maps.

2. inReach Satellite Communication

With an active inReach subscription, you can send and receive text messages and trigger an SOS from anywhere in the world.

- **Sending Messages:** Select 'Messages' from the main menu to compose and send text messages to phone numbers or email addresses.
- **Interactive SOS:** In an emergency, slide the protective cover and press the 'SOS' button on the side of the device. This sends an interactive distress message to the GEOS 24/7 monitoring center.
- **Tracking:** Enable tracking to share your location with friends and family at predetermined intervals.



Figure 4: Garmin Montana 700i showing an active SOS message screen.

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Video 1: Official Garmin overview of the Montana 700, 700i, and 750i series, highlighting key features and functionalities.

3. Sensors and Connectivity

- **Multi-GNSS Support:** The device supports multiple Global Navigation Satellite Systems (GPS and Galileo) for improved accuracy in challenging environments.
- **ABC Sensors:** Integrated 3-axis compass and barometric altimeter provide accurate heading and elevation data.
- **Wireless Connectivity:** ANT+, Wi-Fi, and Bluetooth allow for BirdsEye Satellite Imagery downloads, location sharing, Connect IQ app support, and Active Weather forecasts when paired with a compatible smartphone.

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Video 2: A seller's demonstration of the Garmin Montana GPS Handheld Navigator, showcasing its features and rugged design.

Maintenance

1. Cleaning the Device

Regular cleaning helps maintain the device's performance and appearance.

- Wipe the screen with a soft, lint-free cloth.
- For stubborn dirt, use a cloth dampened with water or a mild cleaning solution.
- Avoid harsh chemicals or abrasive materials that could damage the screen or casing.

2. Software Updates

Keep your device's software up to date for optimal performance and new features.

- Connect your device to a computer using the USB cable.
- Install Garmin Express on your computer (if not already installed).
- Follow the on-screen instructions in Garmin Express to check for and install available updates.

3. Battery Care

- Store the device in a cool, dry place when not in use.
- Avoid exposing the device to extreme temperatures.
- For extended storage, charge the battery to approximately 50%.

Troubleshooting

Device Not Powering On

- Ensure the battery is correctly installed and fully charged.
- Try connecting the device to a power source using the USB cable.
- Perform a soft reset by holding the power button for 10-15 seconds.

GPS Signal Issues

- Ensure you have a clear view of the sky. Obstructions like dense tree cover or tall buildings can interfere with signal reception.

- Move to an open area away from large structures.
- Allow the device several minutes to acquire satellite signals, especially after being off for an extended period or moved a long distance.

inReach Messaging Problems

- Verify that you have an active inReach satellite subscription.
- Ensure the device has a clear view of the sky to communicate with satellites.
- Check the message outbox for any unsent messages.

Specifications

Feature	Detail
Product Dimensions	7.2 x 3.6 x 1.3 inches
Item Weight	1.52 pounds
Item Model Number	010-02347-10
Batteries	1 Lithium Ion battery required (included)
Connectivity Technologies	ANT+, USB, high speed micro USB
Special Features	Routable Topo Maps; Multiple GNSS Networks, ABC Sensors; inReach Satellite Communication; BirdsEye Satellite Imagery
Human Interface Input	Touchscreen
Screen Size	5 Inches
Map Type	North America (preloaded)
Battery Life	Up to 18 Hours (GPS mode)

Warranty and Support

The Garmin Montana 700i comes with a standard manufacturer's warranty. For detailed warranty information, please refer to the documentation included in the box or visit the official Garmin support website.
For technical support, troubleshooting, or service inquiries, please contact Garmin Customer Support. You can find contact information and additional resources on the Garmin website.
Online Resources: Garmin Support Center

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