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Garmin 010-01879-00

Garmin inReach Mini User Manual

Lightweight and Compact Satellite Communicator

1. Product Overview

The Garmin inReach Mini is a compact and lightweight satellite communicator designed for adventurers who venture beyond cellular service. It provides two-way text messaging, tracking, and SOS alerting capabilities via the 100% global Iridium satellite network.



Figure 1: Front view of the Garmin inReach Mini, displaying distance and message notifications.

2. What's in the Box

- Garmin inReach Mini
- USB cable
- Carabiner clip
- Spine mount adapter
- Documentation



Figure 2: Included accessories with the Garmin inReach Mini.

3. Key Features

- **Two-Way Text Messaging:** Send and receive text messages using the 100% global Iridium network (satellite subscription required).
- **Interactive SOS:** Trigger an interactive SOS alert to the GEOS 24/7 search and rescue monitoring center (satellite subscription required).
- **Location Tracking & Sharing:** Track and share your journey with family and friends.
- **Garmin Earthmate App:** Access downloadable maps, U.S. NOAA charts, color aerial imagery, and more by using the free Garmin Earthmate app and compatible devices.
- **Weather Forecasts:** Optional inReach weather forecast service provides detailed updates directly to your inReach Mini or paired device (basic and premium weather packages available).
- **Compact Design:** Small, rugged, and lightweight for easy portability.
- **Bluetooth Connectivity:** Send and receive inReach messages through compatible Garmin devices, including connected wearables and handhelds.

4. Setup

Before using your inReach Mini, it must be activated and configured. A satellite subscription is required for most features.

4.1 Device Activation

1. **Power On:** Turn on your inReach Mini.
2. **Activate Device:** Follow the on-screen prompts to activate the device. This will typically direct you to the Garmin Explore website (explore.garmin.com) to create an account and choose a satellite subscription plan.
3. **Enter Information:** The website will require your device's IMEI number and an authorization code, which will be displayed on the inReach Mini's screen.
4. **Acquire GPS Fix:** After activation, the device will attempt to acquire a GPS fix. Ensure the device has a clear, unobstructed view of the sky. This process may take several minutes.

Video 1: Demonstrates the setup process for the Garmin inReach Mini, including activation and acquiring a GPS fix.

4.2 Pairing with Earthmate App

For enhanced functionality, pair your inReach Mini with the Garmin Earthmate app on your smartphone.

1. **Download App:** Download the free Garmin Earthmate app from your device's app store.
2. **Enable Bluetooth:** Ensure Bluetooth is enabled on both your inReach Mini and your smartphone.
3. **Pair Devices:** Open the Earthmate app, navigate to the device pairing section, and follow the instructions to connect your inReach Mini.
4. **Sync Account:** Sync your inReach account with the Earthmate app to access maps, tracking features, and simplify message composition.

5. Operating Instructions

5.1 Sending Messages

The inReach Mini allows you to send and receive text messages globally.

- **Preset Messages:** Configure up to three preset messages on the Garmin Explore website. These can be sent quickly from the device and do not count against message limits on most plans.
- **Custom Messages:** Compose custom text messages directly on the device using the navigation buttons, or more conveniently, via the Earthmate app on your paired smartphone.
- **Sending Location:** All messages sent from the inReach Mini include your current GPS location coordinates.



Figure 3: The inReach Mini displaying a message on its screen.

5.2 SOS Functionality

In case of emergency, the SOS button provides direct communication with the GEOS 24/7 emergency response center.

1. **Access SOS:** The SOS button is located on the side of the device, protected by a cover to prevent accidental activation.
2. **Trigger Alert:** To trigger an SOS, open the SOS cover and hold the button until the alert starts.
3. **Cancel Alert:** To cancel an SOS, hold the SOS button until the cancel message appears.



Figure 4: The inReach Mini displaying an SOS initiation screen.



Figure 5: Side view of the inReach Mini highlighting the SOS button.

5.3 Tracking and Navigation

The inReach Mini can track your movements and allow others to follow your progress.

- **Start Tracking:** Activate tracking from the device menu or the Earthmate app. Your location will be sent at predefined intervals to your MapShare page.
- **MapShare Page:** Share a link to your MapShare page with family and friends so they can view your real-time location and track your journey.
- **Waypoints and Routes:** While the inReach Mini itself has a limited display for navigation, you can plan and view waypoints and routes on the Earthmate app, which then syncs with the device.



Figure 6: The inReach Mini displaying active tracking information.

5.4 Weather Forecasts

Receive detailed weather updates directly on your device or paired smartphone.

- **Request Forecast:** Request basic or premium weather forecasts through the device menu or the Earthmate app.
- **Detailed Information:** Forecasts provide temperature, wind speed, precipitation chance, and more, helping you plan your outdoor activities.

6. Maintenance

- **Cleaning:** Clean the device with a soft, lint-free cloth. Avoid harsh chemicals or abrasive materials.
- **Battery Care:** The inReach Mini features a rechargeable Lithium Polymer battery. For optimal battery life, avoid extreme temperatures and store the device with a partial charge if not used for extended periods.
- **Charging:** Charge the device using the provided USB cable. It can be charged via a wall adapter, computer USB port, or compatible portable power sources.
- **Firmware Updates:** Regularly check for and install firmware updates via the Garmin Express software to ensure optimal performance and access to new features.

7. Troubleshooting

- **No Satellite Signal:** Ensure the device has a clear view of the sky. Avoid dense tree cover, deep canyons, or indoor environments.
- **Messaging Issues:** Verify an active satellite subscription. Check for obstructions between the device and the sky. Ensure the Earthmate app is properly synced if sending messages via smartphone.
- **Battery Draining Quickly:** Reduce tracking frequency. Turn off unnecessary features like Bluetooth if not actively used. Ensure the device is fully charged before extended use.
- **Device Not Responding:** Perform a soft reset by holding down the power button until the device restarts. If unresponsive, connect to power and attempt a reset.

8. Specifications

Attribute	Value
Product Dimensions	2 x 1.03 x 4 inches
Item Weight	3.52 ounces
Item Model Number	010-01879-00
Batteries	1 Lithium Polymer batteries required (included)

Attribute	Value
Connectivity Technologies	Bluetooth
Display Resolution	128 x 128 pixels
Battery Life	90 Hours

9. Warranty and Support

For detailed warranty information and product support, please refer to the official Garmin website or the included documentation.

- **Official User Manual (PDF):** Download PDF
- **Garmin Support:** Visit the Garmin Support Center for FAQs, software updates, and contact information.
- **Protection Plans:** Optional 2-Year and 3-Year Protection Plans are available for purchase.

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