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Garmin Rino 700

Garmin Rino 700 Handheld GPS Navigator and 2-Way Radio User Manual

Model: 010-01958-20

Introduction

The Garmin Rino 700 is a rugged handheld device combining GPS/GLONASS navigation with a 5-watt GMRS two-way radio. Designed for outdoor use, it facilitates communication and location tracking in challenging environments. This manual provides instructions for setting up, operating, and maintaining your Rino 700 device.



Figure 1: Garmin Rino 700 handheld device. This image displays the front of the device, highlighting its screen with a basic map interface and two user icons, indicating its navigation and communication capabilities.

Setup

1. What's in the Box

Verify that all components are present:

- Garmin Rino 700 device
- USB cable
- AC charger
- Documentation (this manual)

2. Charging the Device

The Rino 700 includes a rechargeable internal lithium-ion battery. Before first use, fully charge the device.

1. Connect the small end of the USB cable to the USB port on the Rino 700.
2. Connect the large end of the USB cable to the AC charger.
3. Plug the AC charger into a standard wall outlet.
4. Allow the device to charge until the battery indicator shows a full charge. A full charge can provide up to 13 hours of battery life.

3. Powering On and Initial Satellite Acquisition

1. Press and hold the **Power** button until the screen turns on.
2. For initial satellite acquisition, take the device outdoors to an open area with a clear view of the sky.
3. The device will automatically begin acquiring GPS and GLONASS satellite signals. This process may take several minutes.
4. Once satellites are acquired, the device will display your current location on the map.

Operating the Rino 700

1. Device Controls

The Rino 700 features an easy-to-use thumbstick control and dedicated buttons for navigation and function selection. Refer to the device's physical layout for specific button locations.

2. GPS Navigation

The device utilizes high-sensitivity GPS and GLONASS satellite reception for accurate positioning, even in challenging environments. It includes a worldwide base map for basic navigation.

- **Viewing Your Location:** Your current position is displayed on the map screen.
- **Marking Waypoints:** Use the menu options to mark and save specific locations (waypoints).
- **Navigating to a Destination:** Select a saved waypoint or enter coordinates to navigate. The device will provide directional guidance.

Note: The built-in compass function requires movement to provide accurate directional readings. It may not function when stationary.

3. Two-Way Radio Communication

The Rino 700 features a 5-watt GMRS two-way radio with an extended range of up to 20 miles, depending on terrain and conditions.

- **Selecting a Channel:** Access the radio menu to select a GMRS channel for communication.
- **Voice Communication:** Press and hold the Push-to-Talk (PTT) button to transmit voice messages. Release to listen.
- **Unit-to-Unit Text Messaging:** The device supports sending and receiving text messages between other Rino users on the same channel. Refer to the on-screen menu for text messaging options.
- **Position Reporting:** The unique position reporting feature allows you to view the locations of other Rino users who are on the same channel and within range. Their positions will appear on your map screen.

4. Bluetooth Connectivity

The Rino 700 supports Bluetooth connectivity for wireless data transfer or connection to compatible accessories. Refer to the device settings menu to enable and manage Bluetooth connections.

Maintenance

1. Cleaning the Device

To maintain optimal performance and appearance:

- Wipe the device with a soft, damp, lint-free cloth.
- Avoid using abrasive cleaners, solvents, or chemical sprays that could damage plastic components and finishes.
- Ensure the USB port cover is securely closed to maintain water resistance.

2. Battery Care

- Recharge the device regularly to prolong battery life.
- Avoid storing the device in extreme temperatures, as this can degrade battery performance.
- If storing for an extended period, charge the battery to approximately 50% before storage.

3. Software Updates

Garmin periodically releases software updates to improve performance and add features. Connect your Rino 700 to a computer using the USB cable and visit the official Garmin website for instructions on checking for and installing updates.

Troubleshooting

- **Device will not power on:** Ensure the battery is charged. Connect the device to the AC charger and attempt to power on after a few minutes.
- **No GPS signal:** Ensure the device is outdoors with a clear view of the sky. Avoid dense tree cover or tall buildings. Allow sufficient time for satellite acquisition.
- **Radio communication issues:** Verify that both devices are on the same GMRS channel. Check the distance between devices and ensure there are no major obstructions (e.g., mountains, large buildings) that could block the signal.
- **Compass not working:** The digital compass requires movement to calibrate and provide accurate readings. If stationary, the compass may not function correctly.
- **Battery not charging:** Ensure the USB cable and AC charger are properly connected and functioning. Try a different power outlet. If the issue persists, contact Garmin support.

Specifications

Model Name	Rino 700
Item Model Number	010-01958-20
Brand	Garmin
Product Dimensions	1.74 x 2.38 x 7.02 inches
Item Weight	1.1 pounds
Screen Size	2.2 Inches
Scanner Resolution	128 x 160
Battery Type	1 Lithium Ion (included)
Battery Life	Up to 13 Hours

Connectivity Technology	Bluetooth
Human Interface Input	Buttons
Map Type	North America (Base Map)
Color	Black
Manufacturer	Garmin

Warranty and Support

Warranty Information

For detailed warranty information, including terms, conditions, and registration, please refer to the official Garmin website or the warranty card included with your product documentation. Warranty policies may vary by region.

Customer Support

If you encounter issues not covered in this manual or require further assistance, please contact Garmin Customer Support:

- **Online Support:** Visit the official Garmin Support Center for FAQs, troubleshooting guides, and software downloads.
- **Contact Information:** Refer to the Garmin website for regional phone numbers and email support options.

Note: No official product video links were provided in the product data for inclusion in this manual.

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