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Garmin Rino 755t

Garmin Rino 755t Instruction Manual

Rugged Handheld 2-Way Radio/GPS Navigator with Camera and Preloaded TOPO Mapping

1. Introduction and Overview

The Garmin Rino 755t is a versatile handheld device designed for outdoor enthusiasts, combining advanced GPS navigation with two-way radio communication. This manual provides essential information for setting up, operating, and maintaining your device to ensure optimal performance in various environments.
Key features of the Rino 755t include:

- 5-watt GMRS two-way radio for extended range communication (up to 20 miles), supporting voice and unit-to-unit text messaging.
- High-sensitivity GPS and GLONASS satellite reception for reliable tracking in challenging environments.
- Position reporting feature to display locations of other Rino users on the same channel on your map.
- 3-inch sunlight-readable touchscreen display with dual orientation (landscape or portrait view).
- Dual battery system providing up to 14 hours with the lithium-ion pack or up to 18 hours with optional AA batteries.
- Integrated 8-megapixel autofocus camera with LED flash.
- Preloaded TOPO U.S. 100K maps for detailed topographical information.





Figure 1: The Garmin Rino 755t handheld device.

2. Setup

Before using your Garmin Rino 755t, ensure all components are present and the device is properly charged.

2.1 What's in the Box

- Rino 755t Handheld Device
- Preloaded TOPO U.S. 100K maps
- 1-year BirdsEye Satellite Imagery subscription
- Lithium-ion battery pack
- USB cable

- AC Charger
- Carabiner clip
- Documentation (including this manual)

2.2 Initial Charging and Battery Installation

1. Insert the provided lithium-ion battery pack into the battery compartment on the back of the device. Ensure it is securely latched.
2. Connect the USB cable to the Rino 755t and the AC charger. Plug the AC charger into a wall outlet.
3. Allow the device to charge fully before first use. The charging indicator on the screen will show progress.
4. Alternatively, the device supports optional AA batteries (sold separately) for extended use. Refer to the battery compartment for correct polarity when installing AA batteries.

3. Operating Instructions

The Garmin Rino 755t offers a range of functionalities accessible via its touchscreen interface.

3.1 Powering On/Off

Press and hold the power button (typically located on the side) until the Garmin logo appears to power on. To power off, press and hold the power button and select 'Power Off' from the options.

3.2 Navigating the Interface

The 3-inch touchscreen allows for intuitive navigation. Tap icons to open applications or menus, and swipe to scroll through lists or maps. The device supports both landscape and portrait orientations, adjusting automatically.

3.3 GPS Navigation and Mapping

Utilize the high-sensitivity GPS and GLONASS receiver for accurate location tracking. The preloaded TOPO U.S. 100K maps provide detailed terrain information. You can view your current position, track routes, mark waypoints, and navigate to specific destinations.



Figure 2: GPS and GLONASS satellite reception for enhanced tracking.

3.4 Two-Way Radio Communication

The integrated 5-watt GMRS radio enables communication with other GMRS-compatible devices. Select the 'Radio' application to choose channels, adjust volume, and send voice or text messages. The position reporting feature allows you to share your exact location with other Rino users on the same channel, visible on their map displays.



Figure 3: Using the 5-watt GMRS radio for communication.



Figure 4: Position reporting feature showing locations of other Rino users.

3.5 Camera Functionality

The Rino 755t includes an 8-megapixel autofocus camera with an LED flash. Access the 'Camera' application to capture photos with geotags, allowing you to remember specific locations and views during your adventures.



Figure 5: The Rino 755t camera interface.

4. Maintenance

Proper maintenance ensures the longevity and reliability of your Garmin Rino 755t.

- **Cleaning:** Wipe the device with a soft, damp cloth. Avoid harsh chemicals or abrasive materials that could damage the screen or casing.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place. Ensure the battery is partially charged (around 50%) to prolong its lifespan.
- **Software Updates:** Regularly check for and install software updates from Garmin to ensure optimal performance, new features, and bug fixes. Connect the device to a computer using the USB cable and use Garmin's official software.
- **Battery Care:** Avoid fully discharging the lithium-ion battery frequently. If using AA batteries, remove them when the device is not in use for long periods to prevent leakage.

5. Troubleshooting

If you encounter issues with your Rino 755t, try the following basic troubleshooting steps:

- **Device Not Powering On:** Ensure the battery is fully charged or try replacing the AA batteries if applicable. Check that the battery pack is correctly seated.

- **GPS Signal Loss:** Move to an open area away from tall buildings, dense foliage, or large metal objects. Ensure the device has a clear view of the sky.
- **Radio Communication Issues:** Verify that both devices are on the same channel and frequency. Check for obstructions between devices and ensure you are within the effective range.
- **Touchscreen Unresponsive:** Perform a soft reset by holding down the power button until the device restarts. If the issue persists, ensure the screen is clean and free of debris.
- **Software Glitches:** Ensure your device's software is up to date. If problems continue, consider performing a factory reset (note: this will erase user data, so back up important information first).

6. Specifications

Feature	Specification
Brand	Garmin
Model Name	Garmin 989-1421 (Rino 755t)
Screen Size	3 Inches
Display Type	3.0" transflective, 65K color TFT
Resolution	240 x 400 pixels
Connectivity Technology	USB, Bluetooth
Supported Satellite Navigation System	GPS, GLONASS
Radio Type	5-watt GMRS Two-Way Radio
Camera	8-megapixel autofocus with LED flash
Preloaded Maps	TOPO U.S. 100K maps
Battery Life	Up to 14 hours (Lithium-ion), Up to 18 hours (AA batteries)
Memory Storage Capacity	4.5 GB
Item Dimensions L x W x H	2.6"L x 1.6"W x 7.9"H
Item Weight	0.09 Pounds
Operating System	Windows CE (internal)

7. Warranty and Support

7.1 Warranty Information

The Garmin Rino 755t comes with a **1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For full terms and conditions, please refer to the detailed warranty documentation included with your product or visit the official Garmin website.

7.2 Customer Support

For technical assistance, product registration, or additional support, please visit the Garmin support website or contact Garmin customer service. You can find contact information and FAQs on the official Garmin website.

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