

How to use Garmin Rino 130

Quick Start

Getting Started

UNIT OVERVIEW

Power button:

- Press and hold to turn the unit On/Off
- Press to adjust contrast and backlighting

Call button:

- Press to send out Call Tone
- Sends position when released (if enabled)

Talk button:

- Press and hold to talk
- Sends position when released (if enabled)

Page/Quit button:

- Press to cycle through main pages
- Used to quit or escape menu items

Volume (V) button:

- Press to open volume control window

LCD Display

Thumb Stick

- Press IN to enter highlighted options and to confirm messages
- Move UP, DOWN, RIGHT or LEFT to move through lists, highlight fields, on-screen buttons, icons, enter data, or move the map panning arrow
- Press IN and hold to display Shortcuts Menu.

Zoom/Map (Z) button:

- From the Map Page, press to open Zoom control window
- From any other page, press to display Map Page and press again to open Zoom control
- Press and hold in to turn the compass On/Off

Microphone:

- Hold unit 3-4 inches away when talking

Speaker

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2-way FRS/GMRS Antenna

Belt Clip Connector Mount

Headset Connector with Weathercap

Mount Alignment Notches

GPS Antenna

External Power And Data Connector Weathercap

Battery Compartment D-Ring

Battery Compartment Cover

Installing Batteries

Note: The Rino 130 operates on three “AA” alkaline batteries located in the back of the unit.

1. Remove the battery cover on the back of the unit. Turn the D-ring $\frac{1}{4}$ turn counterclockwise.
2. Insert batteries observing the polarity reference molded into the unit housing. The negative (-) battery terminal always orients closest to the spring.
3. Reinstall the battery cover by inserting the bottom hinge clip and closing the cover. Turn the D-ring $\frac{1}{4}$ turn clockwise.

Initializing the Rino 130

1. Take the Rino 130 outside where it has an unobstructed view of the sky and turn it on.
2. The unit begins to search for satellite signals. *Tracking Satellites* is displayed while the unit is initializing.
3. Initialization should take no more than five minutes. When the GPS is initialized and ready for navigation, the message *3D accuracy* is displayed on the radio page.

Setup Menu:

Before start using the GPS Device it is a good idea to confirm that the GPS setup format matches your data format.

1. In order to do that you need to go to the main menu - click once on the THUMB STICK and then choose “Main Menu”
2. Scroll down and select “Setup”.
3. Using the THUMB STICK (left, right, up, down) navigate through the different properties. Make sure to check the Time, Units and System. If you need to change some of the properties, navigate to it with the THUMB STICK key and change by clicking the THUMB STICK key. The Device will give you all the options that you can choose from. Scroll through them using the THUMB STICK key.

Calibrating the Compass

The electronic compass in the Rino 130 must be calibrated (outdoors away from metal objects) whenever new batteries are installed and before you use the unit for navigation.

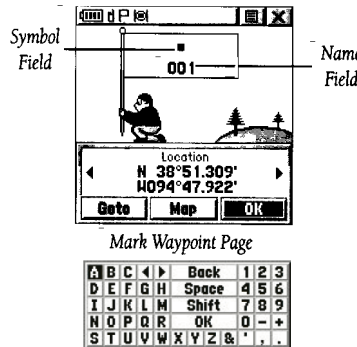
Note: The Rino 130 must be held face up and level during compass calibration and use. The more the unit is tilted on either axis, the less accurate the compass reading will be.

1. Press the PAGE button until the navigation page is displayed.
2. Use the THUMB STICK to highlight the option menu on-screen button and then press the THUMB STICK IN to display the menu.
3. Highlight the Calibrate Compass option and then press the THUMBSTICK IN to display the calibration page.
4. The information screen explains how to calibrate the compass: "To calibrate compass: Slowly turn two full circles in the same direction while holding the rino equipment".
5. Press the THUMBSTICK IN to activate the 'start' button. The screen prompts you to "Turn slowly". Keep the unit level and begin to rotate the Rino 130 in your hand. A "Just Right" message displays when you are turning at the proper rate. If you turn it too slowly or too rapidly, a "Too Slow" or "Too fast" message appears.
6. When the "Calibration Successful" message appears, use the THUMBSTICK to highlight the 'OK' button. If a "Calibration Failed" message appears, press the THUMBSTICK IN to restart the calibration.

Navigating with your Rino 130:

Marking a waypoint is simply capturing your current location and storing it in the unit's memory. The unit must be turned on and the tracking satellites to mark a waypoint.

To mark a waypoint:



1. Press the THUMBSTICK IN and hold it until the shortcuts menu is displayed.
2. Highlight 'Mark waypoint' and press the THUMBSTICK In to display the mark Waypoint page.
3. Highlight the 'Name' field and press the THUMBSTICK IN. Enter a new name by using the THUMSTICK to select letters from the keyboard (see above). When finished, highlight OK. Then press the THUMBSTICK IN.

4. Highlight the 'Symbol' field and press the THUMBSTICK IN. Choose a symbol then press the THUMBSTICK IN to accept the selection.
5. Highlight the OK button at the bottom of the page and press the THUMBSTICK IN to save the waypoint.

Create a Waypoint:

1. Press the THUMBSTICK IN and hold it until the shortcuts menu is displayed.
2. Highlight 'Mark waypoint' and press the THUMBSTICK In to display the mark Waypoint page.
3. Highlight the 'Name' field and press the THUMBSTICK IN. Enter a new name by using the THUMSTICK to select letters from the keyboard (see above). When finished, highlight OK. Then press the THUMBSTICK IN.
4. Navigate to the "Location" menu on the screen and change the coordinates using the THUMBSTICK to the coordinates of your waypoint.
5. Use the THUMBSTICK to change from the "Location" menu to the other menus – Direction, Elevation, Note and Timestamp. Use the THUMBSTICK to change the information in these menus.
6. Highlight the OK button at the bottom of the page and press the THUMBSTICK IN to save the waypoint.

Navigate to a Waypoint:

1. Click on the THUMSTICK and select "Main Menu".
2. Navigate to the "Find 'N Go" option using the THUMBSTICK.
3. Select "Waypoints" and choose to sort them by distance (nearest) or by name.
4. Select the waypoint you wish to go to and click on it.
5. After that choose the "Go To" button in the bottom left corner of the screen.

To create a breadcrumb trail:

1. Use the PAGE button to display the map page.
2. The default zoom is 80 miles. Press the ZOOM button in to view the breadcrumb trail you will make in the next step.
3. Walk away from your original location for at least three minutes. As you are walking, notice that a breadcrumb trail of your path is left on the map.

To create a track:

1. Go to "Main Menu" by clicking twice on the THUMSTICK.
2. Navigate to the "Tracks" button and click it.
3. Turn on the Track log by clicking "ON" in the right corner of the display. The Device will start recording the track.
4. To **Save your track** click on the "Save" button. The device will give you opportunity to choose what part of the Entire Log to save in your track as well as to name your new track.

5. To **Delete** your track go back to the “Track Log” page and select one of the already saved tracks. After that you can edit or delete that track. To delete it – click the “Delete” button in the lower left corner of the display.
6. To **navigate to a track** – instead of clicking on the “Delete” button, select the one that is below it – “TracBack”. The device will ask you to navigate to the End or to the Beginning of that track. Simply choose the one that you wish.

Setting up the radio

To select a channel:

1. Highlight the ‘Channel’ field and press the THUMBSTICK IN.
2. Using the THUMBSTICK, select one of the 14 available channels. Press the THUMBSTICK IN to accept the selection.

To select a squelch code:

1. Select the ‘Code’ field and press the THUMBSTICK IN.
2. Using the THUMBSTICK, select one of the 38 available codes. Press the THUMBSTICK IN to accept the selection.

Using the Weather Radio

The weather radio provides a constant update of the weather conditions, with is helpful while outdoors or planning for a road trip. When the Weather radio is on a tower emitting signals is shown in the information picture on the radio page. The FRS/GMRS radio cannot be used when the weather radio is on. There are 7 weather radio channels available.

To turn the Weather Radio on and off:

1. Open the Radio page by pressing the PAGE button or using the on-screen Main Page Menu button.
2. Use the THUMB STICK to highlight the Option menu on-screen button and then press the THUMBSTICK IN to display the menu.
3. When ‘Use Weather Radio’ is highlighted, press the THUMBSTICK IN to turn on the weather radio. You can select ‘Enable Weather Radio’ after the Weather Radio is on.
4. To turn the Weather Radio off, press the THUMBSTICK IN when ‘Use FRS/GMRS Radio’ is highlighted. This will switch the Rino 130 back over the FRS/GMRS radio.

Transmitting with the RINO 130:

The Rino 130 can transmit to and receive messages from other FRS radio users on the same channel and squelch code.

To transmit on your Rino 130:

1. Press and hold the TALK button, and in a normal voice, speak into the microphone area on the front of the Rino 130 from a distance of about 3-4 inches.
2. When you are finish talking, release the TALK button. Your location is updated on all receiving Rinos.
3. If you want to call another user or update your location on another Rino, press and release the CALL button. This sounds a call tone on all Rinos that are monitoring your channel and squelch code. Your position is updated when your signal is received by the other unit.

To turn off the device – press and hold the Power button.