

Sneak Peek

GARMIN charges into the Family Radio Services (FRS) / General Mobile Radio Services (GMRS) market with a new breed of electronics: rino. By combining a powerful FRS/GMRS radio with a full-featured,

Get the safety of GPS with the convenience of a 2-way radio

WAAS-enabled GPS receiver, outdoor enthusiasts enjoy the best of both technologies. Rino (Radio Integrated with Navigation for the Outdoors) offers exclusive "peer-to-peer" position reporting which allows one rino user to send a position to another rino user within a two-mile area using FRS (up to five miles with GMRS). That user, in turn, can see your position on a detailed map and navigate right to your exact location. What's more, rino is the first, completely waterproof FRS/GMRS. Confirmation that rino doesn't just talk tough, it is tough.



features



Sneak Peek

- Channels: 1-7 FRS/GMRS*; 8-14 FRS; 15-22 GMRS (each channel has 38 sub-audible squelch codes for semi-private conversations)
- External voice activation (VOX)
- GPS features: 12-channel, WAAS-enabled GPS receiver
- Trip computer and TracBack technology
- Multiple grid formats including MGRS and Loran TD
- Ergonomic design for one-hand operation, with Call, Press-To-Talk (PTT), and Page mode buttons on the side, Power/Backlighting button on top, and Volume and Zoom buttons in front
- Unique Click stick™ for channel selection and volume adjustment in FRS mode, and quick map panning, enter and selection functions in GPS mode
- Clear reception with a range of up to two miles using FRS, five miles with GMRS
- Quad-helix antenna and 12 parallel channel GPS receiver for accuracy of 20 feet or less in normal mode, 10 feet or less when WAAS-enabled**
- Waterproof to IPX-7 standards (immersible in one meter of water for 30 minutes)
- Storage of up to 500 waypoints, with graphic identification, and 20 reversible routes
- More than 10 position formats and over 100 map datums
- Trip computer with speed tracking, sunrise/sunset read out, trip timer and trip distance
- Clock, stopwatch and alarm functions
- High-resolution display with 160x160 pixels
- Battery life of 15 hours (typical use) on three AA batteries
- Backlit display
- Lightweight design: rino 110 weighs 8 oz., while the rino 120 weighs 8.5 oz.
- Built-in basemap of North and South America (rino 120 only)
- 8 MB of internal memory (rino 120 only) to store map data from GARMIN's exclusive line of MapSource™ CD-ROMs
- Call Ring function to allow calling between radios
- Voice scrambler for secure communications (rino 120 only)
- Vibration mode for "silent" calls to other rino users (rino 120 only)
- The rino 110 will ship standard with a lanyard, belt clip and user's manual, while the rino 120 package will also include a PC interface cable.

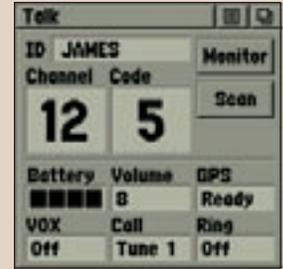


rino 120



rino 110

Rino is available in two models: The rino 110 has a distinctive yellow case and simple moving map graphics. The rino 120 is olive-green and adds a detailed basemap, 8 MB of memory and a voice scrambler for security.



See at a glance your channel, squelch code, VOX, and other radio settings.



Mark and store up to 500 waypoints.



Navigate your way to another rino user's position by using rino's exclusive peer-to-peer reporting function.

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Specifications are preliminary and subject to change without notice.

* Using GMRS requires FCC license.

** Subject to accuracy degradation to 100m 2DRMS under the U.S. Department of Defense imposed Selective Availability Program.