

This unit features a 12-parallel channel receiver for even faster positioning and better satellite tracking under tree canopy. With each of the 12 channels dedicated to a signal, you get faster initial position fixes and faster satellite reacquisition when a signal is momentarily blocked by tree canopy or tall buildings. The 12XL offers an unbelievable 500 waypoint storage capacity along with nine proximity waypoint alarms you can designate to warn of dangerous areas or hazards as you approach them. These features are not found in our other GARMIN receivers.

External antenna capability allows this GPS receiver to be used in a variety of situations, even inside a vehicle with the optional magnetic remote antenna, #100410. This is the unit to get if you operate GPS in challenging conditions!

**Features:**

- 500 user waypoints
- 20 reversible routes of up to 30 waypoints each
- TracBack navigation for easy return to starting position
- Nine proximity alarms
- Rugged case meets military 810(e) specification
- PhaseTrac 12-parallel receiver for lightening fast fixes and reacquisition
- 12-hour battery life on 4 AA batteries (included)

**Specifications:**

- Waypoints:** 500 total, nine nearest stored automatically, nine proximity alarm waypoints
- Routes:** 20 reversible with up to 30 waypoints each plus TracBack mode and “Man Over Board” mode to instantly route back to an instantly saved (MOB) waypoint
- Map Datums:** 107 including one user defined datum
- Coordinates:** Lat/Lon, UTM/UPS, plus seven grids including Maidenhead and User UTM
- Receiver:** PhaseTrac 12TM continuously tracks up to 12 satellites (12 parallel channel receiver) and updates position continuously 1/second
- Acquisition times:** Warm—15 seconds, Cold—45 seconds, Autolocate—5 minutes
- Accuracy:** (position) 15 meters Root Mean Squared, subject to degradation by Selective Availability, (velocity) registers to 999kts with 0.1knot steady state RMS accuracy
- Interfaces:** National Marine Electronics Assoc. (NMEA) 180,182,183 and Radio Technical Communications for Maritime Services (RTCM) 104 DGPS corrections

- Antenna:** Internal patch with port for optional external antenna
- Size:** 5.8"H x 2.1"W x 1.2"D
- Weight:** 9.5 oz. with batteries
- Display:** High contrast LCD with backlighting, 2.2"H x 1.5"W
- Operating Temperature Range:** 5–158°F
- Memory Backup:** Internal rechargeable lithium battery
- Power:** Four AA batteries (12 hour life from alkaline) or 10–40V DC
- Standard Accessories:** Four AA batteries, user's manual, quick reference card, soft carrying case, wrist strap

**Ordering Information:**

- 100449 GPS 12XL professional navigator
- 100404 Cigarette lighter adaptor
- 100454 Power data cable (for interface with other GPS compatible equipment)

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