



GARMIN

GPS 12

Now With
New Zealand
Map Grid



Affordable 12 Parallel Channel GPS Performance

The GARMIN GPS 12 Personal Navigator is an affordable 12 parallel channel GPS receiver with the reliability you've come to expect from GARMIN. Packed with features and the same user-friendly operation that's made us the world's number one GPS manufacturer, the GPS 12 is the ideal handheld for outdoor adventurers who love to get off the beaten path. The GPS 12 features fast satellite acquisition and performance that stays locked on in the toughest conditions, even in heavy tree cover.

The GPS 12's rugged, waterproof case features military tough construction. Its rocker keypad design provides true one-hand operation to keep you on the move day or night, rain or shine.

Add in a host of advanced navigation features like a moving map plotter that displays waypoint names, symbols or comments, proximity waypoint alarms, average and maximum speed data and trip timers, and you have all the things that make the GPS 12 a purebred GARMIN — innovation, performance, and value.

12 parallel channel receiver tracks and uses up to 12 individual satellites for fast acquisition and a tight lock on satellites.

User-selectable waypoint symbols and comments enhance map display information.

Proximity waypoint feature warns you of approaching hazardous areas.

Innovative TracBack™ function turns your track log into an instant breadcrumb trail to quickly navigate back home.

User-definable map datums and AMG/UTM grids let you customise the data used for positioning.

User-friendly rocker-keypad system allows room for a large backlit display with easy-to-read characters and full-featured graphic plotting.

Position averaging feature helps reduce effects of Selective Availability.

Room for 500 waypoints and 20 routes of up to 30 waypoints each.

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GME

Electrophone

GPS 12 PERSONAL NAVIGATOR™

GPS 12

Navigation Features

Waypoints:

Total: 500 each with name, symbol and map display option
Nearest: 9 (automatic)
Proximity: 9

Routes: 20 reversible routes with up to 30 points each, plus MOB and TracBack™ modes

TracBack™: Automatic track log navigation

Track Log: 1024 points

Map Datums: 107 including one User Datum

Coordinates: Lat/Lon, UTM/UPS, plus 7 grids, including Maidenhead and User Selectable

Performance

Receiver: PhaseTrac 12™ 12 parallel channel receiver continuously tracks and uses up to twelve satellites to compute and update position

Acquisition Times:

Warm: Approx. 15 seconds
Cold: Approx. 45 seconds
AutoLocate™: Approx. 5 minutes
EZinit: Easy initialisation, 45 seconds

Update Rate: 1/second, continuous

Accuracy:

Position: 15 meters (49 feet) RMS*
1-5 meters (3-15 feet) RMS with GARMIN GBR 21 DGPS receiver (optional)

Velocity: 0.1 knot RMS steady state

Dynamics: 6g's

Interfaces: NMEA 0183 and RTCM 104 DGPS corrections

Antenna: Internal patch

Power

Source: 4 AA batteries (not included) or 5-8vDC

Battery Life: 24 hours plus

Physical

Size: 5.3W x 14.7H x 3.1D cm (2.1" x 5.8" x 1.2")

Weight: 9.5 ounces (269 g) with batteries

Display: 5.6H x 3.8W cm (2.2" x 1.5") high-contrast LCD with electro-luminescent backlighting

Case: Ultrasonically welded, waterproof to IPX-7 standards

Temp. Range: -15°C to 70°C (5°F to 158°F)

Memory Backup: Internal rechargeable lithium battery

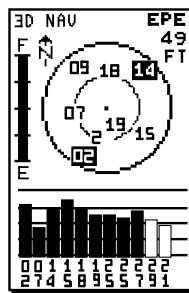
Accessories

Standard: GPS 12 Receiver
User's Manual
Quick Reference Guide
Wrist Strap

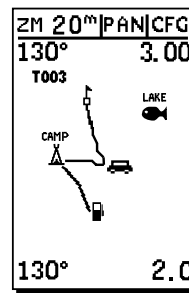
Optional: Carrying Case
Swivel Mount Brackets
Data Transfer Cable
Cigarette Lighter Adapter
PC Kit

Specifications are preliminary and subject to change without notice.

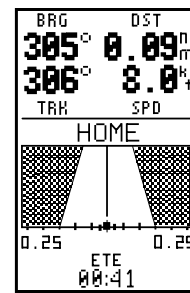
* Subject to accuracy degradation to 100m 2DRMS under the United States Department of Defence imposed Selective Availability Program.



Satellite Status



TracBack™



Graphic Steering



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