



GPS III Plus

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GPS III Plus

Specifications

Plotter/Moving Map Features

Basemap: Built-in detailed [Americas Highway](#) or [Atlantic Highway](#) basemap to 20 miles with lakes, rivers, interstates, national/state highways, secondary roads in metro areas, cities, railroads, airports and a detailed exit database for the Federal Highway system in the US only

MapSource®: Compatible with most Garmin® [MapSource](#) products. Accepts up to 1.44 megabytes of downloaded map detail.

Map Scale: Screen-width scale (500 feet to 3,000 miles)

Navigation Features

Waypoints:

- Total: 500 each with name, symbol, comment, and map display option
- Nearest: 9 (automatic) continuously updated

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

Track Log: 1900 points

Map Datums: 106

Coordinates: Lat/Lon, UTM/UPS, MGRS, Loran TDs, plus other grids, including Maidenhead and User Grid

Performance

Receiver: Differential-ready 12 parallel channel receiver continuously tracks and uses up to twelve satellites to compute and update a position

Acquisition Times:

- Warm: approx. 15 seconds
- Cold: approx. 45 seconds
- Autolocate™: approx. 5 minutes
- EZinit™: easy initialization, 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: Detachable with standard BNC connector

Physical

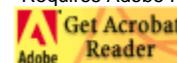
Size: 2.32 H x 5 L x 1.62 W inches (5.9 x 12.7 x 4.1 cm)

Weight: 9 ounces (255g) w/ batteries

Display: 2.2 W x 1.5 H inches (5.6 x 3.8 cm) high-contrast electroluminescent backlit FTN display; switchable

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*Requires Adobe Reader 5.0+



orientation (100 x 160 pixels with gray scale)

Memory: Internal lithium battery lasts up to 10 years

Power

Source: 10-32 VDC (4 AA batteries)

Usage: 0.75 watts

Battery Life: Up to 36 hours

Specifications are subject to change without notice.

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

 **Product Comparison**



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