

# GPS III PLUS



## Street Level Mapping in a Compact Handheld

GARMIN's new GPS III Plus offers cartographic capabilities formerly found only in high-end automotive navigation and marine chartplotting units. Simply plug it into a PC and download data from GARMIN's line of MapSource™ CD ROMs and you'll enjoy detailed maps.

Whether you're cruising the streets or pounding the waves, GARMIN has the maps you need. Choose the "U.S. Road & Recreation" CD for city street level detail and features such as lake and river shore lines, boat ramp and marina locations. Other CDs give you worldwide coverage of coastlines, including an extensive database of cities, nav aids and inland roads.

Even without additional cartography, the basemap in the GPS III Plus will get you where you're going. More than 10,000 new towns have been added to the basemap. You also get airport locations, secondary roads in metro areas and even detailed exit information for the federal interstate highway system, including available lodging, food and service stations.

- Accepts MapSource™ CD ROMs for enhanced mapping detail.

- Powerful PhaseTrac12™ twelve parallel channel receiver, tracks and uses up to twelve satellites for fast, accurate positioning.

- Versatile screen switches from horizontal to vertical orientation (and back again) with the press of a button.

- Adaptable navigation page with either compass or highway steering guidance, and user-selectable data fields.

- Patented TracBack™ feature lets you quickly navigate your track log back home without manually storing waypoints.

- Trip odometer, average and maximum speed, and auto start/stop trip timer.

- Rugged construction with locking rubber battery cover.

# GARMIN's GPS III Plus— the CD compatible portable map.



## Moving Map Features

**Basemap:** Built-in Americas to 20 mi; includes lakes, rivers, cities, railroads, coastlines, interstates, national and state highways with exit info

**CD ROM:** Uploadable, detailed map data available from MapSource CDs

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

## Navigation Features

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

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

**Track Log:** Approximately 1900 active log points plus 10 saved logs

**Map Datums:** Over 100

**Coordinates:** Lat/Lon plus 10 grids, including UTM/UPS, Maidenhead and a user-UTM grid

## Performance

**Receiver:** Differential-ready, 12 parallel channel receiver continuously tracks and uses up to 12 satellites

## Acquisition Times

**Warm:** Approximately 15 seconds  
**Cold:** Approximately 45 seconds  
**AutoLocate™:** Approximately 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 RS-232 DGPS correction

## Antenna:

Detachable with standard BNC-type connector

## Physical

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

**Weight:** 9 ounces (255g) with batteries

**Display:** 2.2"W x 1.5"H (5.6 x 3.8 cm) high-contrast electroluminescent backlit FTN display (100x160 pixels); switchable orientation

**Memory:** Internal lithium battery backup lasts up to 10 years

## Power

**Source:** 4 AA batteries or 10-32VDC  
**Usage:** 0.75 watts  
**Battery Life:** 36 hours

## Accessories

**Standard:** Wrist Strap  
User's Manual  
PCI Interface Cable  
Velcro Mount  
Quick Reference Card

**Optional:** MapSource CDs  
Automotive Dash Bracket  
Bicycle Handlebar Bracket  
Cigarette Lighter Adapter  
PC-Kit (with Data Cable)  
Power/Data Cable  
Carrying Case  
Remote Antenna (GA26)  
GBR21 Differential Beacon Receiver for DGPS Corrections

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.

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