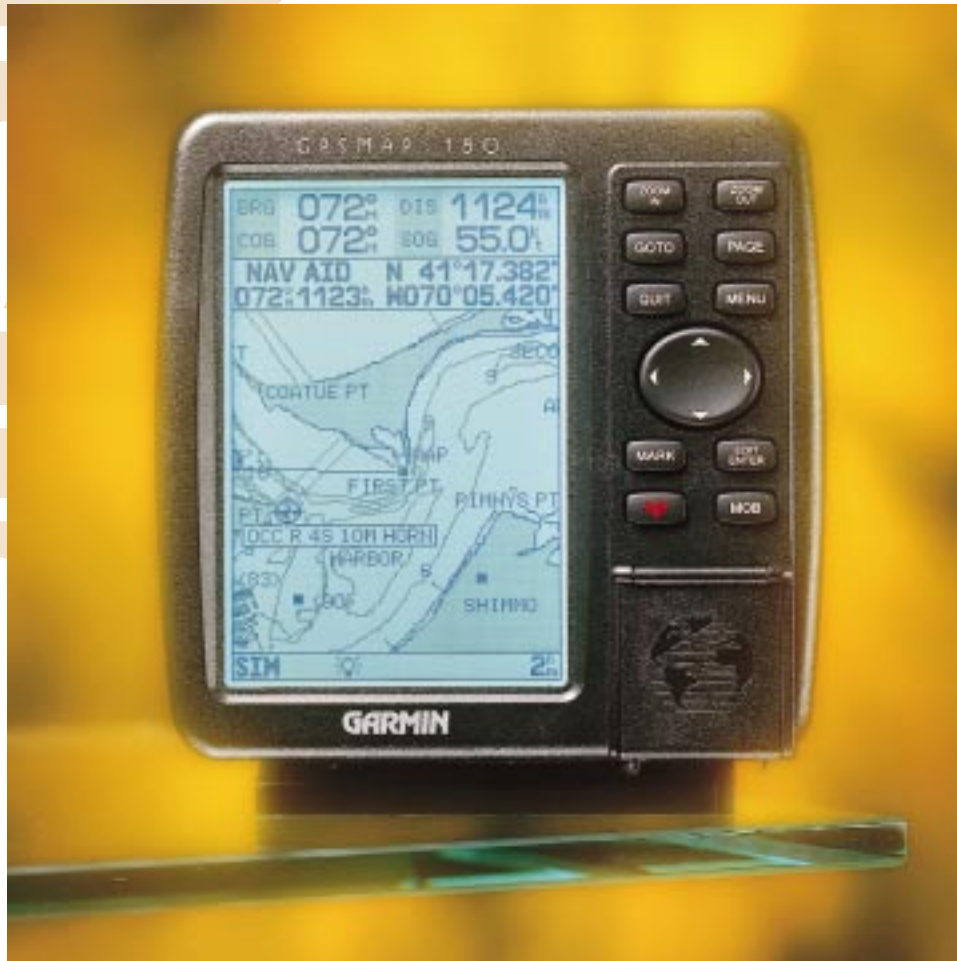


# GPSMAP 180



## A Perfect Fit for Every Mariner

The new GARMIN GPSMAP 180 offers boaters the latest GPS technology on a 5.5" diagonal display that's a perfect combination of outstanding GPS accuracy and easy-reading plotter graphics. Add in simple, menu-driven operation, micro G-chart™ cartridge cartography, and a powerful 12 parallel channel GPS receiver, and you get a GPS chartplotter that's ideal for many mariners.

The GPSMAP 180 boasts an impressive set of navigation features like user-selectable data fields, simple point-and-shoot waypoint and route creation, fuel and trip planning, GARMIN's exclusive TracBack™ track log navigation, one-button map scale selection and straightforward map panning using the rocker keypad. It even comes complete with a surface/flush mount bracket that makes installation down right easy — in the bulkhead or at the helm. The GPSMAP 180 is ready to fit your application.

12 parallel channel receiver tracks and uses up to 12 satellites for fast, accurate positioning.

Simple, menu-driven operation with 'point and shoot' creation of waypoints and routes.

5.5" diagonal, 4-level gray display with crisp graphics, track up plotting, full-featured zooming and panning capability, backlighting of keys and display for night time operation.

Graphic highway provides steering guidance with user selectable view, data fields and waypoint display options.

Built-in worldwide background map, accepts optional micro G-chart™ cartridges with inland water or Navionics® offshore cartography sealed in a datacard cavity.

Exclusive TracBack™ feature lets you quickly navigate back to port without manually entering waypoints.



# GPSMAP 180

## Navigation Features

Waypoints:	
Total:	250 alphanumeric
Nearest:	9 (automatic)
Proximity:	9 (definable)
Routes:	20 reversible with up to 30 points each, plus MOB and TracBack modes
Track Log:	Approx. 2,000 points
Map Datums:	106
Coordinates:	Lat/Lon, UTM/UPS, plus 7 grids, including Maidenhead

## Performance

Receiver:	Differential-ready 12 parallel channel receiver tracks all satellites in view
Acquisition Times:	
Warm:	Approx. 15 seconds
Cold:	Approx. 45 seconds
AutoLocate™:	Approx. 5 minutes
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 0180, 0182, 0183 and RTCM 104 DGPS corrections
Antenna:	GA 28 Remote Marine Mount with 30' cable

## Plotter/Moving Map Features

Database:	Built-in worldwide to 64 nm
Data Cartridges:	micro G-chart™ cartridges with inland water and Navionics offshore cartography for seamless, detailed mapping and worldwide coverage (optional)
Plotting Scales:	1/8 to 4096 nm with dedicated push-button zoom control

## Power

Source:	10-40v DC
Usage:	10 watts max.

## Physical

Size:	6.18" H x 6.30" W x 2.64" D (157mm x 160mm x 67 mm)
Weight:	26.9 oz. (.763 kg)
Display:	5.5" diagonal (141mm) high-contrast, LCD with CCFL backlighting (160 x 240 pixels)
Case:	Fully gasketed, high-impact plastic alloy, waterproof to IEC 529-IPX-7
Temp. Range:	5° F to 158° F (-15° C to 70° C)

## Accessories

Standard:	GPSMAP 180 Chartplotting Receiver Remote Antenna with 30' Cable Power/Data Cable User's Manual Surface/Flush Mount Bracket with Knobs Quick Reference Guide
Optional:	PC Kit micro G-chart Cartography Cartridges Beacon Receiver for Differential 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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