



These sturdy handhelds are right at home on land or sea. They're tough on the outside, waterproof, and yes, they even float. Whether you choose the basic navigation features of the GPS 76

## Rugged, waterproof, unsinkable, WAAS GPS receivers

or the detailed mapping capabilities of the GPSMAP 76, you will always know where you are and where you're going.

Both feature built-in quadrifilar antennas for superior reception, and they are WAAS capable, which means you will get even greater location accuracy whenever you

need it. View your location on a large,

sharp, four-level grayscale screen

for excellent separation and contrast.



## GPS 76 and GPSMAP 76 specifications

### Navigation features

<b>Waypoints/icons:</b>	500 with name and graphic symbol, 10 nearest (automatic), 10 proximity
<b>Routes:</b>	50 reversible routes with up to 50 points each, plus MOB and TracBack® modes
<b>Tracks:</b>	Automatic track log; 10 saved tracks let you retrace your path in both directions
<b>Trip computer:</b>	Current speed, average speed, resettable max. speed, trip timer and trip distance
<b>Alarms:</b>	Anchor drag, approach and arrival, off-course, proximity waypoint, shallow water and deep water
<b>Tables:</b>	Built-in celestial tables for best times to fish and hunt, sun and moon rise, set and location
<b>Map datums:</b>	More than 100 plus user datum
<b>Position format:</b>	Lat/Lon, UTM/UPS, Maidenhead, MGRS, Loran TDs and other grids, including user grid

### GPS performance

<b>Receiver:</b>	WAAS enabled, 12 parallel channel GPS receiver continuously tracks and uses up to 12 satellites to compute and update your position
<b>Acquisition times:</b>	
<b>Warm:</b>	Approximately 15 seconds
<b>Cold:</b>	Approximately 45 seconds
<b>AutoLocate™:</b>	Approximately 2 minutes
<b>Update rate:</b>	1/second, continuous
<b>GPS accuracy:</b>	
<b>Position:</b>	< 15 meters, 95% typical*
<b>Velocity:</b>	0.05 meter/sec steady state
<b>DGPS (USCG) accuracy:</b>	
<b>Position:</b>	3-5 meters, 95% typical*
<b>Velocity:</b>	0.05 meter/sec steady state
<b>DGPS (WAAS) accuracy:</b>	
<b>Position:</b>	< 3 meters, 95% typical*
<b>Velocity:</b>	0.05 meter/sec steady state
<b>Dynamics:</b>	6 g's
<b>Interfaces:</b>	RS232 with NMEA 0183, RTCM 104 DGPS data format and proprietary GARMIN

<b>Antenna:</b>	Built-in quadrifilar, with external antenna connection (MCX)
<b>Differential:</b>	DGPS, USCG and WAAS capable

### Moving map features

<b>Basemap: (GPS 76)</b>	Marine database. Preloaded with worldwide cities, nav aids, Americas and U.S.A. tide data
<b>(GPSMAP 76)</b>	Detailed basemap with cities, highways, interstates, exit info, rivers, lakes; Preloaded with worldwide cities, nav aids, Americas and U.S.A. tide data
<b>Uploadable maps: (GPS 76)</b>	Accepts up to 1 megabyte of data from the optional MapSource™ Points of Interest CD**
<b>(GPSMAP 76)</b>	Accepts up to 8 megabytes of downloaded map detail from a variety of optional MapSource CDs**

### Power

<b>Source:</b>	Two "AA" batteries (not included)
<b>Battery life:</b>	Up to 16 hours

### Physical

<b>Size:</b>	2.7"W x 6.2"H x 1.4"D (6.9 x 15.7 x 3.6 cm)
<b>Weight:</b>	Less than 1 pound (454 g)
<b>Display:</b>	1.6"W x 2.2"H (4.1 x 5.6 cm) 180 x 240 pixels, high-contrast FSTN with bright backlighting
<b>Case:</b>	Fully gasketed, high impact plastic alloy, waterproof to IEC 529 IPX7 standards
<b>Temp. range:</b>	5°F to 158°F (-15°C to 70°C)
<b>User data storage:</b>	Indefinite, no memory battery required

### Accessories

<b>Standard:</b>	PC interface cable Owner's manual Quick reference guide Wrist strap
<b>Optional:</b>	Automotive mount Marine mount Carrying case 12-volt adapter cable Power/data cable Remote GPS antenna MapSource™ CD-ROMs Instructional video



The satellite status page shows which satellites are being received, along with your position.



With downloaded points of interest, you can look up destinations and view detailed information.



The GPSMAP 76 accepts downloaded map detail, including topo maps with elevation information.

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Specifications are preliminary and subject to change without notice.

\* Subject to accuracy degradation to 100m 2DRMS under the U.S. Department of Defense imposed Selective Availability Program.

\*\* These units are also able to transfer waypoints, routes and tracks between the PC and GPS using MapSource.™

GPS 76



GPSMAP 76

