

With the GPS 152 onboard, you can head out for a day on the water knowing that you will easily find your way back. The 12-channel GPS is WAAS capable for incredible accuracy. It features a horizontal



Easy-to-use marine GPS puts you on the map

display and simple keypad layout, leaving you with maximum viewing area. Thanks to its four-level grayscale screen with adjustable backlighting, you'll be able to view your position in all lighting conditions. The GPS 152 comes loaded with American cities and navaids and tide data for the U.S. It even accepts downloaded data from the optional MapSource™ Points of Interest CD for listings of marinas, restaurants, campgrounds and other services.



GPS 152 specifications

Navigation features

Waypoints/icons:	500 with name and graphic symbol, 10 nearest (automatic), 10 proximity
Routes:	20 reversible routes with up to 30 points each, plus MOB and TracBack® modes
Tracks:	Automatic track log; 10 saved tracks let you retrace your path in both directions
Trip computer:	Trip odometer, stopped time, moving average, moving time, total average, total time, maximum speed, odometer
Alarms:	Anchor drag, arrival, off-course, proximity waypoint and clock
Tables:	Built-in celestial tables for sun and moon by date and position
Tides:	Tide data (U.S.A. only)
Map datums:	More than 100 plus user datum
Position format:	Lat/Lon, UTM/UPS, Maidenhead, MGRS, Loran TDs and other grids

GPS performance

Receiver:	WAAS enabled, 12 parallel channel GPS receiver continuously tracks and uses up to 12 satellites to compute and update your position
Acquisition times:	
Warm:	Approximately 15 seconds
Cold:	Approximately 45 seconds
AutoLocate™:	Approximately 5 minutes
Update rate:	1/second, continuous
GPS accuracy:	
Position:	< 15 meters, 95% typical*
Velocity:	0.05 meter/sec steady state
DGPS (USCG) accuracy:	(Requires the purchase of optional beacon receiver)
Position:	3-5 meters, 95% typical*
Velocity:	0.05 meter/sec steady state
DGPS (WAAS) accuracy:	
Position:	< 3 meters, 95% typical*
Velocity:	0.05 meter/sec steady state
Dynamics:	6 g's
Interfaces:	NMEA 0183 (2 inputs), RTCM 104 DGPS and proprietary GARMIN
Antenna:	Internal QuadHelix; GPS 152 external (GA29 remote marine mount with 30 ft. cable)
Differential:	WAAS enabled USCG, RTCM-104 (Requires the purchase of optional beacon receiver)

Power

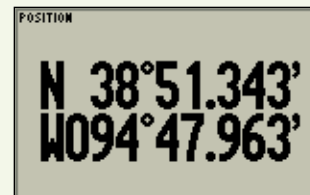
Source:	10-40 VDC
Usage:	5 watts maximum at 10 VDC

Physical

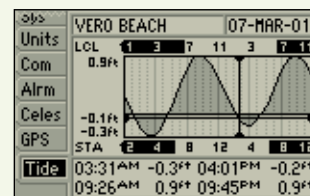
Size:	5.0"W x 4.9"H x 2.5"D (13.4 x 12.5 x 6.1 cm)
Weight:	Less than 1 pound (454 g)
Display:	4.0" diagonal (10.2 cm) 160 x 100 pixels, FSTN with adjustable backlighting
Case:	Fully gasketed, high impact plastic alloy, waterproof to IEC 529 IPX7 standards
Temperature range:	5°F to 158°F (-15°C to 70°C)
User data storage:	Indefinite, no memory battery required
Internal memory:	1 megabyte, for downloading maps and points of interest

Accessories

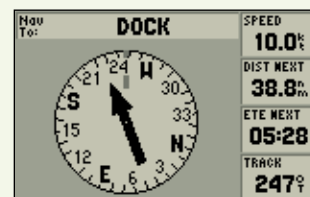
Standard:	Power/data cable Owner's manual Mounting bracket Quick reference guide GPS antenna
Optional:	AC/PC adapter, 7-pin PC interface cable 12-volt adapter cable MapSource™ Points of Interest CD-ROM GBR 23 beacon receiver



Big numbers display clearly shows your position.



The GPS 152 comes with tide data for the U.S.A.



The pointer page provides graphic steering guidance and other 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.