

The GPSMAP® 162 and GPSMAP® 168

Sounder pack a boatload of features

Chartplotters that cover the world in little space

into a sleek unit that won't eat up precious space onboard. The large, four-level grayscale screen provides top viewing quality while the WAAS-capable receiver delivers accuracy to within 3 meters. The 168 Sounder adds powerful sonar capabilities to the mix, leaving fish nowhere to hide.

Both units accept downloaded data from MapSource® CD-ROMs, including the BlueChart™ CD for offshore detail and Fishing Hot Spots® for detailed lake profiles and fishing information.



specifications



Navigation features

Waypoints:

Total: 500 alphanumeric
 Nearest: 10 (automatic)
 Proximity: 10 (definable)

Routes:

20 reversible with up to 30 points each, plus MOB and TracBack™ modes

Track log:

Approx. 2,000 points

Map datums:

106 plus user datum

Coordinates:

Lat/Lon, UTM/UPS, Loran TD, plus 10 grids, including Maidenhead

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: Approx. 15 seconds
 Cold: Approx. 45 seconds
 AutoLocate™: Approx. 5 minutes

Update rate:

1/second, continuous

GPS accuracy:

Position: < 15 meters, 95% typical*
 Velocity: 0.05 meter/sec steady state

DGPS (USCG) accuracy:

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:

6g's

Interfaces:

NMEA 0183 and
 RTCM 104 DGPS corrections

Antenna:

GA 29 remote marine mount with 30' cable

Plotter/moving map features

Basemap:

Built-in basemap of the Americas to 20 miles includes detailed ocean, river and lake coastlines, cities, interstates, US state highways and local thoroughfares

Uploadable maps:

Up to 2.5 megabytes of data (data is optional)

Plotting scales:

120 feet to 800 nm with dedicated push-button zoom control

Power

Source:

GPSMAP 162 = 10-40vDC
 GPSMAP 168 Sounder = 12-18vDC

Usage:

GPSMAP 162 = 4 watts max.
 GPSMAP 168 Sounder = 10 watts max.

Physical

Size:

4.63" H x 6.0" W x 2.75" D
 (11.7cm x 15.2cm x 7cm)

Weight:

1 lb. 6 oz. (0.763 kg)

Display:

4.2" diagonal (10.7cm) high-contrast, 4-level gray LCD with backlighting (240 x 240 pixels)

Case:

Fully gasketed, high-impact plastic alloy, waterproof to IEC 529-IPX-7

Temperature range:

5° F to 158° F (-15° C to 70° C)

Accessories

Standard:

GPSmap 162 chartplotting receiver
 Remote antenna with 30' cable or bail mount antenna bracket (shown below)
 Power/data cable
 PC cable with AC adapter
 User's manual
 Surface/flush mount bracket with knobs
 Quick start guide
 Transom mount transducer** (168 Sdr only)

Optional:

MapSource™ CDs:
 Fishing Hot Spots®, BlueChart™ Topo, U.S. Roads & Recreation, WorldMap, U.S. Waterways & Lights
 Beacon receiver for differential corrections
 Transducers in a wide variety of transom and thru-hull mounts
 Marine swivel mount – 1 inch RAM®
 Quick release flush mount kit

Depth Sounder features (GPSMAP 168 Sounder only)

Frequency:

200 kHz

Transmit power:

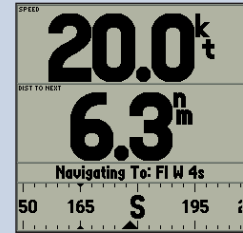
150 watts (RMS), 1200 watts (peak to peak)

Display options:

Auto bottom tracking, auto ranging, 2X and 4X zoom levels, split screen feature, and 3-level fish ID

Alarms:

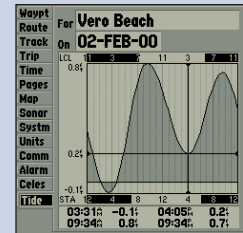
Fish and shallow/deep water



Big numbers option shows your navigation status at a glance.



View satellite and differential receiver status, along with your position, all on one page.



Tide prediction capability is a feature on both the GPSMAP 162 and 168 Sounder (U.S. and Canada only).

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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.

** Also available without a transducer.



GPSMAP 168 Sounder
 (shown with internal antenna)



GPSMAP 162



GPSMAP 168 Sounder