The GPSMAP® 162 and GPSMAP® 168 Sounder pack a boatload of features 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.

Chartplotters that cover the world in little space



specifications

WAAS enabled · Fishing Hot Spots · BlueChart® compatible

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



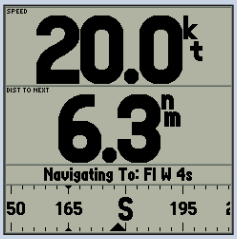
GPSMAP 168 Sounder
(shown with internal antenna)



GPSMAP 162



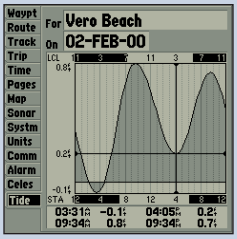
GPSMAP 168 Sounder



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.