

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:

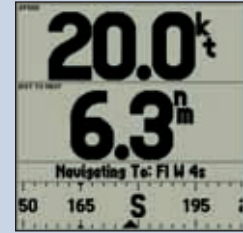
150 watts (RMS), 1200 watts (peak to peak)

#### Display options:

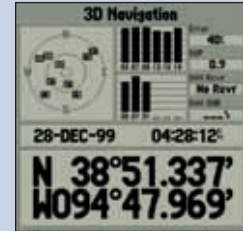
Auto bottom tracking, auto ranging, 2X and 4X zoom levels, split screen feature, and 3-level fish ID

#### Alarms:

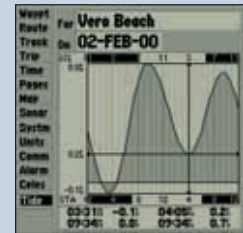
Fish and shallow/deep water



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