

# GPSMAP 185 Sounder



## Three-In-One Performance Packed In A Midsize Case

The GARMIN GPSMAP 185 Sounder offers unique functionality to the fisherman who wants it all. It boasts a generous display. A small footprint for space-challenged installations. Powerful 12 parallel channel GPS performance. Detailed digital chartplotting. And a 200 KHz sounder/fishfinder.

As for the Sounder, dual frequency operation lets you keep an eye on both deep and shallow water. A variable zoom window shows details at the touch of a button. And an exclusive underwater waypoint capability allows you to store the position and depth of objects below the water's surface.

GARMIN's reputation as a navigation leader is evidenced in the GPSMAP 185 Sounder. Accurate 12 parallel channel GPS position information is displayed on a big built-in basemap. GARMIN micro G-chart™ cartridges give you even greater map details for inland or offshore operations.

Despite all the capabilities of the GPSMAP 185 Sounder, it remains easy to use. Uncluttered and intuitive, it has the distinct look and feel of a winner.

Split screen displays GPS/plotter and sounder data simultaneously.

Big, 4-level grayscale display measures 5.5" diagonally.

Exclusive See-Thru™ technology separates black fish returns from thermoclines and structure.

Graphic whiteline display with Depth Controlled Gain (DCG™) presents a clear image of bottom hardness, structure and thermoclines.

One-touch instant zoom rescales entire screen, while 2X and 4X oversampling provides greater detail of the bottom.

200 KHz frequency fishfinder is transmitted at 400 watts RMS.

A built-in worldwide basemap is supplemented with micro G-chart™ cartridges for detailed inland water and Navionics offshore cartography.

Outstanding saltwater sounder performance to 1200 feet.



# GPSMAP 185 Sounder

## Navigation Features

Waypoints:  
Total: 250 alphanumeric  
Nearest: 9 (automatic)  
Proximity: 9 (definable)  
Routes: 20 reversible routes with up to 30 waypoints each, plus MOB and TracBack™ modes  
Track Log: Approx. 2,000 points  
Map Datums: 106  
Coordinates: Lat/lon, UTM/UPS, plus 7 grids, including Maidenhead

## Performance

GPS Receiver: Differential-ready 12 parallel channel receiver tracks all satellites in view

Depth Sounder:  
Frequency: 200 KHz  
Transmit Power: 400 watts (RMS)  
3200 watts (peak to peak)

## GPS Acquisition Times:

Warm: Approx. 15 seconds  
Cold: Approx. 45 seconds  
AutoLocate™: Approx. 5 minutes  
Update Rate: 1/second, continuous

Accuracy:  
Position: 15 meters (49 feet) RMS\*  
1-5 meters (3-15 feet) RMS with GARMIN GBR 21 DGPS receiver (optional)

Velocity: 0.1 knot RMS steady state

Dynamics: 6g's  
Interfaces: NMEA 0180, 0182, 0183 and RTCM 104 DGPS corrections

Antenna: GA 28 Remote Marine Mount with 30' cable

## Plotter/Moving Map Features

Database: Built-in basemap to 64 nm (32 nm U.S.) with coasts, rivers, lakes, political boundaries, plus major cities and highways

Data Cartridges: Micro G-chart™ cartridges with inland water and Navionics offshore cartography for seamless, detailed mapping and worldwide coverage (optional)

Plotting Scales: 1/8 to 4096 nm with dedicated push-button zoom control

## Power

Source: 10-40 volts DC  
Usage: 15 watts (max)

## Depth Sounder Features

Display Options: Auto bottom tracking, auto ranging, 4 zoom levels, split screen feature, and 3-level fish ID  
Alarms: Fish and shallow/deep water

## Physical

Size: 6.18"H x 6.30"W x 2.64"D (157mm x 160mm x 67mm)  
Weight: 28.8 oz. (.816 kg)  
Display: 5.5" diagonal (141mm) high-contrast, 4-level gray LCD with backlighting (160 x 240 pixels)  
Case: Fully gasketed, high-impact plastic alloy, waterproof to IEC 529-IPX-7  
Temp. Range: 5°F to 158°F (-15°C to 70°C)

## Accessories

Standard:  
GPSMAP 185 Chartplotting Depth Sounder Standard Transom-Mount Transducer\*\*  
Remote Antenna with 30' Cable  
Power/Data Cable  
Surface/Flush Mount Bracket with Knobs  
User's Manual  
Quick Reference Guide  
Optional:  
PC Kit  
Micro G-chart™ Cartography Cartridges  
Transducers in a Wide Variety of Transom and Through-Hull Mounts

Specifications are preliminary and subject to change without notice.

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

\*\* Also available without a transducer.

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