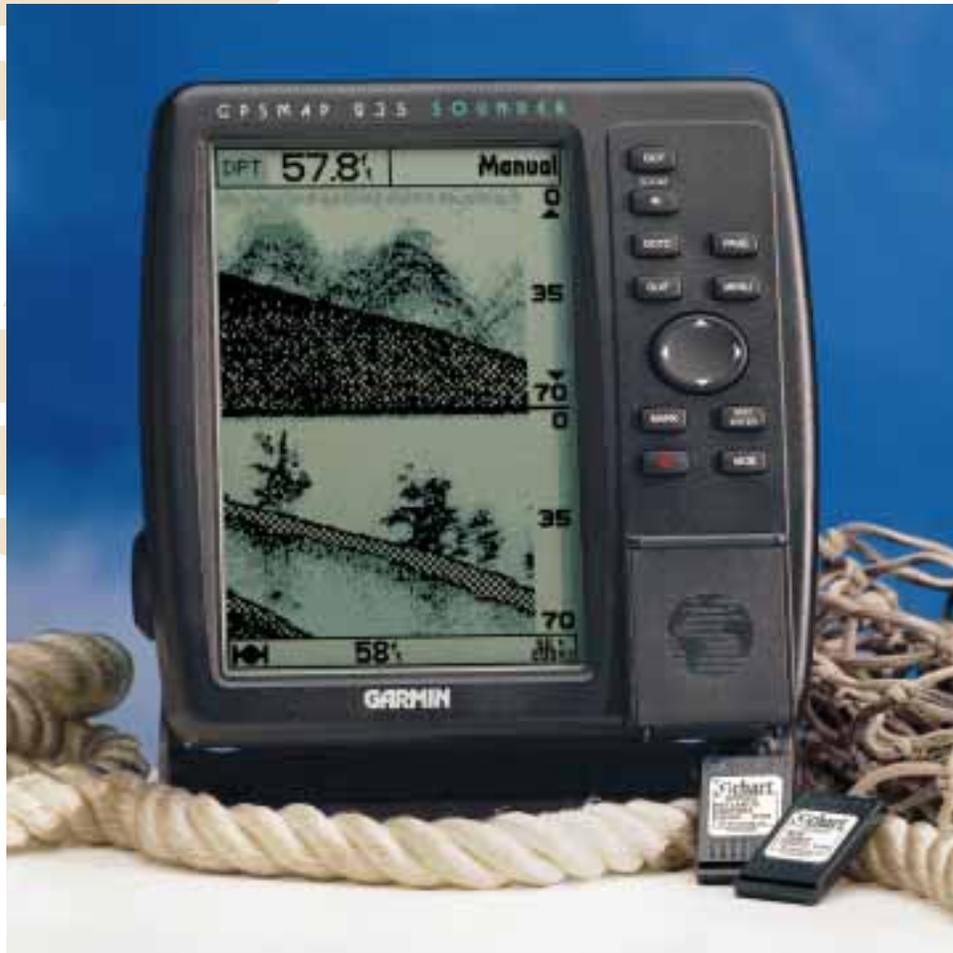


GPSMAP 235 Sounder



GARMIN Innovation Above And Below The Surface

The GPSMAP 235 Sounder offers the advantage of an innovative depth sounder and the proven performance of GARMIN GPS chartplotting in a single, easy-to-use package.

GARMIN's 235 depth sounder is packed with a combination of features you won't find in any other sounder. Dual frequency operation gives you the clearest possible image in both deep and shallow water. Powerful noise rejection effectively removes the most stubborn cross talk and interference. 24 square inches of active viewing area gives you sizeable detail coverage. A variable zoom window allows you to view increased detail at the touch of a button. You can even mark underwater waypoints to capture the position and depth of objects like reefs, dropoffs or hazards, to permanently store them for future use. Combine these innovations with a wide range of additional advanced features, and it's easy to see that the GPSMAP 235 Sounder is designed to give you all the information you need.

If having the best depth sounder on the market isn't enough, add

navigational guidance that is second to none. The GPSMAP 235 Sounder features GARMIN's high performance 12 parallel channel GPS receiver for unmatched accuracy and G-chart™ digital cartography for chartplotting on inland or offshore waters.

Crisp, 4-level grayscale display and GARMIN's exclusive See-Thru™ technology separates black fish returns from the light gray returns of thermoclines and structure.

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

Innovative split screen displays GPS cartography and sounder data simultaneously.

Graphic whiteline display with Depth Controlled Gain (DCG™) feature always presents a clear image of bottom hardness, structure, and thermoclines not found in other fishfinders.

Excellent sounder dynamic range for viewing weak signals in the presence of strong signals.



GPSMAP 235 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: 50 & 200 KHz
Transmit Power: 500 W RMS
(4000 W 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:

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: 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 Vdc
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: 7.5" H x 7.7" W x 2.6" D
(19.1 x 19.6 x 6.6 cm)
Weight: 2.0 lbs. (.908 kg)
Display: 7.1" diagonal (18.4 cm)
high-contrast, 4-level gray LCD with backlighting (160 x 240 pixels)
Case: Fully gasketed, high-impact plastic alloy
Temp. Range: 5° F to 158° F (-15° C to 70° C)

Accessories

Standard:

GPS 235 Chartplotting Depth Sounder Standard Transom-Mount Transducer**
Remote Antenna with 30' Cable
Power/Data Cable
Surface/Flush Mount Bracket with Knobs
User's Manual

Optional:

Quick Reference Guide
PC Kit
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.

GARMIN International
1200 East 151st Street
Olathe, Kansas 66062, U.S.A.
913/397.8200 FAX 913/397.8282

GARMIN (Europe) Ltd.
Unit 5, The Quadrangle, Abbey Park Industrial Estate
Romsey, SO51 9AQ, U.K.
44/1794.519944 FAX 44/1794.519222

GARMIN (Asia) Corporation
3rd Floor, No. 1, Lane 45, Pao-Hsing Road
Hsin-Tien, Taiwan
886/2.2917.3773 FAX 886/2.2917.1758

www.garmin.com

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