

Brilliant color or value-priced grayscale.

Either choice leads to great navigation

performance with Garmin's newest GPS

Chart your course with GPS to navigate with confidence.

chartplotters: the GPSMAP® 172/172C

and GPSMAP® 178/178C Sounder. These

rugged, waterproof, fixed-mount units

pack a boatload of wayfaring features

into sleek, space-saving formats. Bright,

sunlight-readable 4.5-inch LCD screens

offer outstanding clarity and detail –

while 200-MHz processors ensure

lightning-quick panning, zoom and map

redraw rates. The Sounder version

GPSMAP 178/178C adds powerful sonar

capabilities to the mix, leaving fish

nowhere to hide. And preprogrammed

or user-programmed data cartridges can

be used to enhance the plotters' built-in

basemaps with detailed BlueChart®

marine cartography.





Navigation features

- Waypoints/icons:** 3,000 waypoints with name, symbol, depth and water symbols, 10 proximity
- Routes:** 50 reversible routes with up to 50 points each, plus MOB and TracBack® modes
- Tracks:** 10,000 point automatic track log; 15 saved tracks (up to 700 track points each) let you retrace your path in both directions
- Trip computer:** Trip odometer, stopped time, moving average, moving time, total average, total time, maximum speed, odometer
- Alarms:** Anchor drag, arrival, off-course, proximity waypoint and clock
- Tables:** Built-in celestial tables for sun and moon by date and position
- Tides:** Tide data (U.S.A. only)
- Map datums:** More than 106 including user datum
- Position format:** Lat/Lon, UTM/UPS, Maidenhead, MGRS, Loran TDs and other grids
- DSC Support:** Yes

GPS 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:** Approximately 15 seconds
 - Cold:** Approximately 45 seconds
 - AutoLocate™:** Approximately 5 minutes
- Update rate:** 1/second, continuous
- GPS accuracy:**
 - Position:** < 15 meters, (49 feet) 95% typical
 - Velocity:** 0.05 meter/sec steady state
- Interfaces:** NMEA 0183 (2 inputs), RTCM 104 DGPS corrections and outputs
- Antenna:** Choice of Internal or External QuadHelix (GA 29 remote marine mount with 30' cable)

Plotter/moving map features

- Basemap:** Built-in Worldwide Marine basemap to 32 nm with coastlines, rivers, lakes, political boundaries, tide data for the U.S., cities, interstates, U.S. state highways and major thoroughfares
- Uploadable maps:** Accepts preprogrammed or user-programmed Garmin data cards containing optional MapSource cartography
- Plotting scales:** 20 feet to 800 nm with dedicated push-button zoom control

Power

- Source:** 10-35 vDC
- Usage:** GPSMAP 172C/172 = 6 watts
GPSMAP 178C/178 sounder = 14 watts

Physical

- Size:** 4.9"H x 6.3"W x 2.8"D (122.5 x 157.5 x 71 mm)
- Weight:** 172C/172 = 1 lb. 1 oz.
178C/178 = 1 lb. 3.5 oz.
- Display:** 3.2" W x 3.2" H, 320 x 320 pixels with adjustable CCFL backlighting
172C/178C = 256 color CSTN
172/178 = 10-level FSTN
- Case:** Fully gasketed, high impact plastic alloy, waterproof to IEC 60529 IPX7 standards
- Temperature range:** 5°F to 131°F (-15°C to 50°C)
- User data storage:** Internal backup of user settings, no memory battery required

Accessories

- Standard:** Chartplotting receiver
Remote antenna with 30' cable or internal antenna
Power/data cable
User's manual
Single-knob tilt & swivel bracket
Quick start guide
Unit cover
Various transducers (178/178C only)
- Optional:** Compatible with most Garmin MapSource® products, including Recreational Lakes with Fishing Hot Spots®, BlueChart®, Recreational Lakes with Fishing Hot Spots®, Topo. (Garmin data cartridges required)
GPSMAP 172/172C chartplotter is compatible with optional GSD 20 remote module to add full Sounder capabilities

Depth Sounder features (GPSMAP 178/178C Sounder only)

- Frequency:** 50/200 kHz or 200 kHz
- Transmit power:** 500 watts (RMS), 4000 watts (peak-to-peak) w/ dual frequency transducer
400 watts (RMS), 3200 watts (peak-to-peak) w/ single frequency transducer
- Performance features:** Depth Control Gain (DCG®) for detailed bottom and structure views; adjustable range, gain and zoom; 3-level fish ID; graphic whitelist provides clear image of bottom hardness and structure; See-Thru® technology separates fish returns from thermoclines and structure
- Alarms:** Shallow water, fish by size, anchor drift, timer, temperature, and low battery voltage
- Transducers:** Choice of single or dual frequency transom-mount transducers. Also available without transducer



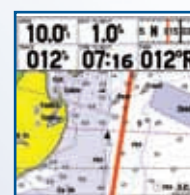
Map Page

Data cartridges provide optional MapSource data for enhanced map detail



Big Numbers Option

Enlarge size of data fields to make them readable from a distance



Navigation page

Shows distance, speed and direction to waypoint, helping you stay on course

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Specifications are preliminary and subject to change without notice.

