

SIMRAD®

Simrad GPS Systems P2005 and P3007

The Simrad® P2005 and P3007 GPS System Series offers a 5- or 7-inch superior colour display with easy touch control, position data accuracy, and reliability while enabling distribution of position, course, speed, time and navigation data to other bridge systems such as radar, ECDIS, and the autopilot. Offering a flexible installation by supporting a wide variety of I/O signal types, and a high clarity and contrast viewing distance with great data visibility.



The P3007 GPS System serves as a replacement for the MX612, MX610, and GN70 products. Both a GPS Navigator and GPS compass in one solution, each system works with a direct antenna connection. These new GPS Systems are scalable with an MX Junction Box, MX610JB or MX612JB.

The P2005 GPS system is geared towards workboats, the light professional segment, and other non-SOLAS vessels. The P2005 can be paired with a wide range of Simrad GPS antenna or GPS compasses. A Serial port expansion with optional junction box is also supported.

The P3007 GPS system is IMO approved for SOLAS vessels and, when paired with high-precision antennas, the P3007 system can be configured for use as a DGPS,

THD (Transmitting Heading Device). With an optional junction box, the system can be configured with up to 12 NMEA 0183 serial ports.

Both display sizes include value features such as; routes & waypoints, trip log, position & heading page, auxiliary AIS plot, configurable digital data pages, GPS + GLONASS, and an optional external pot-meter dimming feature.

Sensor data on analog input, serial ports, NMEA 2000, Ethernet (IEC61162-450), and a pulse speed log input are also included.



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FEATURES

- Routes and Waypoints
- Trip log
- Position page
- Heading page
- Auxiliary AIS plot
- Configurable digital data pages
- GPS + GLONASS
- External pot-meter dimming (optional)
- Sensor data on: Analog input, Serial ports, NMEA 2000, Ethernet (IEC61162-450), Pulse Speed log input

SPECIFICATIONS

Display		Interface / Connectivity	
Resolution	800 x 480	Ethernet	1x (RJ45)
Brightness	> 1200 nits	NMEA 2000	1x (Micro-C, 1 LEN)
Touch Screen	Full touch screen (multi-touch)	Data card reader	1x slot (microSD)
Viewing angles (typical value at contrast ratio = 10)	Left/right: 70°, top: 50°, bottom: 60°	Comms	
Electrical		IEC 61162-2 ports	2x
Supply voltage	12/24 V DC (9.0-31.2 V DC min-max)	Digital input	1x
Power consumption	680 mA/330 mA at 12 V DC (backlight full/off) 380 mA/200 mA at 24 V DC (backlight full/off)	Analog input	1x (voltage, OR frequency, OR current)
Recommended fuse rating (12 V / 24 V)	3 A	Power output (+16 V DC, 70 mA)	1x
Environmental		Physical	
Temperature range	-15°C to +55°C (5°F to 131°F)	Compass Safe Distance - Metric, Imperial	TBD
Storage temperature	-20°C to +60°C (4°F to 140°F)	Weight (display only)	1.32 kg (2.91 lbs)
Waterproof rating	IPX2	Mounting type	Panel mount or bracket
Category	Protected		
Shock, vibration and humidity	According to IEC 60945		

GLOBAL SERVICE



Our Service and Support hotlines are available 24/7/365.

Comes with:

- 2 Year Warranty
- Extended Warranty Options
- Global Service Network
- 2 Year OnBoard Support*
- 24 Hour Replacement*

*Applies to certified vessels only

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