

SIMRAD®

SINCE 1946

P2005 & P3007

GPS Systems

Simrad® P2005 and P3007 GPS System Series offers a 5" or 7" 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 Autopilot.

Offering a flexible installation by supporting a wide variety of I/O Signal types with optional NMEA 0183 expansion, and a high clarity and contrast viewing distance with great data visibility from anywhere on the bridge.



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 Antennas or GPS Compasses. It features all the same functionality as the IMO Compliant P3007 GPS System.

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 GPS, DGPS, and THD System. With an optional junction box, the system can be configured with up to 12 NMEA 0183® Serial ports.

Both displays include value features such as: Route & Waypoint Management, Trip Log, Position & Heading pages, Auxiliary AIS plot, and optional External Potentiometer Dimming, Speed Log Pulse Input or MOB key.

2x NMEA 0183® Serial Ports, NMEA 2000® and IEC61162-450 LWE Ethernet Communication.

Key Features

- Position and Heading Pages
- Trip Log
- Route and Waypoint Management
- Auxiliary AIS Page
- GPS + GLONASS
- 2x NMEA 0183® 4800-38400 Baud
- NMEA 2000®
- IEC61162-450 LWE Ethernet
- External Potmeter Dimming
- MOB Key OR Speed Log Pulse Input

Specifications

DISPLAY

Resolution	800 x 480
Brightness	1200 nits
Controls	Multi-Touch Display
Viewing angles (typical value at contrast ratio = 10)	Left/right: 70°, top: 50°, bottom: 60°

ELECTRICAL

Supply voltage	12/24 V DC (9.0-31.2 V DC min-max)
Power consumption	P2005: 650mA / 320mA at 12V 350mA / 190mA at 24V
	P3007: 680mA / 330mA at 12V 380mA / 200mA at 24V Backlight Max / Min
Recommended fuse rating (12 V / 24 V)	3 A

ENVIRONMENTAL

Temperature range	-15°C to +55°C (5°F to 131°F)
Storage temperature	-20°C to +60°C (4°F to 140°F)
Waterproof rating	P2005: IPX6 IPX7 P3007: IPX2
Category	Protected
Shock, vibration and humidity	According to IEC 60945

INTERFACE / CONNECTIVITY

Ethernet	1x RJ45 IEC61162-450 LWE
NMEA 2000®	1x Micro-C, 1 LEN
Memory Card	1x microSD Card Slot
NMEA 0183®	2x IEC 61161-2 Ports
Digital Input	1x
Power Output	16V DC - 70mA Max
Analog Input	1x

PHYSICAL

Compass Safe Distance	P2005: 0.6m (2ft) P3007: 0.9m (3ft)
Weight (Display Only)	P2005: 0.54kg (1.18lbs) P3007: 1.32kg (2.91lbs)
Mounting type	Dash Mount or Bracket

Global Service & Support

Includes:

- 2 Year Warranty
- Extended Warranty Options
- Service & Support Hotlines
- 2 Year Onboard Support*

* Applies to certified vessels only



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