

# R2009 Radar Control Unit

The Simrad R2009 is a dedicated radar control unit with integrated 9-inch portrait display, compatible with a range of Simrad radar solutions including Halo™ Pulse Compression, Broadband 3G™/4G™, and HD Digital Radar. An ideal safety and navigation accessory for offshore cruisers and sportfishing vessels, the R2009 offers versatile flush or bracket-mount installation options and intuitive keypad based operation for reliable control in all conditions.



## Dedicated Radar Control Display

The R2009 radar control unit offers a professional-grade interface to Simrad Halo™ Pulse Compression, Broadband 3G™/4G™, and HD Digital radar solutions. Designed to match the modern styling of Simrad glass bridge displays and instruments, this dedicated radar display is a perfect complement to your NSS evo2 or NSO evo2 multifunction display system. Maximise your radar's utility by adding its own dedicated screen and controls, without compromising on a clean and consistent helm design.

## 9-inch Portrait Radar Control Unit

The R2009 maximises screen size where limited mounting space is available, with a compact 9-inch portrait display that's perfect for centre consoles. Its vertical layout allows for a radar picture almost the full width of the screen; alarms, indicators, and target tracking information are shown in widescreen panels above and below the main radar display.

## Rugged Design with Flexible Mounting Options

Designed to meet the needs of offshore cruisers, sportfishing and commercial vessels, the R2009 supports flush-mount installation in a console or dash, or bracket-mount installation with an included gimbal bracket. Watertight rear connectors mean the R2009 is IPX7 water-resistant from all sides, in either type of installation.

## Keypad Operation with Direct-Access Menu Keys

The R2009 is operated by an integrated keypad and rotary dial. Direct-access menu keys beside the display operate adjacent on-screen menu options, for quick and intuitive access to key settings and features. With reliable, long-life operation and clear tactile feedback, the R2009's large buttons are suitable for use in rough seas, while travelling at speed, and with wet or gloved hands.

Technical specifications overleaf.



## Networking & Expansion

The R2009 Radar Control Unit connects to compatible Simrad radar systems via Ethernet, offering simple installation and easy networking of multiple control units and radar systems. The R2009 also includes dual NMEA 0183® ports and NMEA 2000® connectivity for compatible devices such as heading and speed sensors, AIS, and GPS.

## Main Features:

- Dedicated radar control unit
- Compatible with Simrad Halo™ Pulse Compression, Broadband 3G™/4G™, and HD Digital Radar systems
- Automatic tuning system
- Anti-sea-clutter technology for an optimum picture under adverse weather conditions
- MARPA target tracking
- 9-inch portrait display
- High brightness for outside use
- Keypad and rotary-dial interface with 8 direct-access menu keys
- Bracket and flush-mount installation options
- Ethernet, NMEA0183 & NMEA2000 connectivity

# Technical Specifications

<b>▶ OVERVIEW</b>	
Display Size	9-inch portrait
Screen Brightness	≥1200cd/m <sup>2</sup>
Networking Capability	2x NMEA0183, 1x NMEA2000, 1x Ethernet
Video Integration	None
<b>▶ DISPLAY</b>	
Display Resolution [pixels & pixels]	480 x 800
Display Type	9-inch LED-backlit Color TFT LCD
<b>▶ TECHNICAL/ENVIRONMENTAL</b>	
Operating Temperature	-15°C to +55°C / 5°F to 131°F
Waterproof Standard/Rating	IPX7
Specified Standards	CE, RTCM SC112 Radar for non-IMO vessels, IEC62252 European small craft radar Class B (Pending Approval)
Product Width	224.3 mm / 8.83 in
Product Depth	82.3 mm / 3.24 in
Product Height	260.1 mm / 10.24 in
Product Weight	1.95 kg / 4.3 lb
<b>▶ POWER</b>	
Power Supply (Supply Voltage)	12-24 V DC
Power Consumption	11 W
<b>▶ OTHER</b>	
Languages US English, UK English, French, Spanish, Portuguese, Portuguese (Brazil), Italian, Dutch, German, Swedish, Finnish, Norwegian/Danish, Icelandic, Russian, Ukrainian, Slovakian, Croatian, Hungarian, Bulgarian, Greek, Polish, Estonian, Czech, Afrikaans, Farsi, Arabic, Urdu (Pakistan), Indian Dialects (Hindi), Sri Lankan, Turkish, Malay, Simplified Chinese, Traditional Chinese, Japanese, Korean, Thai, Vietnamese, Gujarati, Tamil, Indonesian	

DISTRIBUTED BY: