MARINE ELECTRONICS FOR POWERBOATS AND SPORTFISHING
At Simrad we have saltwater running through our veins. For 70 years we’ve been innovating on the seas, from pioneering work in marine radio and autopilot to revolutionary advances in radar. From plug and play simplicity to custom solutions for mega yachts, we deliver everything boaters need for the on-water activities they love. Innovative solutions enable powerboating and sportfishing enthusiasts to travel safer, journey further, and tackle the most elusive offshore game.

COVER PHOTO BY JASON STEMPLE (WWW.JASONSTEMPLE.COM)
**POWERBOAT SYSTEMS**

**Small & Medium Powerboats**  
*Single station powerboats*

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**Simrad NSS evo3 displays and Glass Bridge systems** place you in complete control of your cruising experience. Navigate confidently and safely with intuitive multi-touch controls, automatic routing, ForwardScan™ sonar, and a range of SIMRAD POWERBOAT SYSTEMS.

- **VHF/AIS Radio RS40**
- **Halo™24 Radar**
- **Autopilot Computer NAC-2**
- **Autopilot AP44**
- **Transducer B60**
- **Transducer ForwardScan™**
- **Audio SonicHub®2**
- **Helm Station Dual NSS evo3 12” or 16”**

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**Simrad NSS evo3 displays and Glass Bridge systems** place you in complete control of your cruising experience. Navigate confidently and safely with intuitive multi-touch controls, automatic routing, ForwardScan™ sonar, and a range of innovative radar solutions. Autopilot frees your hands from the wheel, while you cruise to your own soundtrack with the fully integrated SonicHub®2 entertainment system.
Motor Yachts
Large dual station motoryachts

50–100FT

Helm Station
4x NSO evo3 (19")

Flybridge
2x NSO evo3 (24’)

Digital Display
IS42

Radar
Broadband 4G™ Radar
Halo™ Radar or Halo™24 Radar

Controller
OP50

Audio
SonicHub®2

Echosounder Module
SS100

Transducer
SS60

VHF Radio
RS90S

Autopilot Computer
NAC-3

Autopilot
AP46

Transducer
ForwardScan™

Powerboat Systems
Customizable Simrad technology lets you create the perfect sportfishing system. Whether you’re drifting over deep-sea spots or trawling for big game, there’s a sonar solution that will help you see more and target better. The bird finding feature on our Halo radars and our crystal-clear displays will give you everything you need to find fish, all built tough and designed for ease of use with wet or gloved hands.
Large Flybridge
Large dual station motoryachts

40-70+ FT

SPORTFISHING SYSTEMS

Large Flybridge
Large dual station motoryachts
Small Runabouts, Bow Riders or Bay Boats
Single station powerboats

Up to 26 ft

SIMRAD RUNABOUT SYSTEMS

Our award-winning Simrad GO chartplotter navigation displays are a perfect fit for runabouts of all types. These displays pair comprehensive navigation tools with a wide range of built-in cruising and fish finding sonar technology. With industry-standard connectivity, including support for compact and low-power Simrad radar systems, it’s easy to integrate and accessorise to suit your needs.
NSO EVO3

Complete your ultimate boat with the NSO evo3 navigation system.

Our flagship NSO evo3 delivers the ultimate view with an ultra-bright display, available in 16, 19, or 24-inch widescreen sizes. Wide viewing angles keep the screen in view from anywhere in sight, while Full HD resolution lets you see more than ever with up to six panels displayed simultaneously in a split-screen layout.

Every NSO evo3 display features an integrated quad-core processor for ultimately smooth response, from charting to Active Imaging™ Sonar. Enjoy swift access to the information you need, as you need it, whether you’re cruising the open ocean or carefully navigating a crowded harbour.
NSO EVO3 MAIN FEATURES

- Ultra-bright, Full HD 16, 19, or 24-inch display
- Easy touchscreen control of your entire Simrad system
- 1200-nit high-brightness, sunlight-viewable screen
- Integrated quad-core processor for ultimate performance
- Low-profile glass helm styling
- See more than ever with six-panel split screen option
- Connect with smartphones, tablets, and Internet hotspots
- Widescreen full HD monitor support
- Integrates with the full range of Simrad radar solutions, S5100 sonar module, SonarHub with StructureScan® HD imaging, ForwardScan® sonar, and much more
- OP50 keypad & rotary controller option
- Works with C-MAP Easy Routing™ and Navionics Dock-to-dock Autorouting™*

Pinch-to-zoom with Multi-touch

Simrad NSO evo3 are available in 3 sizes: 16-inch, 19-inch, and 24-inch

*Subscription maybe required. Please visit navionics.com for details.
Navigate, take control, and enjoy an unprecedented level of built-in functionality with the easy to use NSS evo3. New SolarMAX™ HD display technology offers exceptional clarity and ultra-wide viewing angles, combined with an all-weather touchscreen and expanded keypad for total control in all conditions. Find your way with an integrated high-speed GPS antenna and a wide range of cartography options to suit any locale. Cruise confidently with ForwardScan sonar, or fish easier with StructureScan® HD imaging and Broadband Sounder™ technology. Built-in Wi-Fi enables access to online services, and delivers smartphone and tablet integration to extend your display’s reach well beyond the helm.

NSS EVO3
The Simrad NSS evo3 breakthrough touchscreen and keypad control.
NSS EVO3 MAIN FEATURES

- Widescreen SolarMax™ HD display
- Reliable control in all conditions: switch seamlessly between multi-touch and a full keypad with rotary dial
- Advanced Fishfinding capability built-in supporting dual channel CHIRP transducers.
- Add StructureScan 3D imaging, advanced Broadband Sounder™ capabilities and more via Simrad modules
- Expand your view with Halo™ Pulse Compression radar, Broadband 3D™/4G™, and other Simrad radar solutions
- Take complete control of Simrad autopilot systems with the NSS evo3 touchscreen or keypad
- NMEA 2000® connectivity enables integrated engine monitoring, sound system control, and much more
- Navigate accurately with an embedded high-gain 10 Hz GPS/GLONASS receiver
- Enjoy easier trip planning with TripIntel™ technology and support for Navionics® Dock-to-dock Autorouting • C-MAP® Easy Routing
- Built-in Wi-Fi enables online features and smartphone monitoring and tablet control
- Choose flush-mount installation for a low-profile Glass Bridge look, or bracket-mount to install almost anywhere

SOLARMAX™ HD DISPLAYS

Features ultra-bright LED backlighting and advanced anti-reflective coatings to maximise visibility under any lighting conditions. Enjoy a clear view from almost any angle, even if you’re wearing polarised sunglasses. Superior colour accuracy, high-resolution, wide operating temperature range, condensation-free design, and protective coatings all add to a quality display that’s able to deliver the best views while withstanding the most rugged of marine conditions.

Pinch-to-zoom with Multi-touch

Simrad NSS evo3 multifunction displays are available in four screen sizes: 7-inch, 9-inch, 12-inch and 16-inch.

*Subscription maybe required. Please visit navionics.com for details.
The Simrad GO chartplotter navigation display is a perfect way to expand the capabilities of sportboats, cruisers, and smaller center consoles. Behind a super-bright display with easy to use touch interface lies a chartplotter with built-in GPS receiver and wireless access to the latest charts and updates.

Control your onboard sound system, and choose from an array of built-in sonar technologies: cruise with confidence using ForwardScan™ forward-looking sonar, or find fish like a pro with Broadband Sounder™ CHIRP sonar plus Active Imaging™ Sonar.

The Simrad GO series, a perfect fit for compact sportboats and dayboats.
Simrad GO series multifunction displays are available in 4 sizes: 5-inch, 7-inch, 9-inch and 12-inch.

**MAIN FEATURES**

- Easy to use multi-touch interface
- Full-featured chartplotter with the widest available cartography support
- Plan smarter with TripIntell™ technology
- Support for Navionics® Dock-to-Dock Autorouting and C-MAP® Easy Routing
- Flush or bracket mount display
- Widescreen with bright LED backlight
- High-speed 10 Hz GPS receiver
- Built-in Broadband Sounder™, CHIRP sonar, Active imaging™ or ForwardScan™ sonar support (transducer required)
- Built-in wireless connectivity
- NMEA 2000® compatible
- Radar display for Simrad Broadband 3G™/4G™, Halo™24 and Halo™ radar (Excludes GO5).
- Dual microSD card slots (GO9 and GO12 only)

**EXPAND YOUR VIEW WITH RADAR**

The Simrad new GO7, GO9 and GO12 are all full-featured radar displays with plug-and-play connectivity to Simrad Broadband 3G™, Broadband 4G™, Halo™24, and Halo™ radar.

Cruise confidently through crowded harbours, navigate safely in poor visibility, keep an eye on distant weather cells, and find flocks of feeding birds that hint at good fishing spots.

Automatic tuning helps to provide a clear radar picture in any conditions, while radar overlay combines radar data with navigational charts for an easy-to-interpret view of your surroundings.

*Subscription maybe required. Please visit navionics.com for details.
Halo™ Radar
The revolutionary Simrad Halo™ radar makes it easier than ever to navigate safely, keep an eye on the weather, and find flocks of birds that mark the best waters to fish.

**MAIN FEATURES**

- Up to 72NM working range
- Beam Sharpening with Target Separation Control
- Dual range operation
- Advanced signal processing with Custom, Harbour, Offshore, Weather, and BIRD modes
- High-speed 48RPM operation

InstantOn™, ready in 16-25 seconds from power-on, instant from standby

MARPA target tracking, up to 10 targets (20 with dual range)

Low electromagnetic emissions and radiation

Low power consumption with 12/24V operation

VelocityTrack™ Doppler – Motion Tracking

**SHORT**

- 0 — 0.1 KM
  - 0 — 600 ft

**SHORT-MEDIUM**

- 0.1KM — 2 KM
  - 600 ft — 1 NM

**MEDIUM**

- 2-20 KM
  - 1 — 11 NM

**MEDIUM-LONG**

- 20 — 88 KM
  - 11 — 48 NM

**LONG**

- >100 KM
  - >64 NM

6kW PULSE

HALO24

HALO

VelocityTrack™ enables easy identification of approaching obstacles, helping you to avoid dangerous and costly on-water collisions. Targets are highlighted, delivering information about the motion of targets from the very first radar sweep.

See closer than 90 metres (300 feet) on one side of the screen, and as far as 64 nautical miles on the other. Halo™ Radar truly functions as two independent radar systems in one, with no performance compromises at either selected range.

For offshore sportfishing enthusiasts and commercial fishers, birds mean fish. Halo™ Radar’s dedicated BIRD mode makes it easy to locate feeding flocks from miles away, without introducing the distraction of high-gain screen clutter.

HALO™ RADAR

The revolutionary Simrad Halo™ radar makes it easier than ever to navigate safely, keep an eye on the weather, and find flocks of birds that mark the best waters to fish. Solid-state Pulse Compression technology lets you see both near and far at the same time, on a single screen, from a single Halo™ radar array.
A faster rotation speed allows a faster refresh of targets in the PPI (radar screen).

Combining VelocityTrack™ with Halo’s Superior Azimuth & Range Resolution.

No trade off in target detection when using dual range, which helps maintain situational awareness.

A faster rotation speed allows a faster refresh of targets in the PPI (radar screen).

Halo™24 Radar
The Ultimate View for Collision Avoidance.

**HALO24**
Halo24 revolutionizes radar by offering an almost real-time view, with industry-first 60 RPM operation at close range for the ultimate in collision avoidance.

Identify hazards in an instant with VelocityTrack™ Doppler technology, and enjoy simultaneous short and long-range coverage up to 48 nautical miles—from one compact 24-inch dome antenna.

**BROADBAND Radar™**
Enjoy a crystal clear image, right up to the bow, with our incredible Broadband Radar.

**BROADBAND 3G™/4G™ RADAR FEATURES**
- Crystal clear image and Automatic clarity
- MARPA target tracking and Low power consumption
- Dual guard zones and InstantOn™ startup
- Extremely low emissions and Quick installation

**BROADBAND 4G™ RADAR ONLY FEATURES**
- Up to 34NM working range
- Beam Sharpening and Dual Range
- High speed mode (48RPM)
- Advanced target detection
DEDICATED DISPLAYS

R2009 / R3016
The Simrad R2009 and R3016 are dedicated radar control units, compatible with a range of Simrad radar solutions including Halo™ Pulse Compression, Broadband 3G™/4G™, and HD Digital Radar.

R2009 & R3016 are compatible with Simrad Halo™ Pulse Compression, Broadband 3G™/4G™, Halo™24 and HD Digital Radar systems

MAIN FEATURES

- Dedicated radar control unit and Automatic tuning system
- Anti-sea-clutter technology for an optimum picture under adverse weather conditions
- MARPA target tracking
- Keypad and rotary-dial interface with 8 direct-access menu keys
- HDMI output for an optional secondary display or remotely-operated 'clone' station (R3016 only)
- Bracket and flush-mount installation options
- Ethernet, NMEA 0183 & NMEA 2000 connectivity
- 9-inch portrait display (R2009) or 16-inch HD widescreen display (R3016)
**DEDICATED DISPLAYS**

**S2009 / S2016 Echosounders**

The Simrad S2000-Series Fish Finder combines maximum vertical detail and intuitive keypad-driven operation for reliable control in all conditions.

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**Main Features**

- Dedicated fish finder with integrated Broadband Sounder™ module and CHIRP technology
- High depth penetration and ping speed and Vertical heave compensation
- 9-inch portrait or 16-inch widescreen display
- High brightness ideal for outside installation
- See clearly with White Line, White Marker, and Color Erase features
- Simple operation with 8 direct-access menu keys
- Bracket and flush mounting options (bracket included) and Ethernet, NMEA 0183 & NMEA 2000 connectivity

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[Images of S2009 and S2016 echosounders with display showing fish detection at different depths]

**High CHIRP separating the fish from the bottom.**

**Individual mid water fish. Amazing detection of a jig shown as it drops from 10m to the bottom at 41m.**
AUTOPILOTS & INSTRUMENTS

Autopilots
State-of-the-art electronics are incorporated into Simrad autopilot systems.

AP44
This feature-packed autopilot controller features a 4.1-inch full-colour display, intuitive keypad operation, and rotary-dial course adjustment. Add dedicated controls to your Continuum autopilot system, standalone or integrated with a Glass Bridge display system.

AP48
The AP48 Autopilot Controller is a premium dedicated control head for Continuum autopilot systems, enhanced with modern glass helm styling.

MAIN FEATURES

**AP44**
- Optically bonded display with wide viewing angle
- Intuitive autopilot control with simple menu
- Quick and easy rotary-dial course adjustment
- Automated turn patterns for hands-free manoeuvres
- No Drift steering holds your course against wind and tide

**AP48**
- Intuitive autopilot interface with extended keypad
- Large, heavy-duty rotary control dial for precision steering
- Continuum steering technology
- Optically bonded 4.1-inch colour display
- Ultra wide 170-degree viewing angle

DRIVEPILOT™ / OUTBOARD PILOT
Do-It-Yourself autopilot packs for fingertip control from any Simrad GO Series, NS5 evo3, NSO evo2 and NSO evo3 multifunction display. Affordable automatic steering for hydraulic-steer and cable steer engines. The DrivePilot™ provides robust performance in heavier seas with included rate compass.
Instruments
Critical for real-time displays of important engine and watercraft information.

**IS35**
Easily visible day or night, the IS35 offers an interface to engine data, fuel efficiency, depth history and more. Connected by NMEA 2000®, the IS35 automatically detects and displays the most relevant information on a series of pre-set, customisable data pages.

- Simple button-driven menus
- Automatically displays data from NMEA 2000 engines and sensors
- Monitor up to two engines per gauge
- Stylish-low-profile design
- Single-cable installation

**IS42 / IS42J**
The multi-purpose IS42 instrument display uses a 4.1-inch full-colour screen to clearly present data from a wide variety of NMEA 2000® connected sensors and engines. The IS42J offers engine status and performance for up to two J1939 diesel engines.

- Optically bonded display with wide viewing angle and Low-profile glass helm design
- Display wind, speed, depth, engine data, AIS and more
- Intuitive operation with waterproof silicon keys
- Add an OP12 keypad for full Simrad autopilot control

**OP12**
The OP12 wired remote seamlessly integrates with Simrad autopilot systems to provide intuitive mode control, course adjustments, and power steering. Pairs with the IS42, and compatible with Simrad multifunction displays.

- Full autopilot control with the IS42
- Waterproof silicon keys
- Easy one-cable installation

**PRECISION-9**
Based on reliable solid-state sensor technology, the Precision-9 Compass supplies heading and rate-of-turn information to Simrad autopilot, radar and navigation systems.

- Continual automatic calibration
- Heading, Rate Of Turn (ROT), pitch and roll output over NMEA 2000®
- Easily adjustable mounting bracket allows bulkhead or up-mast installation

**WR10**
Take control of your autopilot from anywhere on board with this easy to use, pocket size, wireless remote controller. The WR10 works with Simrad autopilot systems and its a perfect add on for all types of motor and fishing boats.

- 1 or 10 degree course changes
- Waterproof Bluetooth® base station
- Range of up to 30 metres

**OP50**
Available in portrait and landscape versions to suit any mounting location from dash to helm chair arm, this controller provides intuitive keypad and rotary-dial command of up to six displays.

- Compatible with Go Series, NSS evo3, NSO evo2 or NSO evo3 multifunction displays
- High-quality aluminium control dial with built-in cursor functions
- Available in portrait or landscape orientation
**Echosounders**

**Transducers and Modules**

*From all in one Active Imaging technology to the three-dimensional images of StructureScan® 3D, we offer something for every angler, on any budget.*

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**ACTIVE IMAGING™**

Perfect for pinpointing fish-holding areas like rocks, reef, weedbeds and wrecks. Active Imaging™ sonar delivers superior clarity and the highest resolution images of fish and structure at a longer range than any other structure imaging technology.

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**SONARHUB SOUNDER MODULE**

This all-in-one sounder solution combines StructureScan® HD imaging and CHIRP sonar. SonarHub is ideal for marking fish and tracking lure action and can provide easy-to-understand views of structure and bottom detail. Offering a powerful performance advantage in any situation, SonarHub provides high-definition detail to depths of up to 1,000 metres (3,500 feet). SonarHub’s StructureScan HD functionality gives boaters picture-like displays for more productive fishing, diving and search and recovery operations.

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**MAIN FEATURES**

- All of your sonar – CHIRP, SideScan and DownScan – from a single transducer
- More refined detail and better range than any other imaging technology
- Easier target identification with FishReveal™ Smart Target View
- Supports Medium and High CHIRP (83/200kHz) + SideScan and DownScan (455/800kHz)
- Advanced Simrad Broadband Sounder™ technology offers high performance with low noise
- Simrad CHIRP technology works with traditional 50/83/200 kHz transducers
- Plug-and-play compatibility with Simrad and Airmar transducers
- Three Ethernet ports for connection to multiple Simrad displays
- Dual ports: Connect one single-frequency or CHIRP transducer, plus one StructureScan® HD or ForwardScan™ transducer

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Wreck strewn across seabed with fish sitting on parts.

Underwater truck wreck (showing the left hand side of a SideScan view)
**StructureScan® 3D**

StructureScan 3D imaging scans underwater terrain and fish-holding structure to create a high-resolution, 180-degree, three-dimensional view beneath your vessel.

**MAIN FEATURES**

- Unrivaled SideScan image clarity
- High Definition (HD) and super-wide 3D scanning
- Leading Edge™ Scanning Reference
- SelectScan™ target identification
- Vertical Enhancement Control and Waypoint Overlay
- ScanTrack™ pan-tilt-rotate controls
- Enhanced SideScan Skimmer® transducer design
**S5100 Echosounder Module**

Whether searching deep for swordfish, mid-range bait balls or wrecks holding big targets, the Simrad S5100 Sounder upgrades your fish-finding ability.

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**MAIN FEATURES**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three fully independent sonar channels</td>
<td>Deliver high-resolution coverage</td>
</tr>
<tr>
<td>Noise-free clarity at all depth ranges</td>
<td>Noise-free clarity at all depth ranges</td>
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<tr>
<td>Dependable bottom-lock at faster boat speeds</td>
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<tr>
<td>Flexible and easy transducer frequency selection to match your needs</td>
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</tr>
<tr>
<td>Intelligently cover the water column in superior detail</td>
<td>Intelligently cover the water column in superior detail</td>
</tr>
<tr>
<td>3KW per channel to get even deeper</td>
<td>3KW per channel to get even deeper</td>
</tr>
</tbody>
</table>

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**S5100 ECHOSOUNDER MODULE**

This high-performance CHIRP sonar module features three fully independent channels to deliver simultaneous high-resolution coverage across multiple depth ranges, perfect for offshore sportfishing anglers.

Mix and match wide and narrow transducer beam-widths to reveal more fish, or adjust CHIRP frequencies to precisely target specific depths producing big, crisp arches for the most advanced target separation available.
Chirp and Broadband Transducers
For use with BSM-3, S5100, S2016, NSS evo3, NSS evo2, SonarHub™

<table>
<thead>
<tr>
<th>Transom Mount</th>
<th>Tilt °</th>
<th>Freq (kHz)</th>
<th>Power</th>
<th>Cone angle °</th>
<th>Connector</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>P66</td>
<td></td>
<td>50/200</td>
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<td>M (95-155)</td>
<td>300W</td>
<td>17°~26°</td>
<td>7pin</td>
<td>000-13944-001</td>
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*TM275LH-W     |       | L (42-65)/H (150-250) | 1kW | 16°~25°/25°  | 9pin xSonnic | 000-13770-001 |

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<td>600W</td>
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<td>12°</td>
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<td>1kW</td>
<td>21°~32°</td>
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<tr>
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<td>M (85-135)</td>
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<tr>
<td></td>
<td>20°</td>
<td>H (150-250)</td>
<td>1kW</td>
<td>25°</td>
<td>9pin xSonnic</td>
<td>000-13782-001</td>
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</tbody>
</table>
* B275LH-W    |       | L (42-65)/H (150-250) | 1kW | 16°~25°/25°  | 9pin xSonnic | 000-13771-001 |
* R509LH-W    |       | LL (38-60)/H (150-250) | 3kW | 9°~23°/25°   | 9pin xSonnic | 000-13773-001 |

<table>
<thead>
<tr>
<th>In Hull/Pocket/ Chest Mount</th>
<th>Tilt °</th>
<th>Freq (kHz)</th>
<th>Power</th>
<th>Cone angle °</th>
<th>Connector</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>P79</td>
<td>50/200</td>
<td>600W</td>
<td>45°/12°</td>
<td>9pin xSonnic</td>
<td>000-13942-001</td>
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</tr>
<tr>
<td>M260</td>
<td>50/200</td>
<td>1kW</td>
<td>19°/6°</td>
<td>9pin xSonnic</td>
<td>000-13914-001</td>
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</tr>
</tbody>
</table>
*CM275LH-W                   |       | L (42-65)/H (150-250) | 1kW | 16°~25°/25°  | 9pin xSonnic | 000-13772-001 |

**Adaptors**

| 7 pin TXD plug to 9 pin MFD plug | For connecting 7 pin blue plug transducers to GO Series, NSS evo3 | 000-13313-001 |
| 9 pin TXD plug to 7 pin MFD plug | For connecting 9 pin xSonnic transducers to NSS evo2, SonarHub, S2009, S2016, BSM-3 | 000-12571-001 |

*These are dual channel transducers, connect to S5100 or NSS evo3.
ForwardScan™ sonar

Know what lies ahead with Simrad ForwardScan.

**MAXIMUM FORWARD VIEW OF 8X**
Your current depth
*e.g. at 3m (10ft) depth, see up to 24m (80ft) ahead.*

**NOMINAL FORWARD VIEW OF 4-5X**
Your current depth
*e.g. at 3m (10ft) depth, see 12-15m (40-50ft) ahead.*

**Bottom Colour Tracking** offers a solid 2D rendering of the bottom ahead of your vessel for an uncluttered, immediately understandable view.

**Heading Line View** integrates ForwardScan depth data with the heading line on the navigation page of your Simrad display, with simple colour-coding to represent deep, medium and shallow water.

**FORWARDSCAN™ SONAR**
This forward-looking sonar provides a clear two-dimensional image of the bottom in front of your vessel, allowing you to navigate shallow or poorly-charted waters with confidence. With real-time updates and a forward-looking view of up to eight times your current depth, ForwardScan lets you relax and enjoy a safer day on the water.

**MAIN FEATURES**
- Clear view of what’s below the surface
- Bottom Colour Tracking for simplified bottom view
- Set up custom warning zones
- Avoid running aground and Shallow depth alarm
- Built-in temperature sensor
- Through-hull fitting with stainless sleeve and Easy to install
- Simrad NSS evo3, NSO evo2 (via SonarHub) & GO5/GO7/GO9/GO12 compatible
WM-3 SiriusXM® Satellite Weather and Radio Module

Bring the power of an entire weather bureau to your boat

WM-3 WEATHER MODULE

With the WM-3 satellite receiver and a SiriusXM Marine subscription you can see real-time weather information overlaid on charts, accessible from any compatible display. Stay informed with weather radar, current and forecasted marine zones, and surface buoy reports. The SiriusXM Marine service is available in the continental United States, southern Canada and coastal waters.

MAIN FEATURES

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Real-time weather information from every compatible display on board</td>
<td></td>
</tr>
<tr>
<td>View high-resolution surface temperatures, coastal and Great Lakes waves, and wind data (subscription dependent)</td>
<td></td>
</tr>
<tr>
<td>NOWrad™ weather radar tracks storm cells on your chart screen</td>
<td></td>
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<tr>
<td>Choose a subscription to match your boating style</td>
<td></td>
</tr>
<tr>
<td>Optionally add over 150 satellite radio channels</td>
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</tr>
<tr>
<td>Detailed NOAA Marine Zone Forecasts and surface buoy reports let you know the conditions offshore before you even leave the dock</td>
<td></td>
</tr>
<tr>
<td>Compact antenna and simple tri-cable splitter for easy installation</td>
<td></td>
</tr>
</tbody>
</table>
MARINE COMMUNICATIONS

Radio / AIS / Audio

Hear and be heard with the latest equipment from Simrad.

RS20S
Stay safe and in touch with this dependable Class D DSC approved VHF radio featuring an integrated GPS receiver.

- High-visibility display with inverted night mode
- Intuitive rotary dial and keypad controls
- Four-button fist microphone
- Class D DSC approved

RS40
Stay safe and connected with this VHF marine radio featuring a sleek design with removable fist mic, Class D DSC functionality, and built-in GPS.

- Class D DSC approved VHF radio
- Dual channel AIS receiver
- Integrated GPS receiver
- Connect up to two wireless handsets

HS40
Take remote control of your Simrad RS40 VHF radio, and enjoy the power of a fixed-mount system with the convenience of a handheld.

- Wireless handset for the RS40 or RS40-B VHF radio
- Handsets and RS40 work as an on-board intercom
- Inductive charging with the included cradle

RS90S VHF RADIO SYSTEM
Not just a radio, the RS90S also functions as an AIS receiver, hailer, foghorn, and on-board intercom. A 30 second record and replay means you never miss anything vital, and with up to 6 handsets.

- Modular system with built-in AIS receiver
- Supports up to 4 wired + 2 wireless handsets
- PA/Hailer and foghorn & IPX7 waterproof
- 30-second Record and Playback
- Integrated GPS receiver

NAIS-500
Reduce your risk of collision with this fully integrated Class-B AIS transponder – essential for navigating busy shipping lanes and congested ports. The NAIS-500 networks easily with any NSS, NSO or GO display and Simrad RS VHF system.

- Class-B Approved AIS Transponder
- Integrates with existing Simrad MFD & VHF
- NMEA 2000®, 0183® connectivity
- IPX7 waterproof & Low power consumption

SONICHUB®2
The SonicHub2 system features Bluetooth® connectivity to stream music from smartphones and tablets, built-in AM/FM radio, music and video playback from USB drives, and SiriusXM® satellite radio support* – all controlled from your Simrad display.

- 50W x 4 amplifier & Dual USB ports
- Video output via Composite RCA for playing video files from a USB drive
- Pre-amp Zone 3 and sub-woofer outputs
- Dual Stereo AUX input (AUX1, AUX2)

*US only, requires Simrad WM-3 module.
Charts and Mapping
Offering the widest range of cartography options for anglers and boaters.

C-MAP
C-MAP serves boaters worldwide, providing cartography products and services for all types of leisure boaters, from fishermen to powerboat owners.

C-MAP MAX-N+
C-MAP MAX-N+ charts provide accurate, up-to-date information, unique features and specialized content to enhance every boating adventure.

- High Resolution Bathymetric (HRB) charts for coastal areas
- Dynamic Tides and Currents & Marina Info/Port Services helps traveling boaters enjoy smooth sailing worldwide

C-MAP Genesis
C-MAP Genesis empowers you to create high-definition custom fishing maps with amazing detail and one-foot contours that show key fish-holding areas for greater success on the water. Find out more at genesismaps.com

- Transform your sonar logs into free custom maps
- View, Download & Contribute to online Social Map water bodies across the globe
- Customize maps with 1-, 3-, 5- or 10-foot blue-shaded contours
- Upgrade to Genesis Edge to keep maps private

C-MAP GENESIS LIVE
Update the mapping of your favourite fishing spot or map unmapped areas with ½ foot contours – in real time – on the screen of your fishfinder/chartplotter with C-MAP Genesis Live.

- Create custom maps with ½-foot contours in real-time
- Save Live mapping data directly to any SD card
- Control contour transparency and Contour intervals
- Highlight specific depth ranges with custom depth shading
- Free with compatible MFD's

Navionics®
Navionics® is the world’s largest and most experienced provider in worldwide electronic marine cartography.

Navionics® PLATINUM+
All the same marine and lakes content and advanced features found in Navionics+ are augmented with 3D View, satellite overlay and panoramic photos to provide the ultimate situational awareness.

- SonarChart Live (Subscription required) allows you to create new personal 1 ft/0.5 m HD bathymetry maps that display in real time while navigating
- Dynamic 3D View allows you to customize your chart to highlight key features for a better awareness of your surroundings
CONNECTED VESSEL

CONNECTED WORLD
We live in a connected world. From our homes, to our cars, to our boats, we’re surrounded by technology designed to help us achieve more, with greater ease, and in greater safety.

AUTOPILOT
Award-winning, ocean-proven autopilot systems to suit any size and type of vessel.
Dedicated control or Simrad display integration
Predefined turn patterns
Dodge function and NoDrift steering

SONICUBE®2
Bring your music on board with Bluetooth® streaming, AM/FM radio, and full Simrad Multifunction display integration.
Control your music from your Simrad display
Bluetooth streaming from smartphones and tablets
Play MP3 files from a USB drive
Connect to SiriusXM® satellite radio (US only)

HIGH SPEED GPS
Incredible position accuracy, however fast or slow you go.
16-channel 10Hz GPS antenna
Superior signal acquisition
Compact design
Easily flush mounted

ECHOSOUNDER MODULES
Innovative sonar technologies designed for every requirement.
ForwardScan™ sonar
StructureScan® 3D imaging
Broadband Sounder with CHIRP

DSC-VHF
Versatile and rugged, with everything you need to communicate with other vessels, the shore and even individuals on board.
Handheld and modular options
Additional wireless handsets for complete mobility and intercom capability
DSC and AIS built in to some models

INSTRUMENTS
Flexible display units for vital data, including depth, boat speed, wind speed, and more.
Highly visible full colour displays
Integrate with Simrad Multifunction display or utilise as a stand alone unit
Display data from NMEA 2000 engines and sensors

AUTOPILOT

HIGH SPEED GPS

ECHOSOUNDER MODULES

DSC-VHF

INSTRUMENTS
We live in a connected world. From our homes, to our cars, to our boats, we’re surrounded by technology designed to help us achieve more, with greater ease, and in greater safety. Our connected vessel concept brings all of your on-board technologies and online services together behind a simple, intuitive interface. Monitor and control every aspect of your on-water experience from a variety of customisable Simrad multifunction displays.

Extend your vision and control anywhere on board using your existing smartphone or tablet. Safeguard your investment with the ability to track your boat’s position online, diagnose issues remotely, and even take control of key systems from anywhere in the world. This is the reality of today’s connected vessel.

**ENGINE DATA**
Display real time engine data on your Simrad Multifunction display from your NMEA2000® compatible engine such as:

- Fuel flow and Engine temperature
- RPM and Battery voltage

**AIS**
Reduce the risk of collision with this see and be seen technology.

- Class B AIS transponders
- Transmit your location
- Track and identify AIS-equipped vessels
- AIS navigational overlay

**HALO™ RADAR**
See both near and far with an unprecedented mix of close and long-range detection.

- Available with 3, 4 or 6-foot array
- See closer than 90 metres (300 feet)
- Range up to 72NM with 6-foot array
- Navigate safely, monitor weather cells, and find birds with ease
- InstantOn™ startup from standby, ready in 16-25 seconds from power-on

**BROADBAND RADAR™**
Confidently navigate congested waterways and harbours with exceptional close-range performance.

- Range up to 36NM
- Eliminates “main bang” dead zone
- Efficient low-power technology

**WIFI**
View your Multifunction display with your smartphone, or take control with your tablet, from anywhere on board.

- Download the Link app to control and backup waypoints from your MFD
- Remote software upgrades and service support

**CONNECTED VESSEL**

**INDUSTRY WIDE INTEGRATION**
Automate your onboard electronics and turn your vessel into a smart boat with integration from key industry partners.

- Naviop
- CZone
- VesselView® by Mercury®

**WEBCAM**
Integrating your onboard camera into your Simrad display.

**ENGINE DATA**
Display real time engine data on your Simrad Multifunction display from your NMEA2000® compatible engine such as:

- Fuel flow and Engine temperature
- RPM and Battery voltage

We live in a connected world. From our homes, to our cars, to our boats, we’re surrounded by technology designed to help us achieve more, with greater ease, and in greater safety. Our connected vessel concept brings all of your on-board technologies and online services together behind a simple, intuitive interface. Monitor and control every aspect of your on-water experience from a variety of customisable Simrad multifunction displays.
Enhance your boat with vessel-wide monitoring and control capabilities. Naviop extends the capabilities of selected Simrad systems to monitor and display a wealth of information. This includes engine status, performance, fuel and other tank levels, energy management for DC and AC power systems, and other data from a vast range of supported systems and sensors. This information is presented through easy-to-read numeric and graphical displays, logically arranged on pages related to specific areas of functionality such as switching, propulsion, or tankage. Naviop is a bespoke vessel integration system that connects all vessel services with a single touch.
**Simrad Part Numbers**

A resource to help you find the correct Simrad part numbers

<table>
<thead>
<tr>
<th>NSO EVO3</th>
<th>DESCRIPTION</th>
<th>PART NO.</th>
</tr>
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<tbody>
<tr>
<td>NSO EVO3 16” STARTER KIT</td>
<td>000-14000-001</td>
<td></td>
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<tr>
<td>NSO EVO3 19” STARTER KIT</td>
<td>000-14002-001</td>
<td></td>
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<tr>
<td>NSO EVO3 24” STARTER KIT</td>
<td>000-14004-001</td>
<td></td>
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<tr>
<td>NSO EVO3 16” BASIC DISPLAY</td>
<td>000-14001-001</td>
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<tr>
<td>NSO EVO3 19” BASIC DISPLAY</td>
<td>000-14003-001</td>
<td></td>
</tr>
<tr>
<td>NSO EVO3 24” BASIC DISPLAY</td>
<td>000-14005-001</td>
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<thead>
<tr>
<th>NSS EVO3</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>NSS7 evo3 with C-MAP US Enhanced Charts</td>
<td>000-13233-001</td>
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<tr>
<td>NSS7 evo3 + 4G Radar</td>
<td>000-13790-001</td>
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<tr>
<td>NSS9 evo3 with C-MAP US Enhanced Charts</td>
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<tr>
<td>NSS9 evo3 + 4G Radar Bundle</td>
<td>000-13791-001</td>
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<td>NSS12 evo3 with C-MAP US Enhanced Charts</td>
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<tr>
<td>NSS12 evo3 + 4G Radar Bundle</td>
<td>000-13792-001</td>
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<tr>
<td>NSS16 evo3 with C-MAP US Enhanced Charts</td>
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<table>
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<tr>
<th>GO SERIES</th>
<th>DESCRIPTION</th>
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<tr>
<td>GO7 XSR Active Imaging 3IN1, C-MAP PRO</td>
<td>000-14838-001</td>
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<tr>
<td>GO7 XSR HDI Transducer, C-MAP PRO</td>
<td>000-14326-001</td>
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<tr>
<td>GO7 XSR, No Transducer, C-MAP PRO</td>
<td>000-14078-001</td>
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<tr>
<td>GO9 XSE Active Imaging 3IN1, C-MAP PRO</td>
<td>000-14840-001</td>
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<tr>
<td>GO9 XSE Med/High/DownScan, C-MAP PRO</td>
<td>000-13231-001</td>
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<tr>
<td>GO9 XSE Active Imaging 3IN1 + 4G Radar</td>
<td>000-14879-001</td>
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<tr>
<td>GO9 XSE, No Transducer, C-MAP PRO</td>
<td>000-13210-001</td>
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<tr>
<td>GO12 XSE Active Imaging 3IN1, C-MAP PRO</td>
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<td>GO12 XSE Active Imaging 3IN1 + 4G Radar</td>
<td>000-14856-001</td>
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<td>GO12 KSE Active Imaging 3IN1 + 4G Radar</td>
<td>000-14855-001</td>
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<td>GO12 XSE, No Transducer</td>
<td>000-14137-001</td>
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<table>
<thead>
<tr>
<th>DEDICATED DISPLAYS</th>
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<tbody>
<tr>
<td>R209 Radar Control Unit, 9”</td>
<td>000-12186-001</td>
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<tr>
<td>R3016, Radar Control Unit, 16”</td>
<td>000-12188-001</td>
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<tr>
<td>S2009, Echosounder, 9”, No Transducer</td>
<td>000-12185-001</td>
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<tr>
<td>S2016, Echosounder, 16”, No Transducer</td>
<td>000-12187-001</td>
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<table>
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<tr>
<th>ECHOSOUNDER</th>
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<tbody>
<tr>
<td>SonarHub™ Module</td>
<td>000-11142-001</td>
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<tr>
<td>S5100 Sonar Module</td>
<td>000-13240-001</td>
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<tr>
<td>ForwardScan Transducer (XDCR kit)</td>
<td>000-11647-001</td>
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</tr>
<tr>
<td>ForwardScan Long Stem Transducer (with sleeve and plug)</td>
<td>000-13284-001</td>
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<tr>
<td>StructureScan3D Transducer and module</td>
<td>000-12395-001</td>
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<tr>
<td>StructureScan 3D Stainless Steel Thru-Hull Transducer</td>
<td>000-13559-001</td>
<td></td>
</tr>
<tr>
<td>Active Imaging 2-IN-1</td>
<td>000-14490-001</td>
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</table>

For a full list of products, please visit the website for more information.
**PRODUCT DIMENSIONS**

**NSO EVO3**

Product dimensions and characteristics that serve to identify our products.

![NSO EVO3 Diagram](image)

**S2009/R2009 and S2016/R3016**

Product dimensions and characteristics that serve to identify our products.

![S2009/R2009 and S2016/R3016 Diagram](image)
NSS EV03

Product dimensions and characteristics that serve to identify our products.

GO Series

Product dimensions and characteristics that serve to identify our products.
Comes with:
- 2 Year Warranty
- Extended Warranty Options
- 5 Year Upgrade
- Global Service Network

+Certified Vessels:
- 2 Year Onboard Support
- 24 Hour Replacement

Sales & service
NAVICO AMERICAS
SIMRAD YACHTING
Customer Support
Tel 1.800.628.4487

Visit our website for a list of certified dealers

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