



Digital switching makes it easy and intuitive to control all of the interior and exterior lighting on this high-performance centre console powerboat.

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Raymarine: Make Your Boat a "Smart Boat"

Anchor lights, Aerators, Bilge Pumps, Blowers, Cabin Lights, Courtesy Lights....does this sequence sound familiar? It's the switch panel on your helm and it's just part of the A to Z listing of your boat's electrical equipment. In addition to switches and alarms, indicator lights and gauges cover many portions of a boat's helm and interior. Remembering what they all and making sure they are all in the correct positions can be challenging even for experienced captains.

To solve this challenge Raymarine has partnered with Sweden-based Trigent AB to bring their EmpirBus NXT Digital switching technology to the boating market. Trigent's systems have been used in hundreds of marine, automotive and industrial applications for over ten years.

Why should you consider employing digital switching on your next boat or yacht? Quite simply, it makes monitoring and controlling your boat's systems easy, intuitive, and logical. The EmpirBus NXT system allows you to easily create highly customised power distribution, control, monitoring and alarm management systems for any sized vessel.

Dom Wiseman of BoatAdvice.com.au recently looked at two different vessels equipped with Raymarine Digital Switching. [Watch their video](#) to see how this technology makes life onboard easier for owners of small and large boats alike.

Using digital switching, data from different systems on a vessel can be integrated and centralized, increasing the availability of important information. Status indicators and alarms can be consolidated onto virtual panels that allow you to monitor the entire vessel at a glance.

Digital switching systems offer many ways to interact. Custom pages with soft-switches, readouts, and status indicators can be programmed onto multifunction displays. Short-range, self-powered, wireless switches can be installed at key locations to toggle frequently-used circuits like lighting from multiple locations. Traditional push-button switches can be added where needed for control of specific items. Dedicated, weatherproof keypads can be tied in using NMEA2000 or SeaTalkng networking for convenient control in remote locations. Even remote switching via wireless networks, the internet, and GSM text messaging* is possible.

Raymarine's Digital Switching system is scalable for any sized vessel, with almost limitless capacity and opportunity for customisation. Raymarine boat building partners are increasingly adopting Digital Switching systems on new boat models, giving new boat buyers simplified vessel automation control right at their helm station.

If you are boat builder or marine electronic and electrical integrator contact us to learn more about Raymarine Digital Switching solutions.

**GSM text messaging capabilities vary by country. Consult with a Raymarine Digital Switching Specialist for details.*

About FLIR Systems

Founded in 1978 and headquartered in Wilsonville, Oregon, FLIR Systems is a world-leading maker of sensor systems that enhance perception and heighten awareness, helping to save lives, improve productivity, and protect the environment. Through its nearly 3,500 employees, FLIR's vision is to be "The World's Sixth Sense" by leveraging thermal imaging and adjacent technologies to provide innovative, intelligent solutions for security and surveillance, environmental and condition monitoring, outdoor recreation, machine vision, navigation, and advanced threat detection. For more information, please visit www.flir.com and follow [@flir](https://twitter.com/flir).

About Raymarine:

Raymarine, a world leader in marine electronics, develops and manufactures the most comprehensive range of electronic equipment for the recreational boating and light commercial marine markets. Designed for high performance and ease of use, the award-winning products are available through a global network of dealers and distributors. The Raymarine product lines include radar, autopilots, GPS, instruments, fishfinders, communications, and integrated systems. Raymarine is a division of FLIR Systems, a world leader in thermal imaging. For more information about Raymarine please go to www.raymarine.com.

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Marine, Offshore Renewables, and New Building Supervision. With a mission to solve marine challenges, Bluestone Group offers turnkey solutions, global presence, and third-party independence to ship owners and stakeholders worldwide.