Naviop designs systems for marine monitoring and control. The leadership in the heavily customized super-yachts market led to a nearly full set of available controls, complying with all major certifications.

Lowrance, Simrad and B&G provide a complete, world-class series of navigation and communication equipment for boats of any kind. An ever-expanding list of sophisticated navigation systems.

THE DEFINITIVE GUIDE
TO THE SIMPLEST WAY FOR TOTAL CONTROL

You need control, in and out of the boat.

Whether you are sailing on the open sea or cruising on rivers and lagoons with your motorboat, full control is paramount. You need knowledge of the level of your tanks as well as to keep an eye on the route thanks to the navigation system.

These are usually different hardware and software, a redundancy solved only with integrated solutions like Naviop Loop.

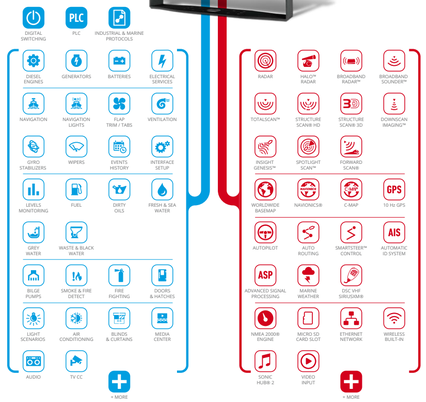
Naviop Loop is designed to be the seamless interlock between the acclaimed Navico navigation controls (under Lowrance, Simrad and B&G brands) and the successful Naviop monitoring solutions. **Where there used to be two very different worlds in terms of technological frames, interfaces, even different screens, you now have a single device providing complete access to marine monitoring and controls along with an ever-expanding list of sophisticated navigation systems.**

You get control, the way you want.

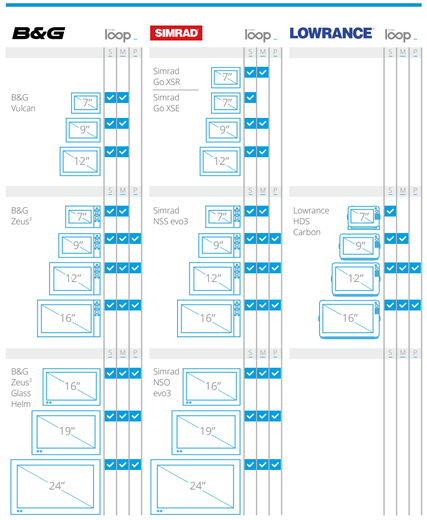
Loop answers your need for control with an integrated system where navigation, monitoring, and control conveniently use the same technology framework and interact seamlessly.

Naviop brings its experience in complex yacht systems to any commander, whatever the boat, whatever your needs are: with three different versions to choose from, it's simply up to you.

NAVIOP loop S
NAVIOP loop M
NAVIOP loop P
×
B&G
SIMRAD
LOWRANCE



Sail and motorboat, 10 to 40 ft. ~



A product range made to fit

The Loop system is designed by Naviop to meet the needs and exceed the expectations, delivering innovation to a wide range of boats, from sailing to engine powered, from open day fishing boats to mega-yachts. **Loop is a range of products, each of them flexible and customizable, still granting the control and navigation features previously operated by bigger systems. The integrated approach greatly reduces technical redundancy and device duplication, making Loop an inherently perfect choice for small to medium sized new and refitted boats.**

NAVIOP loop S

Simple, yet powerful control and monitoring features through an integrated sidebar showing dedicated functions.

It's based on a protocol converter (Naviop Arc) and the power distribution board Egon +. **Each board can monitor and control 8 channels for a maximum of 2 Egon +.** The functions to be controlled can be chosen from a long list of standard boat requirements.

MAIN FEATURES
1 or 2 Egon +

KIT Available in kit.

NAVIOP loop M

A customized monitoring and control system sporting dedicated pages with a clear view of power board status, up to the single fuse or relay.

The Loop M is based on a processing and protocols unit (Naviop OP Box) and the power distribution board Egon +. **Each board can monitor and control 8 channels for a maximum of 2 Egon +.** The functions to be controlled can be chosen from a list of standard boat requirements or specifications.

MAIN FEATURES
1 or 2 Egon +
Info page with boat image, logo, colors.
A main controls page for each Egon +.
A Synoptic page for each Egon +.

KIT Available in kit.

NAVIOP loop P

A level of unrivaled customization, built on a vast library of custom-designed instruments, suitable to the context of every sailing and motorboat.

Up to 4 Egon+, up to 3 Nova+ (complex lighting controls) and **up to 4 DAU** (specific for low power input and output, and analog ones: Battery Voltage Resistors Level, Digital Alarm, etc.).

MAIN FEATURES
Customized by Naviop with design and engineering support in coherence with the brand and corporate image of the shipyard or the ship owner's suggestions.

THE DEFINITIVE GUIDE
TO THE SIMPLEST WAY FOR TOTAL CONTROL

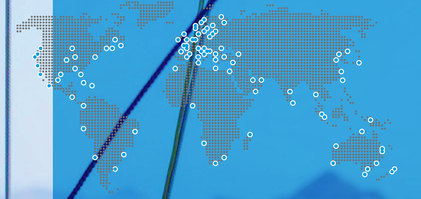
How to get yourself into the loop.

NAVIOP loop

Worldwide Customer Service

Naviop, B&G, Simrad, and Lowrance customer services are always available to help with almost your needs, giving you access to a huge **worldwide network of dealers and customer service providers that is big enough to make you feel safe and taken care of, literally anywhere.**

More skilled technicians than ever are prepared to work with the Naviop systems, to maximize any needs. Ask Naviop or your favorite navigation system brand for the updated complete list of service points.



Contact your dealer

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ph.: +39 **0543 724980**
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Customer Care (+39)
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naviop.com

BERGMAN JR

NAVIOP loop

Thousands of customers around the world are already enjoying the benefits of being in the Loop:
- **more reliability and safety on board**: a single framework, less wiring, less risk of problems, less hassle;
- **more design**: an easy and cleverly designed interface, with many customization options;
- **easier to install and use**: more time for you to spend enjoying the water.

NAVIOP loop S

NAVIOP loop M

NAVIOP loop P

Display system compatibility

The Naviop Loop series is designed to be perfectly integrated into the multifunction displays of B&G, Simrad, and Lowrance, the world's largest recreational marine brands. From the practical 7" monitors to the spectacular 24" devices, the perfect version of Naviop Loop is always available.
Still, due to the graphic details and customization of Loop systems, the right dimension for each project should be verified with Naviop R&D.

Set App
x
loop S
loop M

Set App is a software configurator provided with each Loop S and Loop M system, which allows the customer to autonomously change and upgrade the Loop settings.

In the live preview interface you can

choose the functions to be controlled and monitored (among a list of more than 70 available icons), and assign them to fuses/relays of the power distribution board Egon +. For each board, you can monitor and control 8 functions for a maximum of 2 Egon +.

For Loop M only, you can also configure graphics elements such as a background image, the yard logo or boat nameplate, and colours to be used in night/day modes.

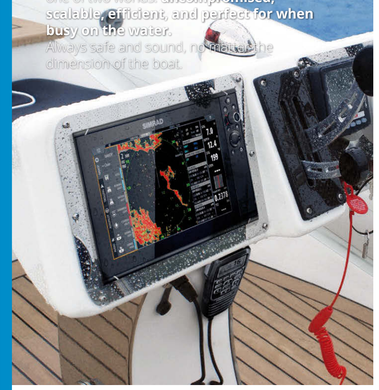
The configuration file can be easily uploaded on the system via MicroSD card (on the multipurpose device aka monitor) or USB key (on the Naviop OP Box).

BERGMAN .it

NAVIOP loop S

Enter the switching, safe and sound.

They call it digital switching when they're not allowed to call it Loop, the original seamless system designed by industry leaders to make one of two worlds: **uncompromised, scalable, efficient, and perfect for when busy on the water.**
Always safe and sound, no matter the dimension of the boat.



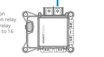
DISPLAY SYSTEM COMPATIBILITY

B&G	SIMRAD	LOWRANCE
	Go **7** XSR	
Vulcan **7**	Go **7** XSE	
Vulcan **9**	Go **9** XSE	
Vulcan **12**	Go **12** XSE	
Zeus³ **7**	NSS evo3 **7**	HDS Carbon **7**
Zeus³ **9**	NSS evo3 **9**	HDS Carbon **9**
Zeus³ **12**	NSS evo3 **12**	HDS Carbon **12**
Zeus³ **16**	NSS evo3 **16**	HDS Carbon **16**
Zeus³ GH **16**	NSO evo3 **16**	
Zeus³ GH **19**	NSO evo3 **19**	
Zeus³ GH **24**	NSO evo3 **24**	

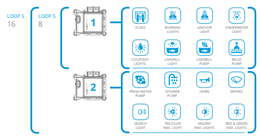
NAVIOP GPS
Protocol converter: NMEA 2000 to J1939.

BRAIN
FIELD

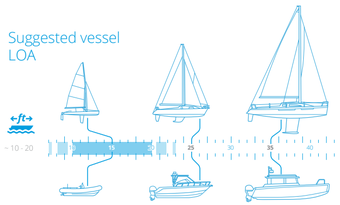
NAVIOP EGON +
Power distribution board is based on relay control. Up to 8 relay channels and up to 16 fused channels.
UP TO **2**



Naviop Loop is seamlessly integrated into the display systems of the world's largest recreational marine brands: B&G, Simrad, Lowrance, ranging from practical 7" to impressive 24" devices.



Suggested vessel LOA



Clever and effective single bar UI

Naviop Loop S integrates its functions seamlessly in the navigation tools interface, placing a dedicated tab on the left bar, which is a feature already existing in Navico systems, used for audio or trolling controls, and easily customizable.

The user has immediate access to the Loop controls through the Naviop tab, which opens a side menu. **The number of controls on such menu may vary due to the schematics of the system (8 or 16 channels)**: you can always scroll the menu to view all the controls if the go beyond the display limit.
The Loop menu can always be left on view because it's not over the navigation tools, but rather along the side, which means the system slightly stretches the graphics to make room for the menu itself.
The user feels a substantial increase in functionalities within the minimum use of screen space, a critical issue for small boat environments.
Still, under such minimal design choices, you have dramatic technological improvement, and a sense of control usually reserved for much bigger boats.

START PAGE

LOOP BUTTON
NAVIGATION

LOOP BAR

HIGHLIGHTS
When selected the Loop S area is highlighted with an orange colored frame.

BUTTON STATUS
Each control is provided with an LED signaling one of four statuses: ON, OFF, FAULT or OVERRIDE.

NAVIOP loop M

Boat checking, the full view.

When at the helm of your boat, you need to manage increasingly complex on-board technology: Loop M focuses on allowing you to have **a monitoring and control system sporting a clear view of power board status, up to the single fuse or relay**.
And it comes with your style, of course.

DISPLAY SYSTEM COMPATIBILITY

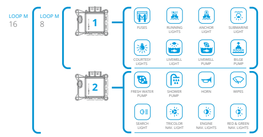
B&G	SIMRAD	LOWRANCE
Vulcan **7**	Go **7** XSR	
Vulcan **9**	Go **9** XSE	
Vulcan **12**	Go **12** XSE	
Zeus³ **7**	NSS evo3 **7**	HDS Carbon **9**
Zeus³ **9**	NSS evo3 **9**	HDS Carbon **12**
Zeus³ **12**	NSS evo3 **12**	HDS Carbon **16**
Zeus³ **16**	NSS evo3 **16**	
Zeus³ GH **16**	NSO evo3 **16**	
Zeus³ GH **19**	NSO evo3 **19**	
Zeus³ GH **24**	NSO evo3 **24**	

NAVIOP OP BOX LITE
Processing and protocols Unit with PLC programming capability. Ethernet by J1939.

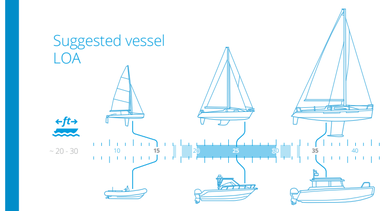
BRAIN
FIELD

NAVIOP EGON +
Power distribution board is based on relay control. Up to 8 relay channels and up to 16 fused channels.
UP TO **2**

Naviop Loop is seamlessly integrated in the display systems of the world's largest recreational marine brands: B&G, Simrad, Lowrance, ranging from practical 7" to impressive 24" devices.



Suggested vessel LOA



Full knowledge, features to relays

This version of the Loop system aims at providing a much deeper view of the boat status, with dedicated, customized pages.

From the start page, you can access the Loop features using a button with the Naviop icon, leading to an info page with system and boat ID information. The side button bar can be used to access a control page and a synoptic page for each power distribution board. In the example below, you have two Egon + boards.
The main control page contains all the buttons, each of them can doubling as status readings thanks to a graphic LED. **The most important feature of Loop M, technically speaking, is the Egon synoptic page, clearly showing the status and positions of faulty relays and fuses.**

Loop M is designed to have better use of more room on bigger screens, **displaying bigger readings and allowing a degree of graphics customization in terms of brands, images, and colors**.

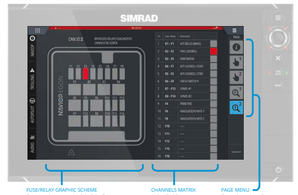
START PAGE

INFO PAGE

MAIN CONTROL PAGE

BUTTON STATUS
Each control is provided with an LED signaling one of four statuses: ON, OFF, FAULT or OVERRIDE.

EGON SYNOPTIC PAGE

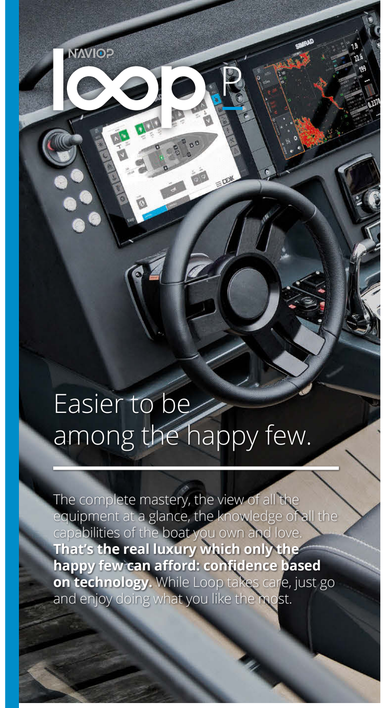


CUSTOM DESIGN
Loop M interface allows brand customization to the point of having graphics consistent with the corporate image or the boat's interior.
Following a brief regarding the yard corporate image or specific graphics requests, Naviop can custom design the interface of any Loop M system, using:
- an **image for the background** (side or deck view of the boat, a photo or even an abstract graphic),
- the yard **logo** or the boat's nameplate;
- a **color palette** to adjust to night/day view.

NAVIOP loop P

Easier to be among the happy few.

The complete mastery, the view of all the equipment at a glance, the knowledge of all the capabilities of the boat you own and love.
That's the real luxury which only the happy few can afford: confidence based on technology. While Loop takes care, just go and enjoy doing what you like the most.



DISPLAY SYSTEM COMPATIBILITY

B&G	SIMRAD	LOWRANCE
Zeus³ **9**	NSS evo3 **9**	
Zeus³ **12**	NSS evo3 **12**	HDS Carbon **12**
Zeus³ **16**	NSS evo3 **16**	HDS Carbon **16**
Zeus³ GH **16**	NSO evo3 **16**	
Zeus³ GH **19**	NSO evo3 **19**	
Zeus³ GH **24**	NSO evo3 **24**	

NAVIOP OP BOX
Processing and protocols Unit with PLC programming capability. Ethernet by J1939.

BRAIN
FIELD

NAVIOP EGON +
Power distribution board is based on relay control. Up to 8 relay channels and up to 16 fused channels.
UP TO **4**

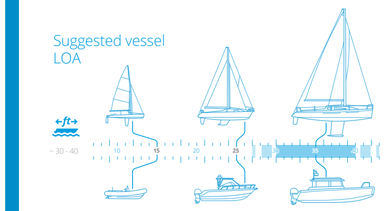
NAVIOP NOVA +
Power distribution module board designed to control lights (dimming controls included), with 8 separate circuits.
UP TO **3**

NAVIOP DAU
Power board designed to gather input and output analog ones.
UP TO **4**

Naviop Loop is seamlessly integrated in the display systems of the world's largest recreational marine brands: B&G, Simrad, Lowrance, ranging from 9" to 24" devices.

Please note that due to the graphic details and customization of Loop P systems, the best dimension for each project should be agreed with Naviop's R&D Department.

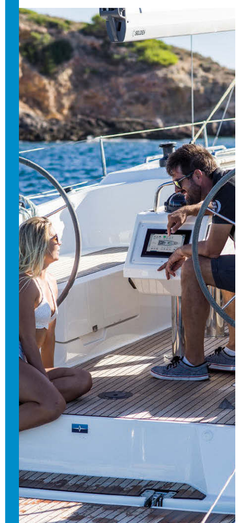
Suggested vessel LOA



Common library, custom design

Loop P offers a very accurate personalization not only in the technical configuration but also regarding the user interface design. **The level of final customization is frankly unrivaled in the same segment.**

Naviop's experience in complex and tailor-made systems for yachts and mega-yachts is distilled here in **a system that makes use of a vast and versatile library of custom-designed instruments, suitable to the context of every sailing and motorboat.** The interface is customized using the actual design of each deck, correctly placing the readings on the images, and therefore **having a global perception of the boat's status, at a glance.**
Some of the most important shipyards already offer Loop P as a standard in their 30 to 40 ft. boats.
Every Loop P system is designed by Naviop in coherence with the brand and corporate image of the shipyard and when requested, with the ship owner's suggestions: the result is an interface where the highest technology is hidden behind a user experience that is efficient and recognizable, a fundamental part of the onboard experience.



START PAGE

INFO PAGE

EGON SYNOPTIC

BATTERIES & POWER MGMT

WIDGETS
The graphic elements of the interface used both analog and digital ways to display measurements since it's proved that digits are more precise, but analog interfaces are quicker at catching the user's attention, a critical requirement on mooring, pitching or rolling boats.

MAIN CONTROLS PAGE

MAIN CONTROLS PAGE IN NIGHT MODE

CUSTOM DESIGN
The interface is designed by Naviop following a brief on the brand's corporate image and specific needs. Naviop will use real deck plans, logos, and actual photos provided by the yard.