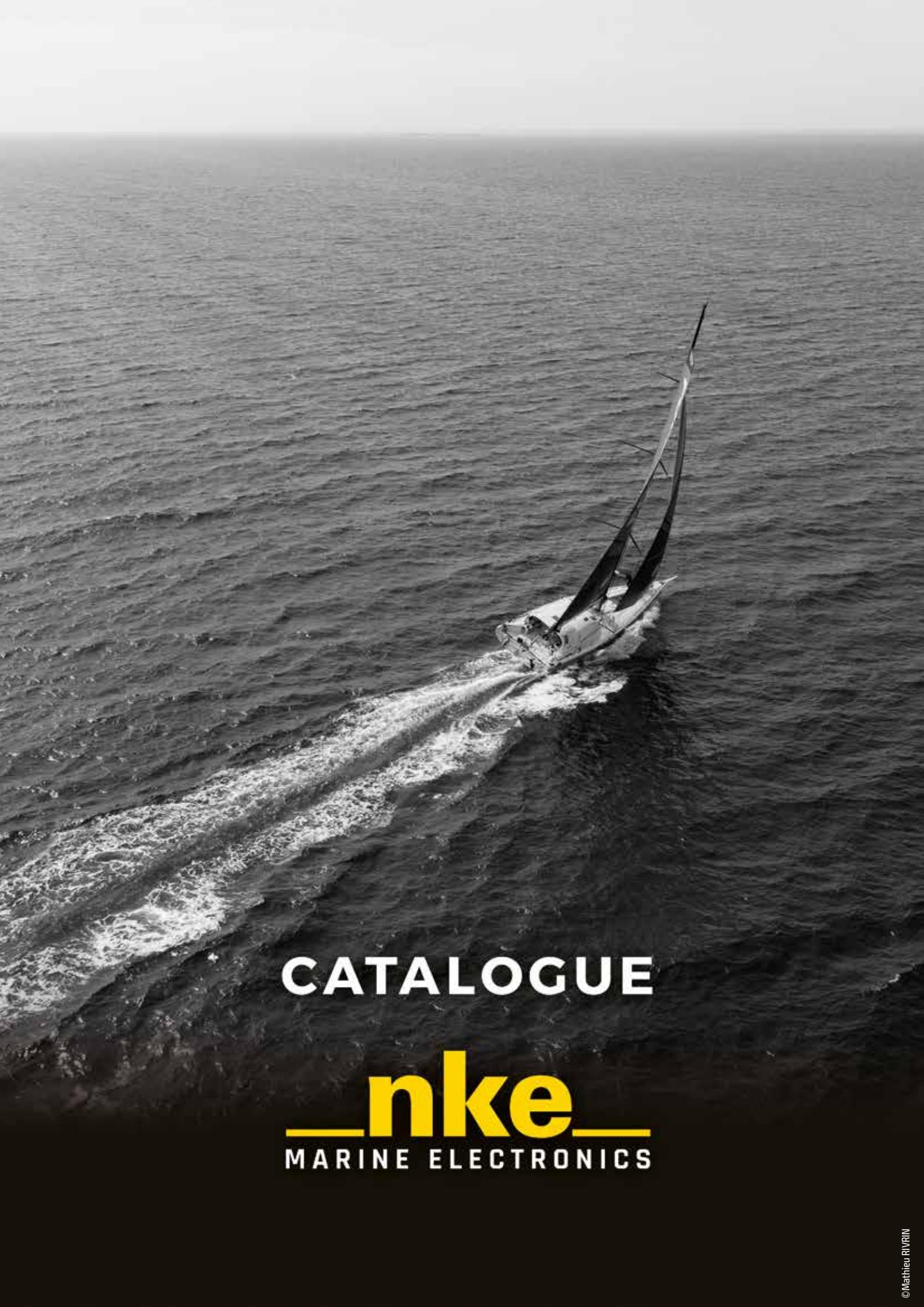




CATALOGUE

nke
MARINE ELECTRONICS



nke expertise

Based in Brittany, we design and manufacture our products entirely in-house — 100% French-made instruments that embody quality and a close connection with the sailing community.



nke
MARINE ELECTRONICS

Since 1984, nke has been designing and manufacturing innovative navigation instruments for all sailing enthusiasts — from cruising to offshore racing.

Tested in real conditions, approved by professionals and accessible to every keen sailors, our instruments are designed to assist you in every manoeuvre, every adjustment, every decision. Autopilots, sensors, displays... once on board, they quickly become indispensable!

We place performance, ease of use and safety at the heart of our solutions, with particular attention paid to the reliability of every instrument. Designed to remain compatible with technological developments and new equipment, nke products guarantee long-term compatibility and durability.

Committed to a sustainable approach, our after-sales service provides responsible support and maintenance, and extends the lifespan of our instruments. We are proud to support many skippers and adventurers, and to contribute alongside them to the worldwide reach and reputation of sailing.

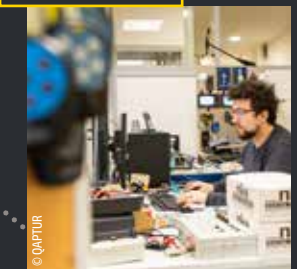
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DESIGN



TESTING AND VALIDATION



FULLY DEDICATED
TO SAILORS!

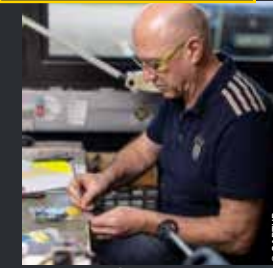
PRODUCTION



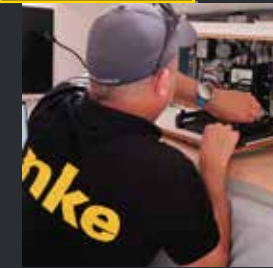
RESEARCH AND DEVELOPMENT



AFTER SALES SERVICE



SUPPORT AND INSTALLATION



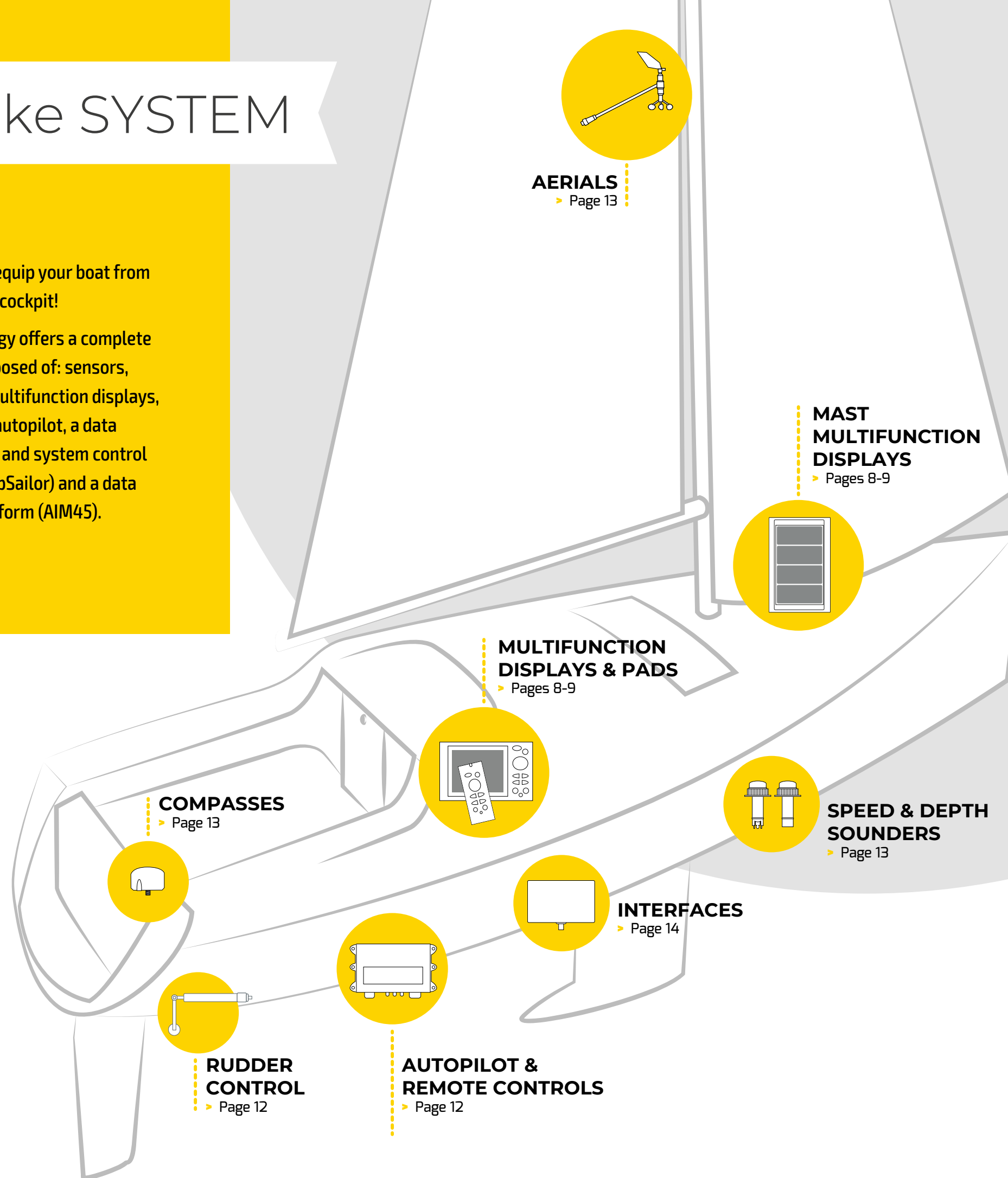
SALES



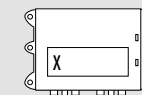
THE nke SYSTEM

Trust nke to equip your boat from masthead to cockpit!

Our technology offers a complete system composed of: sensors, interfaces, multifunction displays, a renowned autopilot, a data visualization and system control software (TopSailor) and a data analysis platform (AIM45).



Offshore racing configuration:



PROCESSOR X
or **PROCESSOR X HR**
➤ page 15



3D SENSOR HR
➤ page 15

Data visualization and analysis with:



TOPSAILOR SOFTWARE
➤ page 16



AIM45 PLATFORM
➤ page 17



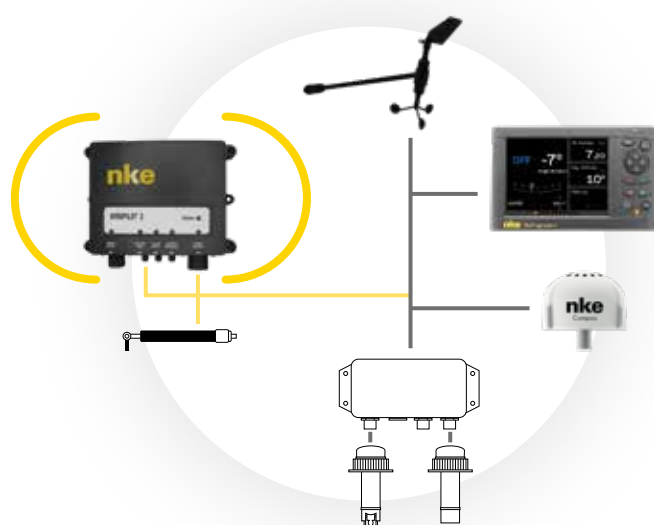
The nke bus

The nke bus is simple, adaptable and scalable: new instruments can be connected at any point in the network to expand your setup as needed.

PACKS

CRUISING PACK

Bringing together all the essential navigation instruments to make the most of every sailing cruises with your comfort in mind, our Cruising Pack is the perfect companion on all your voyages — **from short coastal hops to extended coastal cruising.**



STANDARD CONFIGURATION

- 1 Multigraphic II
- 1 standard wind sensor
- 1 fluxgate compass
- 1 depth sounder
- 1 paddle wheel speed sensor

CONFIGURATION WITH AUTOPILOT

- 1 GyroPilot 3
- 1 rudder angle sensor

OFFSHORE RACING PACK

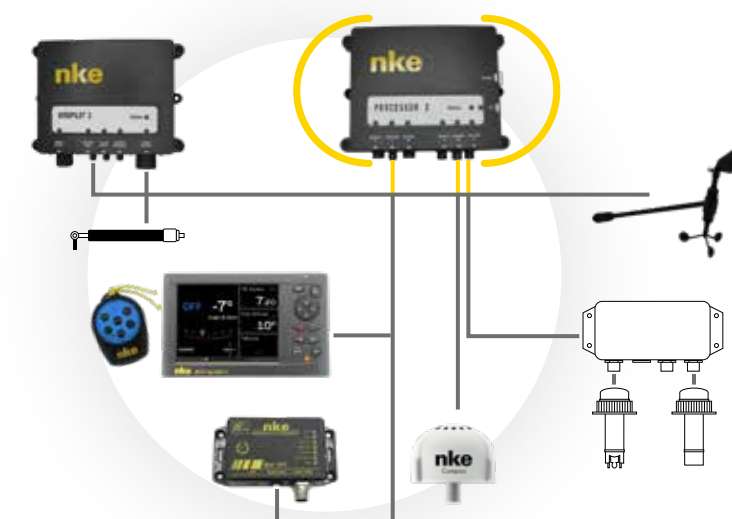
Whether you're sailing solo or with a small crew, the Offshore Racing Pack offers the precision, **reliability and responsiveness that competition demands.** A concentration of proven technologies designed to optimise every manoeuvre and keep full control, even in the most challenging conditions.

CONFIGURATION

- 1 GyroPilot 3
- 1 rudder angle sensor
- 1 Multigraphic II
- 1 wind sensor HR II
- 1 9X compass
- 1 depth sounder
- 1 ultrasonic speed sensor
- 1 box N2K
- 1 Autopilot remote control

CONFIGURATION WITH PROCESSOR X

- 1 Processor X



REGATTA PACK

Designed for performance enthusiasts and seasoned racers alike, our Regatta Pack combines **high-precision sensors** to help you make the right decisions at the right time and optimise every manoeuvre

STANDARD CONFIGURATION

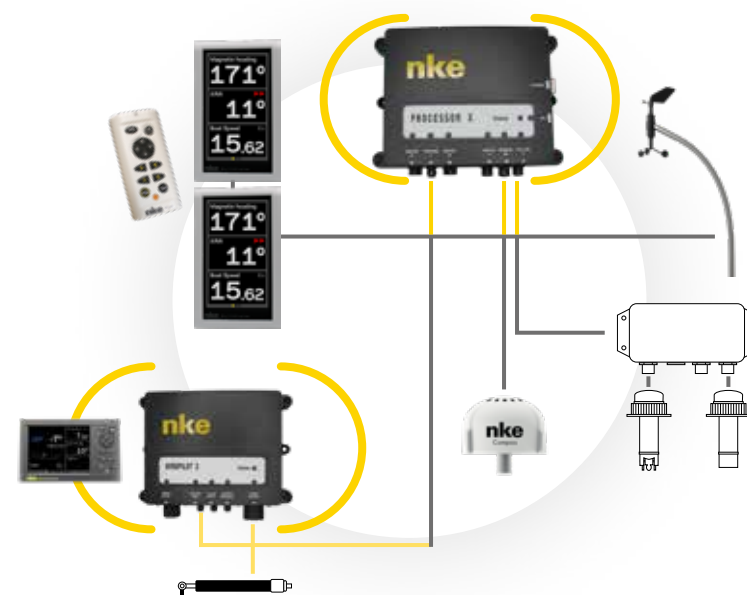
- 2 Multidisplay II
- 1 Aluwind HR II wind sensor
- 1 9X compass
- 1 depth sounder
- 1 ultrasonic speed sensor
- 1 PAD Display

CONFIGURATION WITH PROCESSOR X

- 1 Processor X

CONFIGURATION WITH PILOTE

- 1 GyroPilot 3
- 1 Multigraphic II
- 1 rudder angle sensor



HIGH-PERFORMANCE PACK

With the Processor X HR at the heart of the system, the High-Performance Pack delivers exceptional responsiveness and razor-sharp heading accuracy. High-frequency sensors, real-time calculations, ultra-reliable data — **everything you need to reach 100% performance, at all times.**



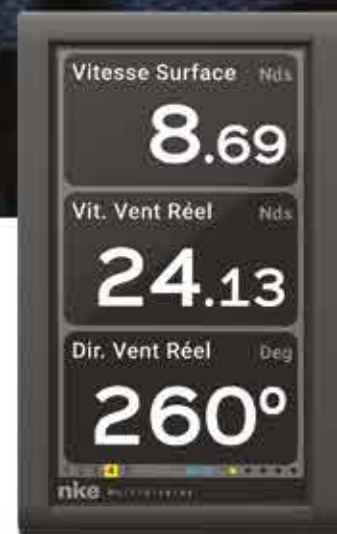
CONFIGURATION

- 1 Processor X HR
- 1 GyroPilot 3 HR
- 1 rudder angle sensor
- 1 Multigraphic II display
- 1 Carbowind HR II wind sensor
- 1 HF GPS
- 1 3D Sensor HR
- 1 depth sounder
- 1 ultrasonic speed sensor
- 1 box N2K
- 1 Autopilot remote control

MULTIFUNCTION DISPLAYS

An intuitive interface, bright screens and low power consumption — that's the uncompromising portrait of our multifunction displays.

Designed to adapt to every sailing type — cruising, racing or offshore — they give you instant access to essential data, whether at the helm or at the foot of the mast.



III PAD

The PADs are remote keypads that allow you to control and configure nke displays — particularly the Multidisplay units. Available in PAD Pilot and PAD Display versions, they cover all interaction needs with your instruments, autopilot and display shortcuts.

PILOT

With their PAGE, OK, and arrow keys, you can change the display, access menus, perform sensor calibrations and adjust autopilot settings. The other six keys are dedicated to the autopilot. The MOB key, common to all nke control units, instantly triggers a man overboard alarm.

DISPLAY

This wired remote control also includes A-B-C-D keys for direct access to pre-programmed configurations. For example, after starting in configuration A, a single press on key B switches all Multidisplay units to show the data channels useful for upwind sailing. Key C can be assigned to the downwind leg, and so on. The PAD also provides full access to the system menus.

III Multidisplay II

All your data at a glance! The Multidisplay II is a **versatile, intuitive 7-inch display** that integrates easily into the Toplevel bus thanks to its quick setup: address assignment is configured simply with a magnet during installation, and the screen's orientation — portrait (mast) or landscape (cockpit) — is automatically detected.

Its bright, high-contrast yet energy-efficient screen ensures optimal readability in all conditions. It displays all your key navigation data — wind, heading, speed, AIS and more — in analog or digital mode, depending on your preference.

Controlled via your choice of separate wired keypads — **PAD Pilot** for autopilot control (if installed on board) and course management, or **PAD Display** for data display, timer and useful shortcuts during regattas — it adapts perfectly to every type of navigation.

Fully compatible with our AIS system, it allows you to display key transponder information directly on the screen, enhancing both safety and comfort on board. Display, configure and control your data with our **nke Display Pro app!**



III Multigraphic II

The Multigraphic II is a 5.7" colour LED display that offers outstanding readability and **direct access to autopilot functions and Toplevel bus data**. Equipped with an ultra-fast microprocessor, it features a built-in 13-button keypad and a wide-angle TFT screen for smooth, intuitive operation. Its modern HMI (Human-Machine Interface), harmonised with that of the Multidisplay II, ensures a consistent and user-friendly experience.

With low power consumption and an integrated brightness sensor, it's both efficient and economical on board. The NMEA 0183 input allows **easy connection to peripherals or an AIS transponder** to display targets, collision alerts or dedicated AIS pages. With its new features — display of up to nine data fields, a dedicated GyroPilot 3 control page, and optimised tactical pages — the Multigraphic II stands out as a true on-board command centre, combining navigation, autopilot and AIS in a single screen.

GPS CHARTPLOTTER

Once installed on board, our NavXP GPS chartplotter will quickly become indispensable! Thanks to its **ergonomic, multifunction touchscreen**, you'll have a truly central, fully customisable dashboard right at your fingertips.

Easy to use, its intuitive interface — featuring a smartphone and tablet-inspired menu bar — makes monitoring your navigation simple and seamless.



NavXP chartplotter

The NavXP offers an optimal navigation experience and will be your trusted ally in every respect:

- **Navigation:** equipped with an integrated GPS, our chartplotter is compatible with Navionics+ and Platinum+ charts and can be connected to a radar for even greater accuracy.
- **Display:** connected to the NMEA 2000 network, the NavXP communicates with your onboard instruments and displays all measured data on its dashboard.
- **Connectivity:** WiFi, Bluetooth, hotspot, HDMI, MicroSD, radio, and a built-in amplifier for live music playback — it has it all!

Available in 4 screen sizes (10», 12», 16», and 24»), the NavXP can also be **paired with a remote repeater** (5 or 6m cable), ideal for displaying charts from a distance. Thanks to Navionics+ chart sharing, your navigation experience remains smooth and fully optimised, whatever screen size you choose.

AIS SYSTEM

Our AIS range includes an AIS transponder and an antenna splitter.



AIS TRANSPONDER

GuardXP+ Transponder (5W SOTDMA)

The GuardXP+ is a new-generation AIS transponder designed to ensure your safety at sea — whether you're an amateur sailor or a professional skipper. Thanks to its very high reception sensitivity, it guarantees reliable transmission and reception of AIS and GPS data, making your boat visible to nearby ships and coastal stations. Its built-in WiFi interface allows direct connection to tablets, smartphones or computers, enabling connected navigation without additional equipment.

The GuardXP+ also features an NMEA 2000 interface for connection to chartplotters and an NMEA 0183 output for compatible instruments.

Supplied with a remote GPS antenna, the GuardXP+ supports all AIS communication formats for full integration with your onboard electronics:

- 1 integrated and secure WiFi network allowing up to 7 devices to connect simultaneously (UDP protocol),
- 1 NMEA 2000 input for connection to a chartplotter,
- 1 NMEA 0183 multiplexer with one input and one output.

The GuardXP+ ensures safer, more connected and stress-free navigation.



ANTENNA SPLITTER

SplitXP

The VHF antenna splitter is an essential accessory for any sailboat owner wishing to connect both a fixed VHF radio and an AIS transponder to a single VHF antenna. The SplitXP is therefore the perfect match for our GuardXP+ transponder.

AUTOPILOT

An iconic piece in our product range, the GyroPilot 3 embodies all of nke's expertise in autopilot technology. Acclaimed in the world of ocean racing, it brings together cutting-edge innovations, tested and proven by some of the world's greatest sailors, to deliver unwavering reliability and precision in every condition. Engineered to be a dependable crew member, it meets the expectations of cruising sailors while integrating the same high-performance technology trusted by professionals.



||| GyroPilot 3

Drawing on 40 years of expertise and cutting-edge high-frequency processing, the GyroPilot 3 delivers smooth, dependable and highly precise steering for every type of boat - whatever the sea or wind conditions. Whether you're cruising or racing, it intuitively adapts to your sailing style, keeping you confidently on course. It features all the classic modes - true wind, apparent wind, compass, GPS, VMG, and more - and goes a step further with "SUPER" modes that respond instantly to gusts of wind and help stabilise heel. In the event of a man overboard (MOB), it can automatically tack, gybe, or bring the boat head-to-wind to assist recovery.



||| Rudder angle

The rudder angle is a key parameter for the autopilot, forming the core of its control loop. Our high-resolution sensor (accurate to one-tenth of a degree) ensures exceptional precision and long-term reliability, with proven durability over more than five million cycles.



||| GyroPilot 3 HR

Designed specifically for offshore racing, our GyroPilot 3 HR calculator reads wind, heel and speed to adjust the rudder in planing or foiling conditions, consistently and proactively. Tuned for pure, high-speed performance, it features advanced steering modes (SUPER modes: heel, max heel, speed, AWA - Apparent Wind Angle, TWS - True Wind Speed) and harnesses the power of our Processor X HR for ultra-fast, real-time data processing, delivering unmatched course keeping.



||| Hydraulic drive unit

The system includes a reversible pump and a linear actuator. With this setup, nke guarantees firm, responsive steering in all conditions and optimum performance.



||| Remote controls

Lightweight and ergonomic, our wireless remote controls combine autonomy with safety.

AUTOPILOT REMOTE

Whether you're at the helm, by the mast or on the foredeck, this remote lets you control the autopilot with ease.

DISPLAY REMOTE

Whether you're at the helm, by the mast or on the foredeck, this remote lets you control the autopilot with ease.

CREW REMOTE

When sailing with a crew, the remote enhances onboard safety by detecting if a crew member falls overboard and automatically triggering the Man Overboard (MOB) detection system.



||| Radio receiver

When paired with the pilot, display or crew remotes, the radio system further strengthens onboard safety by supporting up to eight transmitters simultaneously.

||| Joystick

This joystick provides direct, hands-on control of the helm position.



SENSORS

nke has developed a wide range of specialised sensors designed to meet the needs of every type of boat.

WIND



||| Standard wind sensor

This wind sensor provides a full 360° reading of true wind angle and speed in knots. Easy to install at the masthead, it automatically corrects mechanical offsets to ensure consistently accurate measurements



||| Wind sensor HR II

This high-resolution wind sensor has been engineered to perform in the most demanding sailing conditions. Its design ensures ultra-fast measurement of wind speed and direction, and it integrates an IMU directly at the masthead.



||| Carbowind HR II

Using the same technology as the wind sensor HR II, this unit is set above mast and rigging turbulences thanks to its rigid, robust carbon pole. With a direct connection to the Topline bus and a 50 Hz NMEA output, it's a true asset for performance-driven sailors seeking precision and reliability.



||| Aluwind HR II

Similar to the Carbowind HR II, this version features a more compact aluminium pole, making it a high-performing and cost-effective alternative. Its precision engineering and specialised ball bearings ensure reliability, sensitivity, and responsiveness.



||| Apparent wind monitor

It improves steering accuracy by providing real-time, noise-filtered wind data when sailing upwind. It allows the connection of multiple sensors (including mast rotation sensor), supports up to three different wind sensors, and isolates the masthead unit from the rest of the system.



||| Mast angle sensor

Essential for rotating masts and a key component in the wind calculation chain, it is available in both inductive and mechanical versions.

COMPASS



||| 9X Compass

This precision sensor operates like an inertial unit. By combining accelerometers, gyroscopes, and magnetometers, it provides real-time 3D orientation data - heading, heel, and pitch - via the bus and a 25 Hz NMEA output.



||| Fluxgate Compass

A proven and reliable technology that delivers magnetic heading data to both the autopilot and the sailor. Its components are suspended in liquid to prevent interference from the boat's motion.

GPS



||| HF GPS

This High-Frequency GPS sensor (10 Hz) provides responsive updates of position, speed over ground, and course over ground, helping to stabilise steering in true wind mode.

SPEED AND DEPTH SENSORS



||| Ultrasonic speed sensor

This speed sensor uses ultrasonic transit-time measurement technology. Designed to deliver a perfectly linear reading from 0 to 50 knots, it combines performance, reliability, and durability - without mechanical moving parts.



||| Electromagnetic speed sensor

Enjoy the precision of electromagnetic measurement, operating without any mechanical moving parts for maximum reliability. Its low-maintenance electrodes ensure consistent, long-lasting performance.



||| Paddle wheel speed sensor

A true classic in surface-speed measurement, it remains popular for its proven efficiency. Its time-tested design delivers solid performance and provides a simple, reliable solution for speed readings.



||| Depth sensor

This plastic sensor reliably measures depths down to 120 meters. Removable and practical, it can easily be replaced with a plug for off-season storage on land.



||| LSI = LOG AND SOUNDER INTERFACE

This interface digitises analog sensors (log and depth sensor) and records distance travelled to provide both daily and total logs.



||| Dual LSI = DUAL LOG AND SOUNDER INTERFACE

The dual log and depth sensor interface is designed for wide-hulled boats, ensuring that at least one of the two speed sensors remains submerged regardless of the boat's heel.



||| Barometer HR 100

Compact and highly precise, this atmospheric pressure sensor, accurate to one hundredth of a millibar, will quickly become an essential ally for onboard weather forecasting.

INTERFACES

Our interfaces act as the vital link between sensors, displays, and onboard networks, enabling smooth and intelligent sharing of navigation data across all your instruments.

PROCESSORS



Box N2K

The Box N2K serves as a dual gateway, bridging NMEA 0183/Topline and NMEA 2000/Topline networks. It effortlessly connects the Topline bus, a NMEA 2000 network, and your NMEA 0183 devices, making all data instantly available on your displays. You can also share this information with a computer or WiFi-enabled device for fully connected navigation.



WiFi USB Box

This interface multiplexes bus data (wind, speed, etc.) with NMEA input, sending data like heading and waypoint distance on the bus to your multifunction displays. It ensures all your navigation data is centralized and accessible.



Ethernet Box

The Ethernet Box offers all the features of the USB Box but connects directly to an Ethernet network instead of WiFi. It centralizes all navigation data on a single network, using a router that can also provide WiFi connectivity.

The Processor continuously centralizes and processes ultra-precise data, delivering reliable insights for your tactical and strategic decisions onboard.



Processor X

The Processor X is the strategic heart of your setup. It centralizes, analyzes, and refines all sensor data in real time, giving you an ultra-precise picture of your navigation. Designed for demanding sailors, it allows fine-tuning of instruments, creation of custom calculation variables, and deep analysis of performance, whether racing or training. Paired with an inertial sensor like the 3D Sensor HR, it provides exceptionally clean, high-precision wind data for optimal steering. Its configurable interfaces let you connect a wide range of instruments.



Processor X HR

Your autopilot's right hand

What sets it apart from the Processor X? Engineered for sailors chasing peak performance, the Processor X HR acts as the mastermind behind your instruments. It ensures even more responsive steering, pinpoint course holding, and absolute confidence in your data - even in the most challenging conditions. With extreme resolution and speed, it pushes piloting data to the limit. When combined with our GyroPilot 3 HR, your nke system reaches the ultimate level of performance!



Battery Monitor 500

This monitor measures instantaneous currents up to 500A, supporting the high-power charging systems found on modern installations. It delivers accurate, real-time battery monitoring.



Analog Monitor

The Analog Monitor features a single analog input (potentiometric/0-10V), or four inputs in the 4X version, allowing you to connect one or more compatible sensors (mast angle, keel angle, etc.).



Load Cell Monitor

The Load Cell Monitor connects and calibrates strain gauge sensors. With its differential input, it is perfect for instrumented axes and precise measurement of rigging tension.



3D Sensor HR

The 3D Sensor HR is a high-precision inertial sensor, GPS-assisted and equipped with magnetometers, measuring the boat's movements and attitude in real time. It delivers the Processor X with data to correct wind measurements and calculate orientation and heading with high resolution.



3D Fog

Like the 3D Sensor HR, the 3D Fog sensor adds fiber-optic gyroscopes to eliminate magnetic interference, ensuring a stable heading in all sailing conditions.

SOFTWARE

TOPSAILOR

by nke

Developed by nke for nke navigation instruments, TopSailor delivers a comprehensive overview of your onboard setup and in-depth data analysis. Simply install the software on your onboard computer to manage your entire system and sensors with just a few clicks.

1 View your entire nke system at a glance

The intuitive dashboard gives you a complete, real-time view of all your instruments, autopilot status, and navigation data, so you're always in the know.



2 Configure your autopilot

Take full control of your autopilot! Set and save custom parameters in TopSailor for instant access anytime. The clear, user-friendly interface provides a full navigation overview, making decisions and sending new instructions to your autopilot faster and simpler.

Compatible with GyroPilot 2, GyroPilot 3, and GyroPilot 3 HR.



3 Customize your data pages

Just like an nke display, you can tailor your data pages to fit your needs and preferences. Highlight specific sensor data, choose display colors, and organize your screens for optimal clarity and convenience.



4 Instant system diagnostics

Get a complete snapshot of your entire system on a single page. Select any instrument to view its status, receive alerts for errors or data loss, and access detailed diagnostics. This feature enables precise calibration and fine-tuning for peak performance.



5 Analyze your navigation data

The Logger module centralizes all data collected by your onboard sensors. Primarily a diagnostic tool, it also allows you to review and analyze your sailing routes over time, helping you refine your strategy and improve your performance.



AIM45

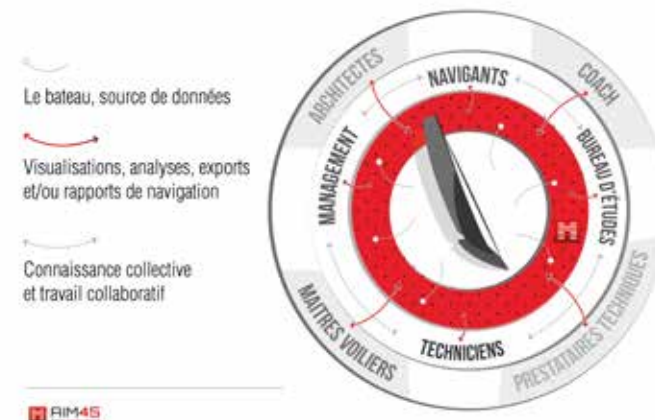
data conscience

PLATFORM

The AIM45 platform enables in-depth analysis of all navigation data collected by your onboard instruments.

Performance Insights for Everyone

After every offshore race, regatta, or training session, the AIM45 interface delivers a comprehensive navigation report. This helps you understand your boat's performance and identify clear opportunities for improvement.



1 Navigation Report

Your «Capture List» provides a summary of key features: track, wind data analysis, manoeuvres, performance metrics, calibration, and more. Your data is securely stored online, and you control access - share it with your technical team, coach, or boatyard as needed. Collaborative data sharing fosters team learning and smarter decision-making.

You can also download raw data from TopSailor and analyze it directly in AIM45.



2 Segment Analysis

Break down your track by periods of interest (wind speed, boat speed, heading, etc.) to generate a segment table and build performance polars.



3 Threshold & peak detection

Advanced algorithms automatically detect threshold exceedances, speed peaks, and variable behaviors. All sensor detections are instantly visible on your Capture List.

Statistiques	Nom	Min	Max	Moyenne	Médiane	Min	Max	Moyenne	Médiane	Min	Max	Moyenne	Médiane	Min	Max	Moyenne	Médiane
BSP	5.8	11.8	18.5	15.7	11.8	18.5	15.7	11.8	18.5	15.7	11.8	18.5	15.7	11.8	18.5	15.7	11.8
HDD	N/A	179	180	N/A	179	180	N/A	179	180	N/A	179	180	N/A	179	180	N/A	179
SDS	5.8	11.8	18.5	15.7	11.8	18.5	15.7	11.8	18.5	15.7	11.8	18.5	15.7	11.8	18.5	15.7	11.8
AWA	N/A	88	79	N/A	88	79	N/A	88	79	N/A	88	79	N/A	88	79	N/A	88
AWD	2.1	12.8	9.4	25.9	2.1	12.8	9.4	25.9	2.1	12.8	9.4	25.9	2.1	12.8	9.4	25.9	2.1
TWD	N/A	88	148	N/A	88	148	N/A	88	148	N/A	88	148	N/A	88	148	N/A	88
TWD	N/A	243	243	N/A	243	243	N/A	243	243	N/A	243	243	N/A	243	243	N/A	243
TWD	3.2	12.8	15.7	21.8	3.2	12.8	15.7	21.8	3.2	12.8	15.7	21.8	3.2	12.8	15.7	21.8	3.2

4 Calibration check

Verify sensor calibration by comparing AWA (Apparent Wind Angle) and TWD (True Wind Direction) data with reference calibration tables.



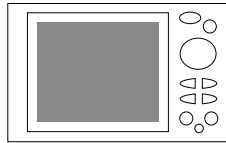
GPS CHARTPLOTTER



> NAVXP CHARTPLOTTER

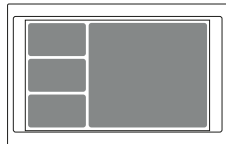
- > Available in 10" / 12" / 16" / 24"
- > Touchscreen display: 10", 12", 16" or 24"
- > Flush-mount dimensions (mm): 246 x 165 / 292 x 198 / 379 x 228 / 558 x 336
- > Waterproof rating: IPX7
- > Weight (kg): 2.1 / 2.4 / 3.4 / 9.5

MULTIFUNCTION DISPLAYS



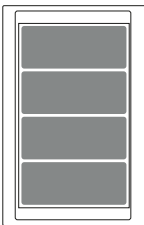
> MULTIGRAPHIC II

- > Dimensions [H x W x D]: 118 x 192 x 23 mm
- > Power consumption: 90 mA (no backlight) / 150 mA (with backlight)
- > Waterproof rating: IP67
- > Viewing angle: horizontal > 160° / vertical > 120°
- > Weight: 750 g (without cable)
- > Cable: 5 m – 40 g/m



> MULTIDISPLAY II 7" (LANDSCAPE / PORTRAIT MODE)

- > Dimensions [H x W x D]: 118 x 192 x 23 mm
- > Power consumption: 90 mA (no backlight) / 150 mA (with backlight)
- > Waterproof rating: IP67
- > Viewing angle: horizontal > 160° / vertical > 120°
- > Weight: 780 g (without cable)
- > Cable: 5 m – 40 g/m



> PAD PILOT / DISPLAY

- > Dimensions [H x W x D]: 118 x 58 x 23.3 mm
- > Power consumption: 50 mA
- > Waterproof rating: IP67
- > Weight: 190 g (without cable)
- > Cable: 6 m – 40 g/m

COMPASSES AND GPS



> 9X COMPASS

- > Dimensions (Ø): 80 mm
- > Power consumption: 25 mA
- > Resolution: 0.01°
- > Frequency: 25 Hz
- > Waterproof rating: IP67
- > Protocol: Topline + NMEA 0183
- > Weight: 200 g (without cable)
- > Cable: 6 m – 40 g/m



> HF GPS

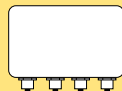
- > Dimensions (Ø x H): 80 x 85 mm
- > Max power consumption: 50 mA
- > Max power output: 600 mW
- > GPS type: 65 channels
- > Max acquisition rate: 20 Hz
- > Positioning accuracy: 2.5 m CEP
- > Protocol: Topline + NMEA 0183
- > Weight: 150 g (without cable)
- > Cable length: 10 m



> FLUXGATE COMPASS

- > Dimensions (Ø): 80 mm
- > Power consumption: 25 mA
- > Resolution: 1°
- > Weight: 200 g (without cable)
- > Cable length: 6 m

AIS SYSTEM



GUARDXP+ TRANSPONDER

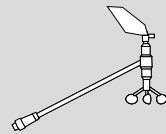
- > Dimensions [W x H x D]: 220 x 135 x 45 mm
- > Power supply: 12 V – 24 V DC
- > Power consumption: 5 W
- > Waterproof rating: IP54
- > Weight: 200 g (including power and NMEA 2000 cables)



SPLITXP

- > Dimensions [W x H x D]: 160 x 120 x 38 mm
- > Power supply: 12 V – 24 V DC
- > Power consumption: 1.8 W
- > Waterproof rating: IP54
- > Weight: 405 g (with 110 cm cable)

WIND SENSORS



> STANDARD & HR II WIND SENSOR

- > Power consumption: 25 mA
- > Angular resolution: 1° (0.1° for HR)
- > Weight: 180 g
- > Mounting plate and bracket: 160 g
- > Cable: 25 m or 35 m – 34 g/m



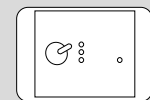
> CARBOWIND HR II

- > Power consumption: 25 mA
- > Angular resolution: 0.1°
- > Carbon pole height: 110 cm
- > Carbon tube: Ø outer 22 mm / Ø inner 18 mm
- > Weight: 600 g
- > Avionic cable: 25 m or 35 m – 17 g/m



> ALUWIND HR II

- > Power consumption: 25 mA
- > Angular resolution: 0.1°
- > Aluminium pole height: 70 cm
- > Aluminium tube: Ø outer 20 mm / Ø inner 18 mm
- > Weight: 600 g
- > Avionic cable: 25 m or 35 m – 17 g/m



> APPARENT WIND MONITOR

- > Dimensions [H x W x D]: 90 x 160 x 50 mm
- > Power consumption: 65 mA
- > Waterproof rating: IP54
- > Weight: 430 g (without cable)
- > Cable: 6 m – 40 g/m

SPEED AND DEPTH SENSORS



> ULTRASONIC SPEED SENSOR

- > 10 m cable with overmolded connector
- > Waterproof rating: IP67
- > Speed range: 0 to 50 knots
- > Temperature range: 0°C to +50°C
- > Weight: 300 g (with cable)
- > Through-hull fitting

> ELECTROMAGNETIC SPEED SENSOR

- > 2 m sensor cable with waterproof connector
- > Waterproof rating: IP67
- > Speed range: 0 to 35 knots
- > Temperature range: 0°C to +25°C
- > Weight: 400 g (with cable)
- > Through-hull fitting

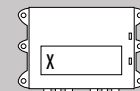
> PADDLE WHEEL SPEED SENSOR

- > 6 m cable with overmolded connector
- > Waterproof rating: IP67
- > Speed range: 0 to 50 knots
- > Temperature range: 0°C to +50°C
- > Weight: 300 g (with cable)
- > Through-hull fitting

> DEPTH SENSOR

- > 6 m cable with overmolded connector
- > Sounding range: tested up to 50 m
- > Weight: 350 g (with cable)
- > Through-hull fitting

PROCESSORS AND RELATED SENSORS



> PROCESSOR X ET PROCESSOR X HR

- > Dimensions [H x W x D]: 215 x 145 x 75 mm
- > Power consumption: 93 mA (@12 V) without 3D Sensor / 175 mA with 3D Sensor
- > Waterproof rating: IP67
- > Weight: 470 g (without cable)



> 3D SENSOR HR

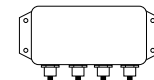
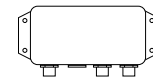
- > Dimensions [H x W x D]: 110 x 56 x 39 mm
- > Power consumption: 30 mA
- > Waterproof rating: IP67
- > Weight: 200 g



> 3D FOG

- > Dimensions [H x W x D]: 90 x 90 x 96 mm
- > Power supply: 9 V – 36 V
- > Power consumption: 550 mA @12 V
- > Weight: 860 g

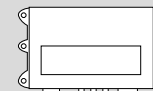
LOG AND SOUNDER INTERFACES



> LSI / DUAL LSI

- > Dimensions [H x W]: 145 x 65 mm
- > Power consumption: 60 mA
- > Power supply: 10 – 16 V DC
- > Waterproof rating: IP54
- > Weight: 160 g

AUTOPILOT



> GYROPILOT 3 ET GYROPILOT 3 HR

- > Dimensions [H x W x D]: 215 x 145 x 75 mm
- > Power supply: 12 V bus + 12 V / 24 V power
- > Power consumption: 30 mA
- > Waterproof rating: IP67
- > Weight: 670 g (without cable)



> RUDDER ANGLE

- > Dimensions [Ø x H]: 50 x 29 mm
- > Power supply: 10 – 16 V
- > Power consumption: 15 mA
- > Resolution: 0.1°
- > Cable length: 3 m – 40 g/m
- > Weight: 330 g (without cable)



> JOYSTICK

- > Dimensions [H x W x D]: 82 x 42 x 42 mm
- > Waterproof rating: IP65

REMOTE CONTROLS



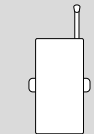
> AUTOPILOT / DISPLAY REMOTE

- > Dimensions [H x W x D]: 82 x 64 x 23 mm
- > Power supply: 3.6 V lithium battery
- > Waterproof rating: IP68
- > Weight: 65 g



CREW REMOTE

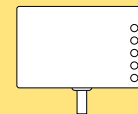
- > Dimensions [H x W x D]: 82 x 64 x 23 mm
- > Power supply: 3.6 V lithium battery
- > Waterproof rating: IP68
- > Weight: 65 g



> RADIO RECEIVER

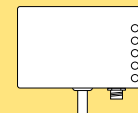
- > Dimensions [H x W x D]: 120.5 x 56 x 31 mm
- > Waterproof rating: IP20 (non-sealed housing)
- > Weight: 260 g (without cable)
- > Cable: 3 m

INTERFACE BOXES



> USB / WIFI / ETHERNET BOX

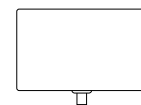
- > Dimensions [H x W x D]: 56.4 x 110 x 26 mm
- > Power supply: 8 V – 32 V
- > Power consumption: 50 mA
- > Cable length: 3 m – 32 g/m
- > Weight: 200 g



> N2K BOX

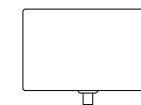
- > Dimensions [H x W x D]: 56.4 x 110 x 26 mm
- > Power supply: 8 V – 32 V / 50 mA @12 V
- > NMEA 0183 connection: 2 inputs + 2 outputs configurable from 4800 to 38400 baud
- > USB connector
- > WiFi interface
- > NMEA 2000 port
- > Cable length: 3 m – 32 g/m

SPECIFIC SENSORS



> BAROMETER HR 100

- > Dimensions [H x W x D]: 56.4 x 110 x 26 mm
- > Power supply: 8 V – 32 V
- > Power consumption: 50 mA
- > Resolution: 0.01 millibar
- > Cable length: 6 m – 37 g/m
- > Weight: 200 g



> BATTERY MONITOR 500

- > Dimensions [H x W x D]: 56.4 x 110 x 26 mm
- > Power supply: 8 V – 32 V
- > Power consumption: 50 mA
- > Cable length: 3 m – 32 g/m
- > Weight: 200 g (without cable or shunt)



> MAST ANGLE SENSOR

- > Dimensions [Ø x H]: 73 x 63.5 mm
- > Power supply: 10 – 16 V
- > Power consumption: 15 mA
- > Resolution: 0.1°
- > Cable length: 6 m – 40 g/m
- > Weight: 450 – 550 g (depending on mounting)



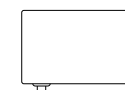
> FORESTAY TENSION SENSOR

- > Dimensions [Ø x L]: 12.7 x 32 mm up to 35 x 89 mm
- > Max load: 52 to 430 kN



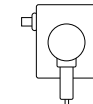
> ANALOG MONITOR

- > Available for Topline or NMEA 0183 bus
- > 1 potentiometric or 0–10 V input
- > Compatible with mast angle or keel sensors



> ANALOG MONITOR 4X

- > 4 analog 0–10 V inputs
- > Can connect up to 4 instruments (rotary, string, or other sensors)



> STRING POTENTIOMETER SENSOR

- > Available in 60 cm / 2 m / 3 m versions



> LOAD CELL MONITOR

- > 1 differential input
- > Can connect to an instrumented shaft or other load sensor

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