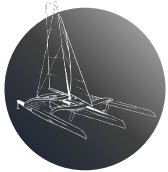# EXOCET SILVER

NAVIGATION SYSTEM

A NAVIGATION SYSTEM FOR THE NEW CHALLENGES OF SAILING

EXOCET Silver is an innovative navigation system developed on the world's largest racing yachts to meet the new challenges of modern sailing.

EXOCET Silver was designed for the extreme environment of competitive sailing, but is also perfectly suited to all kinds of marine projects.

MAIN FEATURES

ADVANCED CALCULATION OF TRUE WIND AND LEEWAY

NAVIGATION DATA DISPLAY

AUTOMATIC SENSOR FAILURE MANAGEMENT

COLLECTION, PROCESSING AND RE-EMISSION OF NAVIGATION DATA

ALERTS SYSTEM

NAVIGATION DATA RECORDING AT 1Hz

FUNCTION EXTENSIBILITY THROUGH MANTA PROGRAMMING

AUTOMATIC STEERING PERFORMANCE & SAFETY OVERCOVERS (optional)

EXOCET SILVER OFFER

From 15200 € excl.VAT

* Excluding control overlay (+15 000 €)

- An EXOCET Silver box
- Two connection cables : CAN + CAN Ethernet
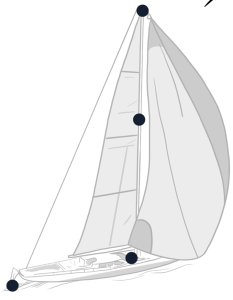- A user guide

ADDITIONAL OPTIONAL EXTRAS

- Blink keyboard: control & sail selection
- Additional cables: serial cable and IO/analog cable
- ExoConnect connection box: analog or serial
- 1 or 2 buzzer alarm box
- Contact input extension box (x16 inputs)
- Contact output extension box (x8 outputs)
- Analog, serial expension box on CAN or Ethernet

ADDITIONAL OPTIONAL SERVICES

- System configuration and interface customization (2 to 8 days) to be determined according to your specifications
- Multi-sensor system architecture and integration service
- Service for interfacing previously unlisted sensors

PIXEL SUR **MER**

HOW IT WORKS ?

NAVIGATION SENSORS
Wind, attitudes, performance, GPS, environment, etc.

SOFTWARE
Current, waypoint, sail configuration, etc.

- COLLECTION AND PROCESSING OF NAVIGATION DATA
- ADVANCED CALCULATION OF TRUE WIND AND LEEWAY
- AUTOMATIC SENSOR FAILURE MANAGEMENT
- FUNCTION EXTENSIBILITY THROUGH MANTA PROGRAMMING
- NAVIGATION DATA RECORDING AND TRANSMISSION (1Hz)

CLOUD SUBSCRIPTION

INFORMS THE CREW

- Customizable multi-media display, including compatible watches
- Compatible with on-board displays (B&G, Simrad, Garmin, NKE...)

Customizable alerts

Intuitive, responsive Web interface

Control keypad

DATA TRANSMISSION
Send data ashore to Exocet Cloud interface (by subscription)
On-board gateway to third-party equipment and software

Option

AUTOPILOT OVERLAYS
Optimizes autopilot performance with safety and performance overlays. They provide intelligent trajectory instructions to improve your boat's behavior when sailing under autopilot.

WHY CHOOSE EXOCET SILVER ?

› Automated sensor failure management: in the event of failure, Exocet Silver automatically switches to another sensor

› Accurate and responsive true wind calculation, including boat leeway calculation

› Delivered with a basic configuration, but fully customizable to user requirements via its Manta graphical programming interface

› Scalability: system designed to receive software updates to integrate new features (for a fee)

› Broad compatibility for optimal integration and connectivity

SPECIFICATIONS

PHYSICAL AND ENVIRONMENTAL

- ✓ Weight: 350 g
- ✓ Size: 113 x 97 x 40mm
- ✓ Materials: Anodized aluminum
- ✓ Operating temperature : -10°C / +50°C
- ✓ Water resistance: IP67
- ✓ Input voltage: 9 - 51V
- ✓ Power consumption: 4W
- ✓ Certifications : CE EN 60945 and FCC

INPUT/OUTPUT INTERFACES

- ✓ 1x Ethernet
- ✓ 2x CAN 2.0
- ✓ 6x Analog inputs - 16 bits 50 Hz
- ✓ 2x Digital contact inputs
- ✓ 3x Digital contact outputs
- ✓ 5x RS232 series
- ✓ 1x RS232 / RS422 series

APPLICATIONS

› **NAVIGATE PERFORMANTLY** using reliable indicators such as true wind and vessel performance.

› **CUSTOMIZE AT WILL** by adapting the system to your specific needs with advanced customization options.

› **OPTIMIZE YOUR AUTOMATIC PILOT** with a faster, safer trajectory

› **ANALYZE YOUR SAILINGS** by recording precise navigation data to evaluate and improve your performance.

› **NAVIGATE SERENELY** with customizable alerts for any sensor failure or weather change.