

# MAREX ECS

## SPECIFICATIONS



Easy to operate with a unique design and extensive options: the Marex ECS meets the highest production and quality standards and provides captains with maximum reliability, as proven by endurance testing with one million lever actuations. The Marex ECS controls single or twin gasoline and diesel engine applications. Trolling gear control is available as an option.

The system is designed for small pleasure and work boats and is compatible with all common engine types and reversing gears. Hardware is coming from proven automotive applications. The well-established CAN bus technology ensures reliable communication between the components. Sophisticated auto-diagnostics inform the operator of the current operating state. An alarm log is provided for subsequent evaluation.



**DESIGN**  
Timeless  
Easy to integrate  
Backlighting buttons



**USER EXPERIENCE**  
Wi-Fi web server  
Auto-configurable  
Intuitive icons



**SAFETY**  
Proven automotive components  
Compliant to U.S marine ABYC requirements  
Redundancy through Hall effect sensors

# MAREX ECS

## Manoeuvring system

### DESIGN

Excellent design supports operation in all situations. The straightforward, timeless style of the Marex ECS goes well with any ship design. Unmistakable keypad icons ensure intuitive operation.

- Exclusive chrome surfaces, contrasted with black
- Language-independent icons
- Subtle backlight illumination
- Dynamic, asymmetric levers

### USER-FRIENDLY

With the Marex ECS, NANNI is introducing one of the most innovative engine remote controls with integrated Wi-Fi to the market. Its sophisticated technology combines complex functionality with easy handling resulting in reduced installation and commissioning efforts and uncomplicated operation features. It can be adjusted wirelessly via Wi-Fi without additional software and hardware adapters, using the standard web browser on any smartphone, tablet, or laptop. The guiding browser interface ensures smooth commissioning.

- Market innovation: integrated Wi-Fi
- Web server access independent of hardware and operating system
- Auto-configuration
- Plug-in solution
- Ergonomic keypad design

### RELIABLE

#### MAREX ECS BASIC

Reliability made in Germany. Even the basic version of the Marex ECS sets benchmarks with its dependable function with the highest automotive production and quality standards. All components were developed in accordance with ABYC specifications and feature optimized safety in terms of electromagnetic radiation and environmental compatibility.

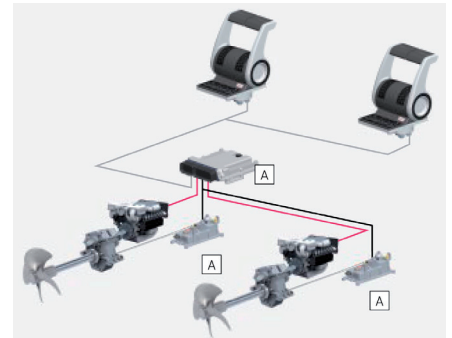
- Proven automotive control unit
- Sophisticated actuator
- ABYC-compliant
- Alarm log
- Manual operation of actuator
- Engine stall protection

#### MAREX ECS ENHANCED

The enhanced system features a separate backup Hall sensor which makes it even more reliable and safe. The control of the boat will be maintained, even if CAN communication is interrupted. In this version, each main propulsion is equipped with its own Marex ECS control - ensuring top-fail performance and system availability. *Additional functions exceeding basic version*

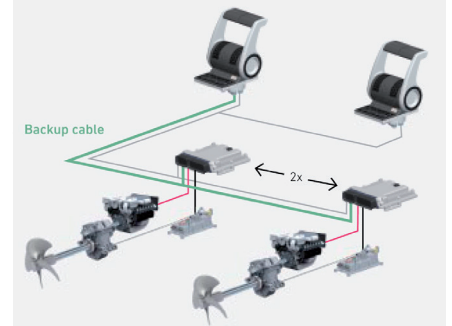
- Backup through Hall sensors
- One control per propulsion
- Gear feedback monitoring
- Trolling gearbox control

### U.S MARINE ABYC COMPLIANCE

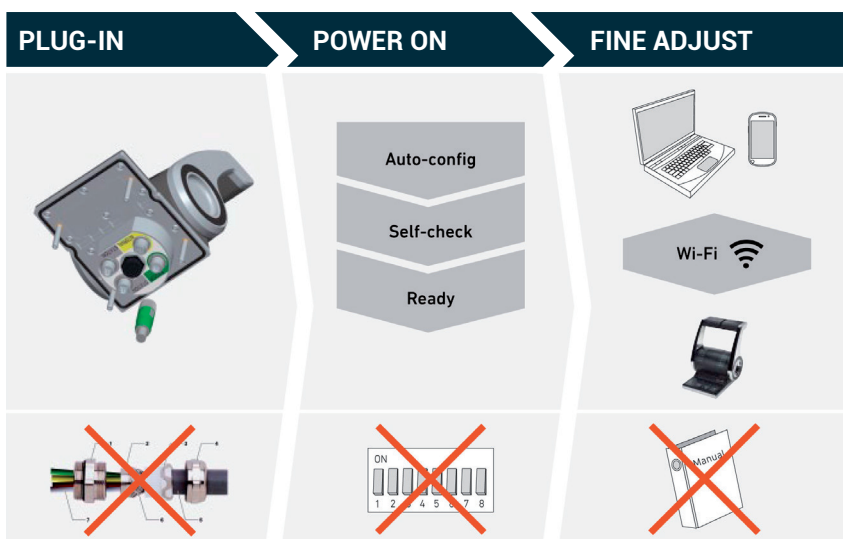


A - Automotive components

### REDUNDANCY BACKUP THROUGH ELECTROMECHANICALLY FREE HALL SENSORS



### TIME-SAVING START-UP



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