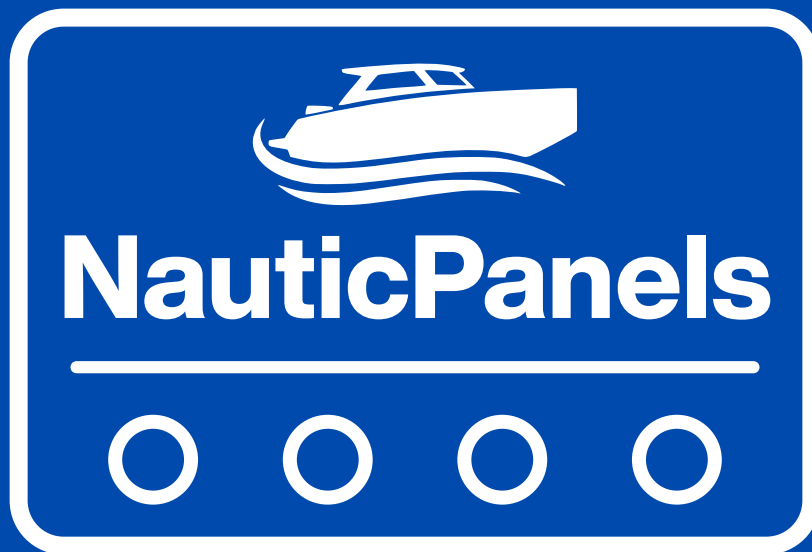


**YOUR BOOT.
DESIGN.
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CUSTOM MARINE ELECTRICAL COMPONENTS



MADE IN GERMANY

PROJECT

Private Sailing Yacht Indoor Control Panel

DESCRIPTION

Development and production of a fully integrated helm control panel including pre-assembled wiring harness for a sailing yacht. The project aimed to deliver a ready-to-install solution that combines switch panel, system integration, and structured wiring into one compact unit. All control functions were clearly arranged and labeled to ensure intuitive operation, while the integrated wiring harness significantly reduced installation time and complexity during assembly. Each connection was pre-configured and marked, enabling efficient and error-free integration into the vessel's electrical system. The panel features a high-quality finish, marine-grade components, and a robust design tailored for long-term use in demanding maritime environments.

TECHNICAL DETAILS

- **Material:** 5mm Acrylic
- **Labeling:** Laser-engraved
- **Protection Class:** IP65
- **Switches:** Stainless steel push buttons (19 mm)
- **Electrical System:** 12V / 24V DC compatible
- **Interfaces:** Light Control Panel
- **Mounting:** Front-mounted,
- **Wiring:** prewired to fit existing harness



PROJECT

Helm Control Panel with Integrated Wiring System (Sailing Yacht)

DESCRIPTION

Development and production of a custom helm control panel for a sailing yacht, including a fully pre-assembled wiring system with integrated terminal blocks.

The objective was to create a structured and service-friendly electrical setup while ensuring a clean and professional installation.

All connections were routed through clearly organized terminal strips, allowing for efficient distribution and simplified integration into the vessel's electrical system.

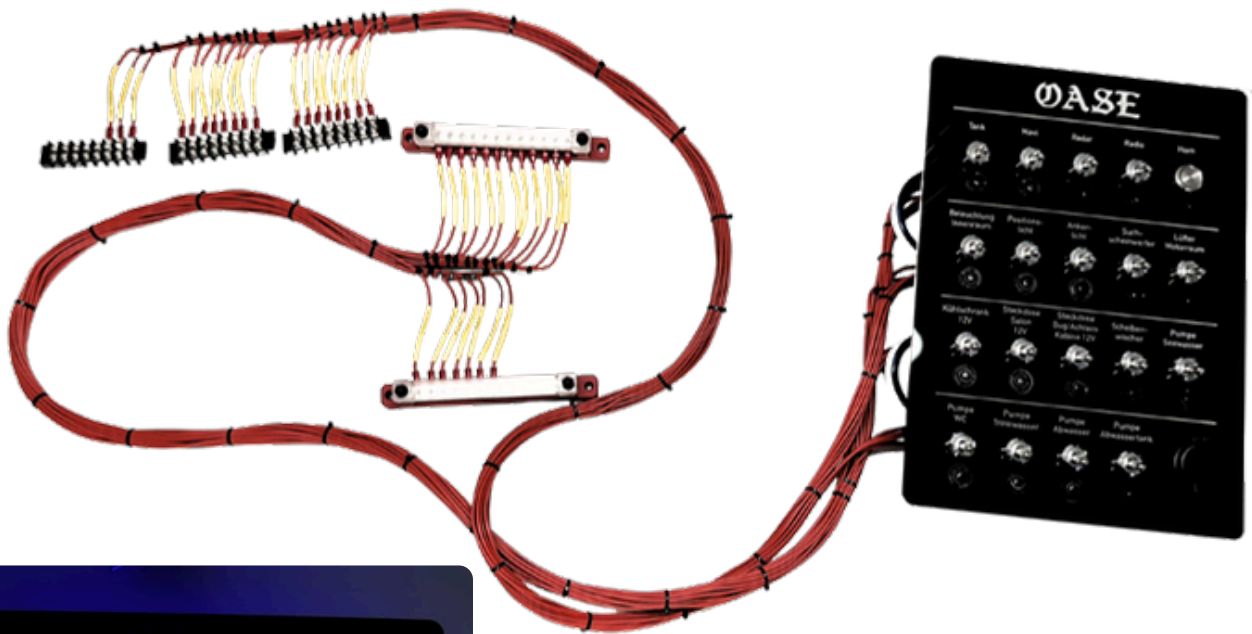
The pre-assembled wiring harness reduces installation time and minimizes the risk of wiring errors during assembly.

Special focus was placed on clarity, accessibility, and long-term serviceability, enabling easy maintenance and future modifications.

Combined with a high-quality panel design and precise labeling, the system provides a reliable and well-structured solution for onboard electrical control.

TECHNICAL DETAILS

- **Material:** 5mm Acrylic
- **Labeling:** Laser-engraved
- **Protection Class:** IP65
- **Switches:** Stainless steel push buttons (19 mm)
- **Electrical System:** 12V / 24V DC compatible
- **Interfaces:** none
- **Mounting:** Front-mounted,
- **Wiring:** full harness with bus-bars



PROJECT

Fully Integrated Smart Helm Control System (Superyacht Tender)

DESCRIPTION

Development and production of a fully integrated helm control system for a tender of a 65m superyacht, seamlessly connected to a Garmin-based smart boat system.

The objective was to create a modern, intuitive control interface that integrates both digital and physical switching in a unified solution.

The system combines illuminated stainless steel push buttons with dynamic color feedback (blue/red status indication) and a centrally controlled relay box for reliable signal distribution.

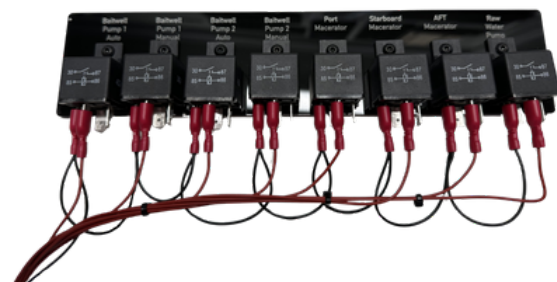
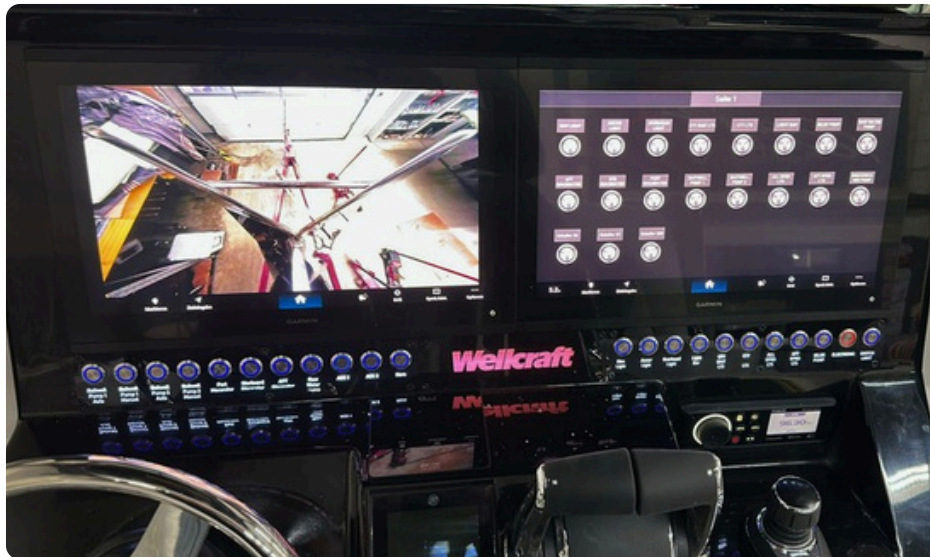
All switching functions are fully integrated into the onboard Garmin system, enabling synchronized control via both physical interface and touchscreen displays.

Special attention was given to user experience, ensuring clear visual feedback, intuitive operation, and a clean, high-end helm appearance.

The result is a premium control solution that enhances both functionality and aesthetics, tailored for demanding superyacht applications.

TECHNICAL DETAILS

- **Material:** 5mm Acrylic
- **Labeling:** Laser-engraved
- **Protection Class:** IP65
- **Switches:** Stainless steel push buttons (19 mm) dual color
- **Electrical System:** 12V / 24V DC compatible
- **Interfaces:** GARMIN
- **Mounting:** Front-mounted,
- **Wiring:** fully integrated into GARMIN Smart Boat System with NMEA2K



PROJECT

Helm Control Panel with Resettable Circuit Breaker System (Boston Whaler Sport Boat)

DESCRIPTION

Development and production of a custom helm control panel for a Boston Whaler sport boat, featuring an integrated connection system with resettable thermal circuit breakers.

The objective was to create a reliable and service-friendly electrical solution that combines control, protection, and structured power distribution. All circuits are routed through a centralized connection module equipped with resettable thermal breakers, providing effective protection against overload while allowing quick and easy reset without component replacement.

This significantly improves usability and reduces maintenance effort compared to conventional fuse-based systems.

The pre-assembled wiring harness ensures fast and error-free installation, while the clean panel layout and precise labeling enable intuitive operation.

The result is a robust, marine-grade system that enhances safety, simplifies servicing, and delivers a high-quality, integrated helm solution.

TECHNICAL DETAILS

- **Material:** 5mm Acrylic
- **Labeling:** Laser-engraved
- **Protection Class:** IP65
- **Switches:** Stainless steel push buttons (19 mm)
- **Electrical System:** 12V / 24V DC compatible
- **Interfaces:** Evinrude
- **Mounting:** Front-mounted,
- **Wiring:** fully custom wiring with fuse-holder for thermal breakers



PROJECT

Custom Curved Helm Panel (Cranchi Yacht)

DESCRIPTION

Design and production of a custom curved helm panel for a Cranchi yacht, tailored to match the original dashboard geometry.

The objective was to achieve a seamless integration into the existing helm while upgrading the overall visual quality.

The panel was precisely manufactured with a defined curvature to ensure a perfect fit within the helm structure, maintaining the original design language of the vessel.

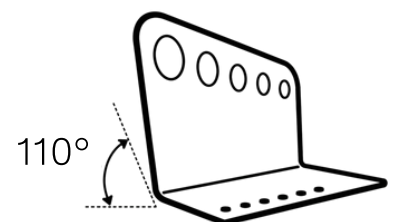
All cut-outs and mounting points were accurately aligned to allow straightforward installation without structural modifications.

Special attention was given to surface finish, engraving precision, and overall fitment, ensuring a high-end appearance consistent with the yacht's interior.

The result is a premium replacement panel that combines exact fit, refined aesthetics, and durable marine-grade construction.

TECHNICAL DETAILS

- **Material:** 5mm Acrylic
- **Labeling:** Laser-engraved
- **Protection Class:** IP65
- **Switches:** Stainless steel push buttons (19 mm)
- **Electrical System:** 12V / 24V DC
- **Interfaces:** for existing switches
- **Mounting:** Front-mounted
- **Wiring:** none



PROJECT

Refit Switch Panel with Custom Laser-Etched Rocker Covers (Sport Boat)

DESCRIPTION

Refit and upgrade of a helm switch panel for a sport boat, with a focus on enhancing both functionality and visual consistency through customized components.

The project included the integration of Carling Contura V rocker switch covers featuring individually laser-etched symbols and labels.

This allowed for a clean, uniform appearance while maintaining compatibility with the existing switching system.

Special attention was given to the design and readability of the symbols, ensuring intuitive operation and clear identification of all functions.

The custom laser engraving provides a durable, high-quality finish that withstands harsh marine environments and long-term use.

The result is a modernized helm interface that combines reliable switching hardware with a refined, fully customized visual design.

TECHNICAL DETAILS

- **Material:** 5mm Acrylic
- **Labeling:** Laser-engraved
- **Protection Class:** IP65
- **Switches:** Carling Contura V
- **Electrical System:** 12V / 24V DC
- **Interfaces:** for existing switches
- **Mounting:** Front-mounted
- **Wiring:** none



Custom Laser-Etched Rocker Covers



PROJECT

Pontoon Boat Outside Helm Station

DESCRIPTION

Development and production of a custom control panel for the outside helm station of a pontoon boat.

The focus was on maximum weather resistance, intuitive operation, and a clear layout of all functions in an open cockpit environment.

The panel was specifically designed for demanding marine conditions and provides a robust, durable solution for daily use.

By integrating all essential control functions into a compact layout, an intuitive user experience was achieved while maintaining a modern, high-quality appearance.

TECHNICAL DETAILS

- **Material:** 5mm Acrylic
- **Labeling:** Laser-engraved
- **Protection Class:** IP65
- **Switches:** Stainless steel push buttons (19 mm)
- **Electrical System:** 12V / 24V DC compatible
- **Interfaces:** USB / AUX / 12V socket (customizable)
- **Mounting:** Front-mounted, screw-fixed design
- **Wiring:** Pre-assembled harness or terminal connection



PROJECT

Charter Sailing Yacht Helm Station

DESCRIPTION

Design and production of a custom engraved front panel for a sailing yacht control interface.

The project focused on creating a clean, precisely structured layout for switch and control integration, while ensuring a high-end visual appearance. The panel was manufactured as a standalone component without pre-installed switches, allowing for flexible integration into the existing onboard electrical system.

Special attention was given to clear labeling, durability, and optimal readability under marine conditions.

With its high-quality surface finish and precise laser engraving, the panel combines functionality with a modern, minimalistic design tailored to the yacht's interior.

TECHNICAL DETAILS

- **Material:** 5mm Acrylic
- **Labeling:** Laser-engraved
- **Protection Class:** IP65
- **Switches:** customer
- **Electrical System:** 12V / 24V DC compatible
- **Interfaces:** prepared for existing interface
- **Mounting:** Front-mounted,
- **Wiring:** /



PROJECT

Backlit Helm Control Panel (Sailing Yacht Sunbeam 28.1)

DESCRIPTION

Design and production of a custom backlit helm control panel for a Sunbeam 28.1 sailing yacht, combining functional control elements with a distinctive visual appearance.

The panel features integrated illumination, providing clear visibility of all functions under low-light and night-time conditions.

Special attention was given to achieving a balanced lighting effect, ensuring optimal readability without glare.

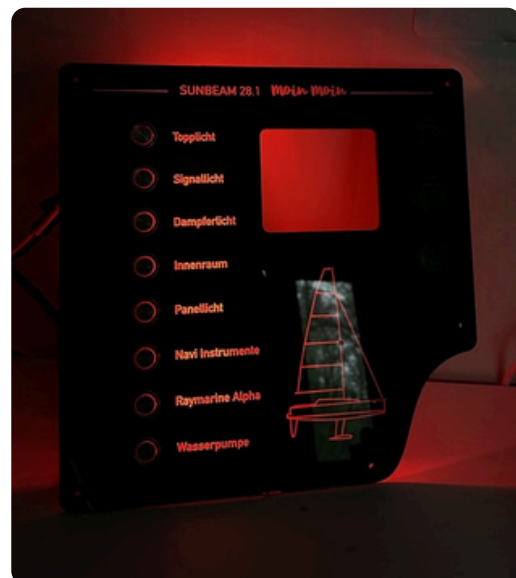
All control elements are clearly structured and labeled, allowing intuitive operation, while the integrated design seamlessly incorporates space for navigation instruments.

The panel also includes customized visual elements, such as engraved graphics and personalized branding, enhancing the overall aesthetic of the helm.

The result is a high-quality, modern control interface that improves usability in all lighting conditions while delivering a unique and premium look.

TECHNICAL DETAILS

- **Material:** 5mm Acrylic
- **Labeling:** Laser-engraved
- **Protection Class:** IP65
- **Switches:** Stainless steel push buttons (19 mm)
- **Electrical System:** 12V / 24V DC compatible
- **Interfaces:** none
- **Mounting:** Front-mounted,
- **Wiring:** full harness with bus-bars



PROJECT

Helm Control Panel with Integrated Circuit Protection (Sport Boat)

DESCRIPTION

Development and production of a custom helm control panel for a sport boat, featuring integrated circuit protection for each electrical function.

The objective was to combine switching and fuse protection in one compact, user-friendly interface.

Each circuit is individually protected and clearly assigned, allowing for safe and reliable operation of all onboard systems.

The combination of stainless steel push buttons and integrated resettable circuit breakers ensures both durability and ease of maintenance.

The panel was designed for intuitive use, with a clean layout and clearly structured labeling, while maintaining a robust construction suitable for demanding marine environments.

Its high-quality finish and integrated functionality make it an efficient and space-saving solution for modern sport boats.

TECHNICAL DETAILS

- **Material:** 5mm Acrylic
- **Labeling:** Laser-engraved
- **Protection Class:** IP65
- **Switches:** Stainless steel push buttons (19 mm)
- **Electrical System:** 12V / 24V DC compatible
- **Interfaces:** /
- **Mounting:** Front-mounted,
- **Wiring:** prewired to fit existing harness



PROJECT

Private Sport Boat Replacement of Old Panels

DESCRIPTION

Redesign and production of replacement helm panels for a sport boat, with the objective of upgrading the visual quality while maintaining full compatibility with the existing setup.

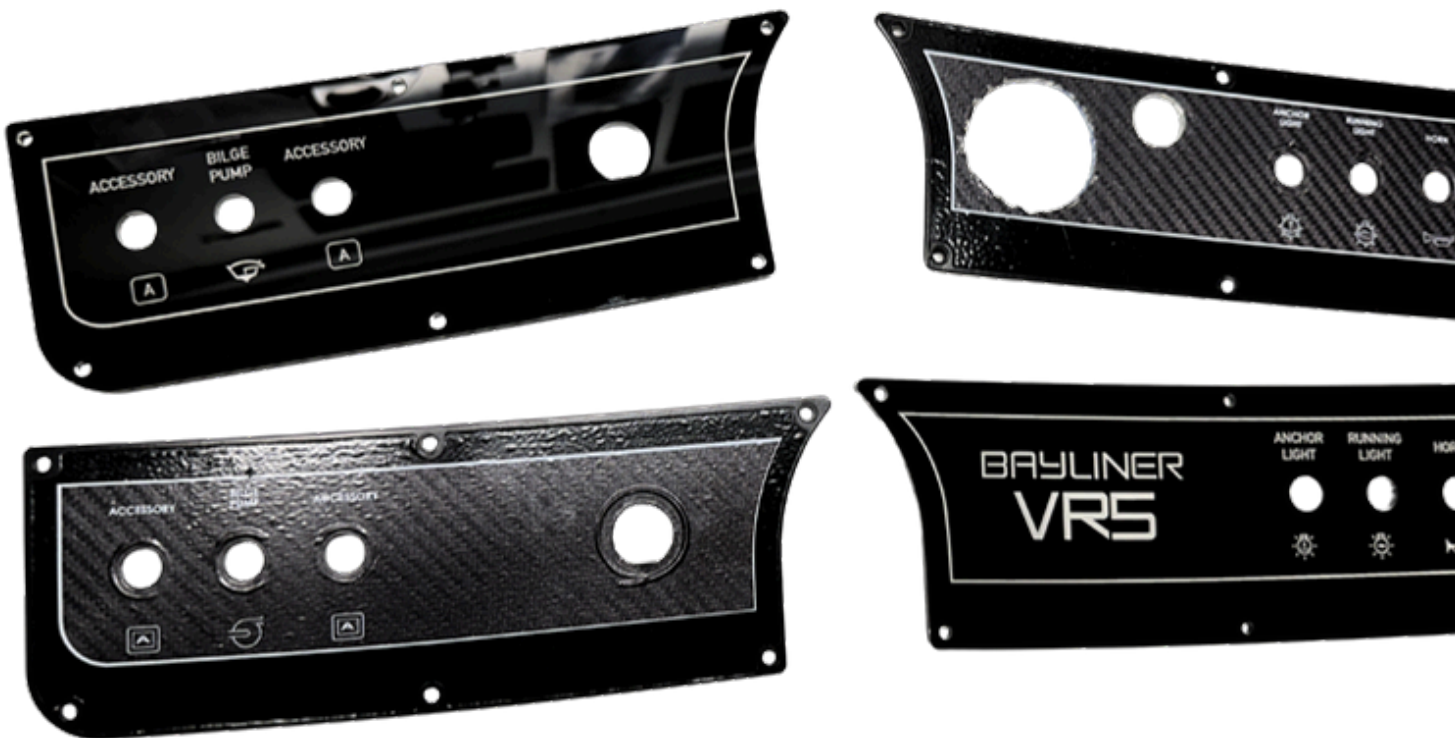
The original panels were precisely reverse-engineered and recreated with a 1:1 layout, ensuring a seamless replacement without any modifications to the boat's structure or electrical system.

Focus was placed on achieving a significantly enhanced appearance through high-quality materials and refined surface finishing.

The new panels provide a modern, premium look while preserving the original functionality and mounting geometry, making them an ideal solution for refit and upgrade projects.

TECHNICAL DETAILS

- **Material:** 5mm Acrylic
- **Labeling:** Laser-engraved
- **Protection Class:** IP65
- **Switches:** /
- **Electrical System:** 12V / 24V DC compatible
- **Interfaces:** /
- **Mounting:** Front-mounted,
- **Wiring:** prewired to fit existing harness



PROJECT

Custom Replacement Panels (30ft Yacht)

DESCRIPTION

Design and production of custom replacement panels for a 30ft yacht, focusing on upgrading the visual appearance while maintaining full compatibility with the existing installation.

All panels were precisely measured and reproduced as exact 1:1 replacements, ensuring a seamless fit without any modifications to the original mounting points or cut-outs.

The project included multiple panel elements, each tailored to match the original layout and functionality.

The new panels were manufactured using high-quality materials and refined surface finishes, significantly enhancing the overall look and feel of the helm area.

Precise engraving and clean design contribute to improved readability and a modern, premium appearance.

This solution provides an efficient way to modernize existing boats while preserving their original structure and technical setup.

TECHNICAL DETAILS

- **Material:** 5mm Acrylic
- **Labeling:** Laser-engraved
- **Protection Class:** IP65
- **Switches:** /
- **Electrical System:** /
- **Interfaces:** for existing gauges
- **Mounting:** Front-mounted,
- **Wiring:** none



PROJECT

Carbon Fiber Helm Panel with Acrylic Insert (Hustler 38 Powerboat)

DESCRIPTION

Design and production of a custom helm panel for a Hustler 38 powerboat, featuring a carbon fiber construction combined with a precision-fitted acrylic insert.

The objective was to create a lightweight, high-performance panel with a distinctive, premium appearance.

The carbon fiber surface provides a modern, technical look while ensuring high strength and durability under demanding marine conditions.

The integrated acrylic insert allows for a clearly defined control section, combining functional clarity with a refined visual contrast.

All cut-outs and mounting points were precisely manufactured to match the existing helm layout, enabling seamless integration without structural modifications.

Special attention was given to material transitions, edge quality, and overall finish to achieve a high-end result consistent with performance-oriented vessels.

The result is a visually striking and technically advanced helm panel that enhances both aesthetics and functionality.

TECHNICAL DETAILS

- **Material:** 5mm Acrylic, Carbon Fiber
- **Labeling:** Laser-engraved
- **Protection Class:** IP65
- **Switches:** Stainless steel push buttons (19 mm)
- **Electrical System:** 12V / 24V DC compatible
- **Interfaces:** for existing gauges
- **Mounting:** Front-mounted,
- **Wiring:** none



PROJECT

Refit Control Panels for Main Switch and Anchor Windlass (Sport Boat)

DESCRIPTION

Design and production of custom control panels as part of a refit project for a small sport boat, including a dedicated panel for the main power switch and an additional control unit for the anchor windlass.

The objective was to modernize the helm area while improving functionality and usability through clearly structured and purpose-built interfaces.

Both panels were designed to integrate seamlessly into the existing layout, ensuring a clean installation without major modifications.

The main switch panel provides a clearly defined and easily accessible power control, while the separate windlass panel enables safe and intuitive operation with dedicated up/down controls.

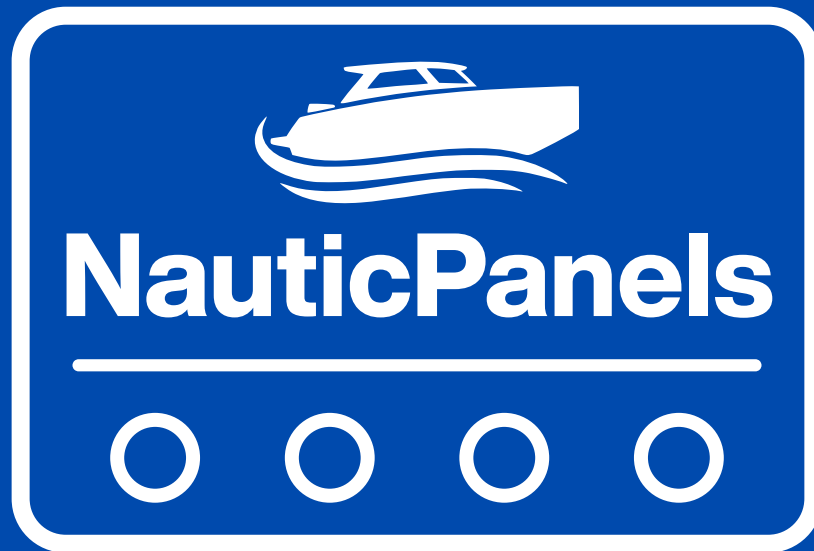
High-quality materials, precise engraving, and a clean design contribute to improved readability and a modern, premium appearance.

The result is a compact, user-friendly upgrade that enhances both functionality and visual quality of the helm.

TECHNICAL DETAILS

- **Material:** 5mm Acrylic
- **Labeling:** Laser-engraved
- **Protection Class:** IP65
- **Switches:** Stainless steel push buttons (19 mm)
- **Electrical System:** 12V / 24V DC
- **Interfaces:** for existing switches
- **Mounting:** Front-mounted
- **Wiring:** prewired for Anchor Winch





CUSTOM MARINE ELECTRICAL COMPONENTS

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