

BYOP

BUILD YOUR OWN PANEL

BY CRUZO

Cruzo

Where Elegance Meets Superior Functionality

The groundbreaking glass control panel, powered by unique touch technology, redefines the helm of any yacht by introducing a modern look and feel while providing outstanding functionality, durability, and style. With a range of stylish options, including a sleek glass front in different sizes and customizable backlighting in different colors, Cruzo sets a new standard in marine control systems.





KEY CHARACTERISTICS



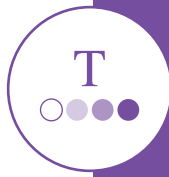
Nautical Elegance

Blending striking touch technology with an elegant glass front to create a control panel that is both visually striking and highly efficient.



Multiple Panel Sizes

The panel can be configured in multiple sizes, all in multiples of a 2x1 base module. Panels can be oriented both horizontally and vertically.



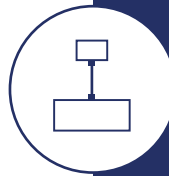
Key Color and Text

The panel keys are fully customizable. You can choose the key color (white, red, green, or blue) and specify the text and icon for each key.



Multi-Function Key

All keys on the panel can operate as continuous (on until press released), on/off, or momentary (for 5 seconds), regardless of their position on the panel. You, the customer, tell us how you want your panel to operate.



NMEA 2000 Connection

The panel uses the NMEA 2000 (IEC 61162-3) standard, a plug-and-play communications standard for connecting marine sensors and display units on boats.



Redundancy

The panels have a built-in backup system. If the main NMEA 2000 channel malfunctions, the panel will send PGN commands through a secondary NMEA connector.



KEY CHARACTERISTICS



Optional App

Using Bluetooth technology, our panels can be controlled by a state-of-the-art App: Exactly as if you are standing right in front of the Cruzo panel.



Easy Installation (Retrofit)

Offers easy retrofit installation, ensuring seamless compatibility with your existing marine control setup. Upgrade with ease and no disruptions.



Enhanced Touch Activation

Effortlessly operate the panel with your bare hands or while wearing gloves, ensuring smooth and hassle-free control in any situation.



Self-Diagnostic Peace of Mind

Features self-diagnostic capabilities, conducting automatic checks during startup and continuous monitoring of critical functions.



Robust IP67 Rating

Engineered to withstand the harsh marine environment, ensuring complete protection of the panel and buzzer against dust and powerful jets of water.



Tempered Glass Durability

Provides exceptional durability, resistance against scratches, impact, and UV radiation.



Connectivity

The Cruzo Panel offers an unparalleled level of connectivity designed to enhance the functionality and efficiency of your boat's operational systems. By leveraging NMEA 2000 PGN (Parameter Group Numbers), it ensures seamless and standardized communication between various marine electronics, promoting interoperability and reducing the complexity of network integration.

Additionally, the panel provides direct connection capabilities to the Cruzo Relay Pack via a standard NMEA 2000 Connector, allowing for effortless control and monitoring of multiple devices and systems on board.

For even greater flexibility, it supports dry contact connections, making it compatible with virtually any other existing method on your vessel. This versatile connectivity ensures that the Cruzo Panel can integrate smoothly with your boat's existing setup, optimizing performance and reliability across all your marine operations.



Electrical Data

| | |
|-------------------------|-------------------------|
| Input Voltage | 12-14V DC |
| Operating Input Current | 1A max. |
| Illuminated Surface | White, Red, Green, Blue |
| Buzzer Notification | 85dB |

Mechanical Data

| | |
|---------------------|--------------------------------------|
| Housing Material | Aluminum 6061 T651 |
| Front | Tempered Glass |
| Actuation Force | 2-7 N |
| NMEA 2000 Connector | NMEA 2000 Series M12 5 Position Male |
| Housing Finish | Black |

Environmental Data

| | |
|-----------------------|----------------|
| Operating Temperature | -15°C to +55°C |
| Storage Temperature | -40°C to +60°C |
| IP Rating | IP67 |

*The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Users should evaluate the suitability and test each product selected for their own applications.