



Y⁶⁷PLATE

MARINE KEYBOARDS FOR EXTERNAL AREAS IP67



This installation manual has been written by the manufacturer and it is considered integrating part of this product.

The information included are intended for the expert technicians who execute the installation and the extraordinary maintenance of the product.

The expert technicians must have specific competences and particular abilities in order to carry out correctly and safely their work.

The constant observance of the information included in this manual guarantees safety of men, energy serving and a longer duration of product operative-life.

In order to avoid wrong handling and the consequent risk of accidents, it is important to read this manual carefully, keeping scrupulously to guidelines according to the supplied information.

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CONFORMITY DECLARATION

All the devices of the YACHTICA® system are designed in order to comply the directive **EN 60945 Maritime navigation and radiocommunication equipment and system**.

All the devices of the YACHTICA® system are tested and found to comply with the specification of the CE marking.



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DESCRIPTION

The series of marine YPlate® IP67 pushbutton panels is conceived as a conjunction between modern electrical systems and the growing needs of design, size and technology on board and is the winning combination between aesthetics, reliability and ease of installation for everything related to the outside by Yacht. Equipped with stainless steel body, they are available, both in horizontal and vertical version, with standard finishes, different customizations and various layouts up to 8 keys, with status LEDs.

The plate has been designed for the control, through dry contacts, not only of the external lights, but also for the control of movements such as walkways, hatches, lifts, etc. The fixing is done by stainless steel screws, directly on the bulkhead.

The control electronics are completely immersed in the silicone, making the plate IP67 rated.

On each button there is a blue feedback LED, which can be illuminated independently

FEATURES

8 Dry contact pushbuttons

The YPLATE IP67 provides up to a maximum of 8 clean contacts, which can be acquired from any system that requires their use.

8 Feedback LEDs

Each button has a feedback/status LEDs. In operation with SPD 808X, feedback LEDs can be managed through the YACHTICA® Cabot software, by appropriately programming the SPD 808X module. In the case of operation with an external system, it will be the programming of the latter that will decide whether to switch it on.

IP67

The control electronics are completely immersed in the silicone, making the IP67 plate.

TECHNICAL SPECIFICATIONS

SPECIFICATION	DETAILS
Electronic power supply	- Feedback @24V _{DC} /AC o @12V _{DC} /AC -If no feedback is required, no power is needed.
Electronic requirements	0,6W (20mA @24V _{DC} , 40mA @12V _{DC})
Working temperature	-25°/+80° C (-13°/176° F)
Storage temperature	-25°/+80° C (-13°/+176° F)
Humidity	15%/90% non condensing
IP Protection	IP67
Dimensions (LxAxP)	150x95x5 mm
Weight	315 g



MODULE DESCRIPTION



INSTALLATION

Important notes

The following information are intended for the expert technicians who execute the installation and the extraordinary maintenance of the product. The installation and the maintenance of the module must be executed by qualified technicians, respecting the Norm of the installation country.

The expert technicians must have specific competences and particular abilities in order to carry out correctly and safely their work.

The constant observance of the information included in this manual guarantees safety of men, energy saving and a longer duration of product operative-life. Keep this manual and notes included.

In order to avoid wrong handling and the consequent risk of accidents, it is important to read this manual carefully, keeping scrupulously to guidelines according to the supplied information.

Electrical tension may cause shock and severe burns. Be sure to turn off the electrical supply before carrying out any type of work on the connectors. Omission of observation of these safety measures may cause death or severe lesions to people as well as great material damages.

Before preceeding with the use of the modules, make sure that electric installation, carried out by a qualified technician in conformity with the Technical Norms, corresponding to the class of homologation of the electrical system, is provided with the devices prescribed for the protection against direct and indirect contacts and electrical surcharges.

The modules of the YACHTICA® must be exclusively used in connection with other modules and external components which are conformed to the Norms comparative to the product.

Do not use the module if, upon visual inspection, it shows deterioration of the enclosing box or if the screening wraps of the feeding cables show any wear and tear or damage.

The YACHTICA® system may not be used to carry out safety and accident prevention functions since it does not have the redundancy requirements lawfully requested.

The installer must verify the correct installation and operation of the product.
It is prohibited to use the product for improper purposes or purposes different from those provided

V.Y.C. Srl shall not be held liable for any damage of any sort or kind in case of module used or installed incorrectly.

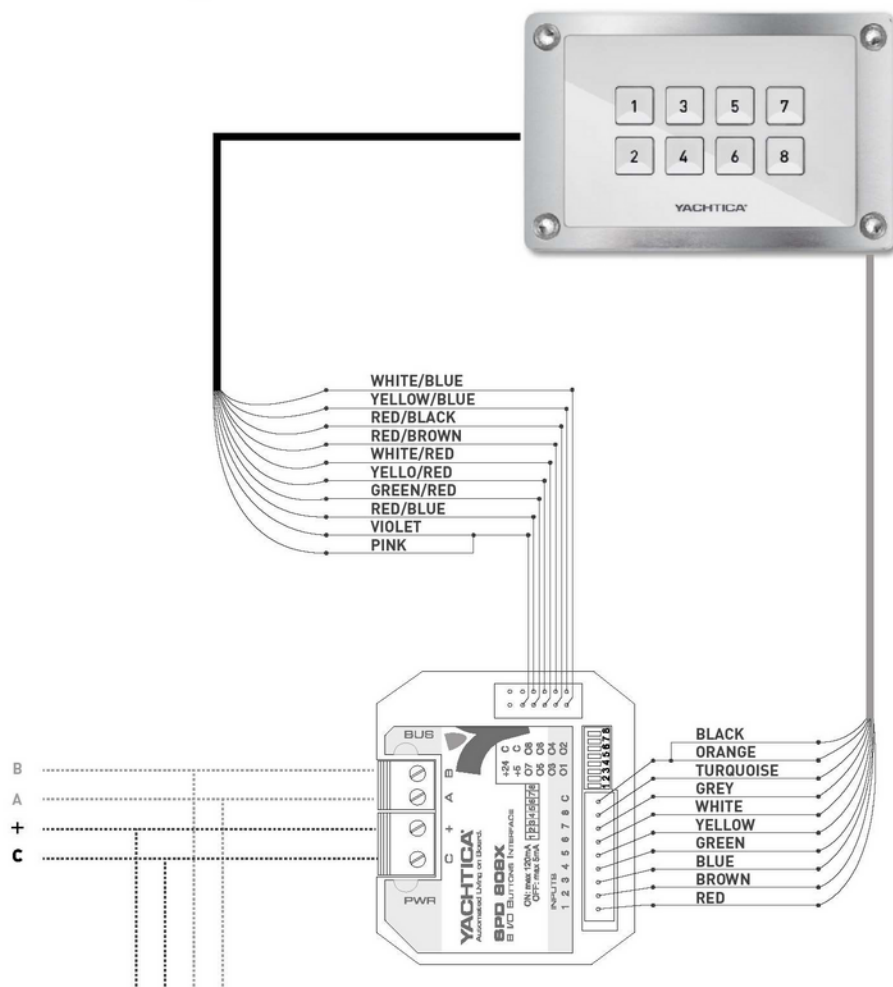
It is prohibited to tamper or to modify the product.



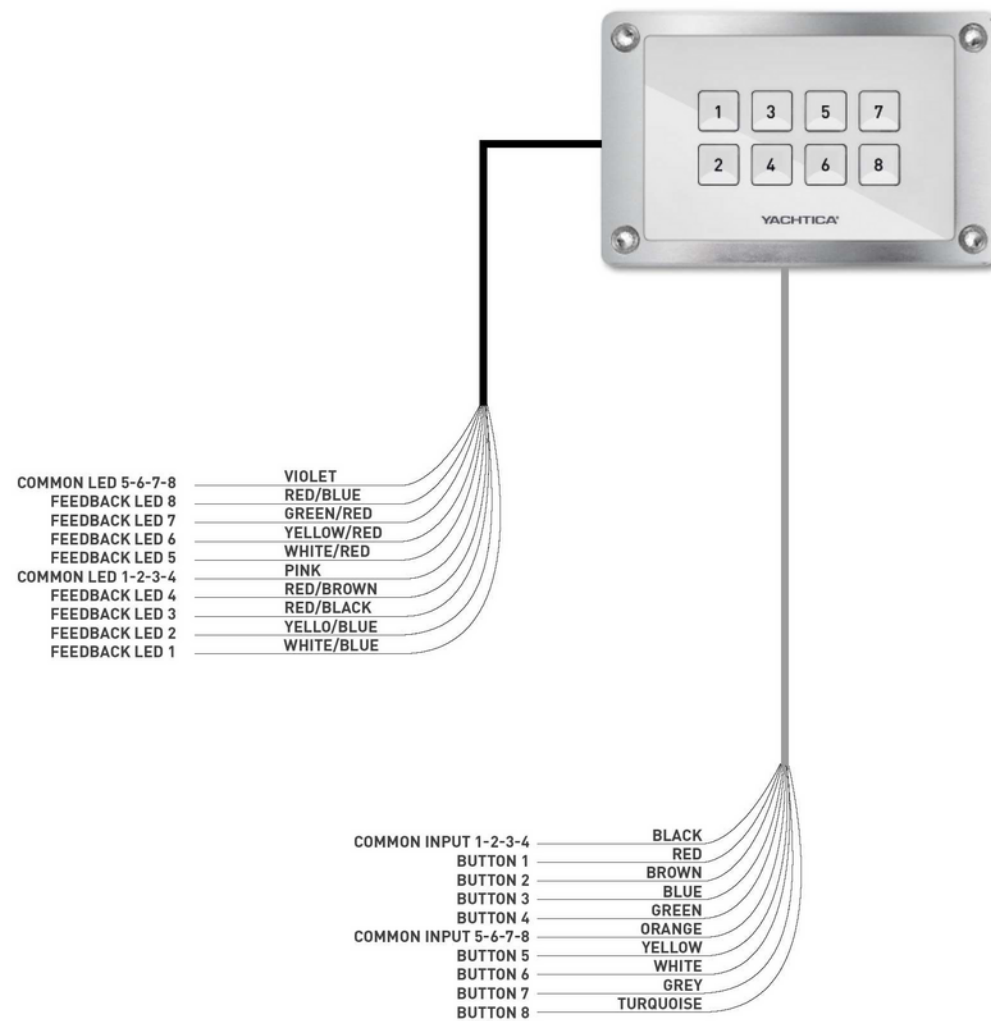
WIRING DIAGRAMS

Below is a series of connection diagrams that can be used with the YPLATE.

SCHEME 1: Wiring with SPD 808X



SCHEME 2: Standard wiring





PROBLEM SOLVING

PROBLEMA	POSSIBILI CAUSE	POSSIBILI SOLUZIONI
Buttons do not work	Wiring issue	Check the wiring of the inputs on the system being piloted, based on the relative colors.
Feedback LEDs do not work	Wiring issue	Check that the LEDs feedback wiring is correctly done according to the specifications shown in this manual.

REPAIR AND WARRANTY POLICIES

Merchandise returns

No V.Y.C. Srl merchandise may be returned for credit, exchange or service without prior authorization from V.Y.C. Srl. To obtain warranty service for V.Y.C. Srl products, contact V.Y.C. Srl or an authorized dealer. Request for an RMA (Return Merchandise Authorization) and fill it in properly all the fields, before returning the module. Shipments arriving freight collect or without RMA number shall be subject to refusal.

Return freight charges following repair of items under warranty shall be paid by V.Y.C. Srl, shipping by standard ground carrier. In the event repairs are found to be non-warranty, return freight costs shall be paid by the purchaser. V.Y.C. Srl will provide repairing costs in case the merchandise is not under warranty.

V.Y.C. Srl limited warranty

V.Y.C. Srl warrants YACHTICA® products to be free from manufacturing defects in materials and workmanship under normal use for a period of 2 years from the date of purchase.

This warranty extends to products purchased directly from V.Y.C. Srl or an authorized YACHTICA® dealer.

V.Y.C. Srl shall not be liable to honor the terms of warranty if the product has been used in any application other than that for which it was intended or if it has been subject to misuse, accidental damage, modification or improper installation procedures

Furthermore, this warranty does not cover any products that has had the warranty void label altered, defaced or removed.

V.Y.C. Srl shall, at its option, repair or replace any product found defective, without charge for parts or labor. Repaired or replaced equipment and parts supplied under this warranty shall be covered only by the unexpired portion of the warranty.

Except as expressly set forth in this warranty, V.Y.C. Srl makes no other warranties, expressed or implied, nor authorizes any other party to offer any warranty, including any implied warranties of merchantability or fitness for a particular purpose. Any implied warranties that may be imposed by law are limited to the terms of this limited warranty.

This warranty statement supersedes all previous warranties.



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