SuperSail
Marine Alarm

**Installation Manual
4-Device-Control Box**

Getting started

Congratulation with your new SuperSail product. We hope that you will be satisfied with the product. We are always available to give support in case you need it.

You can contact us at: support@super-sail.dk

Regards,

SuperSail Support Team

Please read the whole installation manual before starting the installation.

Unpacking

Before you start using the unit you must ensure that the package has not been broken during transport and that the product is complete and without any visible sign of damage. If this is not the case please contact SuperSail before using the product.

The 4-Device-Control box consists of:

- Relay box
- Cable for connecting it to the alarm system via the SuperSail Connection Box

The 4-Device-Control box is power supplied with 12V or 24V from the Connection Box and no additional power is needed.

The 4-Device-Control box is available in both 12V and 24V versions – make sure that you have ordered the right version – if in doubt, please contact us.
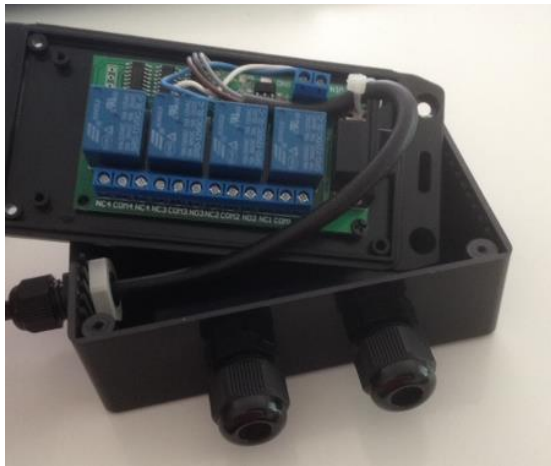
Installation

The 4-Device-Control Box can be mounted by use of screws or two-sided tape.

The 4-Device-Control Box is connected via the SuperSail Connection Box as described below. It extends the Alarm system with 4 additional remote controlled relay outputs, which can be controlled from the SuperSail app and from the remote control.

Connecting via the SuperSail Connection Box

The 4-Device-Control box is connected to the terminals in the Connection Box as shown in the table below.

Wire color 4-Device-Control Box	Terminal number SuperSail Connection Box	Wire color SuperSail Connection Box	Description
Gray	1	Gray	Signal GND
Black or orange	2	Orange	RS232 - TxD
Brown	3	Yellow	RS232 - RxD
Blue	9	Black	Power Supply GND
White	10	Red	Power Supply +12V/24V

Testing the 4-Device-Control Box

Connect the 4-Device-Control Box as described above and connect power to the SuperSail Connection Box.

Open the 4-Device-Control Box by removing the 2 screws at the bottom (see picture above).

Verify that the red diode by the Power terminal is turned on (where blue and white wires are connected).

Activate the 4 outputs one at a time and verify that the small red diodes next to each relay turns on.

Turn off the 4 outputs one at a time and verify the small red diodes next to each relay turns off.

Fault search:

- The red diode at the Power terminal is not turned on.
  - o Verify 12V at the Power terminal
- The red diodes next to the relays are not turned on when the outputs are activated from the app.
  - o Verify 12V at the Power terminal

- o Verify that the app is connected to the right Alarm ID

If it still doesn't work, please contact SuperSail Support: support@super-sail.dk

Connect External Units to the 4-Device-Control Box

Connection of external units to the relay outputs are shown below:

Output in app	Terminal ID on board	Description
Output #3	COM1	Connect 12/24V which will be switched on/off through the relay
	NO1	Output which is disconnected from COM1 when the output is not activated in the app.
	NC1	Output which is connected to COM1 when the output is activated in the app.
Output #4	COM2	Connect 12/24V which will be switched on/off through the relay
	NO2	Output which is disconnected from COM2 when the output is not activated in the app.
	NC2	Output which is connected to COM2 when the output is activated in the app.
Output #5	COM3	Connect 12/24V which will be switched on/off through the relay
	NO3	Output which is disconnected from COM3 when the output is not activated in the app.
	NC3	Output which is connected to COM3 when the output is activated in the app.
Output #6	COM4	Connect 12/24V which will be switched on/off through the relay
	NO4	Output which is disconnected from COM4 when the output is not activated in the app.
	NC4	Output which is connected to COM4 when the output is activated in the app.

Maintenance

The 4-Device-Control box is maintenance free. Repairs should be carried out at an authorized service center.

Cleaning can be carried out with a soft cloth wrenched in lukewarm water.

Cleaning detergent containing solvent can harm the unit.

Technical Specifications

Connection cable:	1 meter, black/dark grey with 5 wires
Power Supply:	12V or 24V supply via the SuperSail Connection Box
Relay outputs:	10A by 30VDC
Activation:	Via SuperSail app or via Remote Control (Output 5/6)
Protection:	IP54
Cabinet:	ABS
Color:	Sort
Size:	145 x 67 x 42 mm (BxDxH)
Weight:	260g

Changes may apply.

Safe Disposal

Should not be disposed as domestic waste.

Electronic equipment should be disposed according to the local regulations for electronic and electronically equipment.

Activating the Relay outputs

When the 4-Device-Control box is installed correct and tested, the outputs can be activated from the SuperSail app. The control for this is available in the Output Settings menu in the app.

Further output 5 and 6 can be controlled by the Remote Control.

Output #5 can be activated from button 3 on the Remote Control. Long press (2 sec.) turns the output on, and short press (½ sec.) turns the output off.

Output #6 can be activated from button 4 on the Remote Control. Long press (2 sec.) turns the output on, and short press (½ sec.) turns the output off.