SuperSail
Marine Alarm

Installation Manual
Wireless
Water Sensor
Mrk. 2

Getting started

Congratulation with your new SuperSail product. We hope that you will be satisfied with the product and 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 packaging has not been broken or have been injured during transport and that the product is complete and without any visible sign of damage or strained. If this is not the case please contact SuperSail before using the product.

The wireless water sensor measure via 2 electrodes if water or humidity is present where it is installed.

The water sensor is battery driven and can be placed wherever you want to ensure to be warned if water is detected.

Mounting

The black sensor is connected to the wireless transmitter unit via a 3-meter cable.

The sensor must be installed in a way that ensures that the 2 electrodes will be wet if water is coming in. The grey transmitter unit can be placed in a dry place where wireless signals can reach the SuperSail Alarm Unit.

If the black sensor is placed in the keel or under the floor, it is recommended to places it a few centimeters above lowest point, to allow for a small amount of humidity.

The black sensor must be installed using screws, Velcro or double-sided adhesive tape.

The grey transmitter unit must be installed using screws, Velcro, or double-sided adhesive tape, and it must be possible to open the lid to exchange batteries once a year.

Installation of batteries

Remove the Control unit from the holder, by pushing the lock mechanism in and carefully pulling the Control unit upwards.
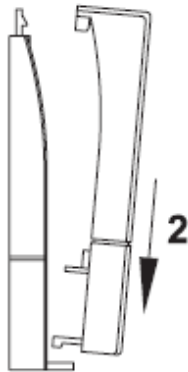
Install the 2 included LR44 button cell batteries in the Control unit, as shown at the unit. The batteries are maintained by the spring in the unit.

Notice that the LED on the Control unit is blinking when the batteries are installed correct (see section "After installation of Batteries"). Fasten the Control unit in the bracket again.

Used batteries should not be disposed a domestic waste.

Batteries should be disposed according to the local regulations for batteries

If no reaction is seen in the LED or if the blinking code for battery low is shown, the batteries must be exchanged to new of the type LR44, as described above.

Verify that the batteries are installed and aligned correct.

After installation of Batteries

After installing new batteries, the Control unit will run a self-test. This will normally be finished after approx. 2 seconds.

Faultless execution of the self-test is indicated by blink with the LED: red, green and orange each turned on for 0.5 second.

If an error is discovered by the self-test, this will be indicated by blink with the red light.

| 1 long blink, 2 short blink, pause (repeated 2 times) | Battery level low Exchange the batteries |
| 1 long blink, 1 short blink, pause (repeated constantly) | Sensor defect Exchange the unit |

Even that the battery level is low and if the battery level allows for it, the water sensor will remain active and report status to the Alarm system.

If the water sensor is not able to send status due to low battery level, the error code will be shown again by the LED.

Testing the Water Sensor

When the water sensor is installed and activated in the alarm system, the function of the water sensor must be tested.

Put the black sensor into water. When the water sensor register water, the LED in the transmitter unit is turned on shortly.

Within a minute (depending on the transmission time for the text message in the mobile network) you will receive an alarm text, indicating alarm from the water sensor.

Remove the black sensor from water. When the water sensor register that it is dry, the LED in the transmitter unit is turned on shortly.

Within a minute (depending on the transmission time for the text message in the mobile network) you will receive an alarm text, indicating alarm from the water sensor if canceled.

Fault search:

- The yellow light is not turned on when the sensor is wet
  Remove the batteries and re-insert them – verify that they are aligned correctly.
  Self-test as described above under "After Installation of Batteries", will verify if there are any faults on the water sensor.

- Light is turned on, but SMS text is not received.
  Verify if the water sensor is activated correctly in the Alarm system, as described below under "Activation in the Alarm system"
  Verify that the water sensor ID is keyed in correctly.

Reset to Factory settings

If the water sensor for some reason does not function and the batteries have been changed without solving the problem, reset to Factory settings can be a solution to fix the problem.
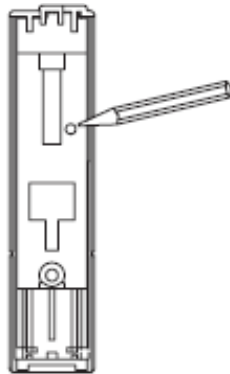
Press and hold the button for 5 seconds, until the LED starts blinking slowly with red light (use a tip pen).

Release the button and push shortly again after 1 second. The LED will stop blinking red.

The water sensor is reset to Factory settings.

Maintenance

The water sensor 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

|	
Radio frequency:	868.3 MHz
Typical outdoor range:	100 m
Power:	2 x button cell batteries LR44
Battery lifetime:	approx. 2 years (we recommend yearly exchange)
Protection:	IP20
Cabinet:	ABS
Color:	White
Size:	77x17x16 mm (HxBxD)
Weight:	28g (Control unit, magnet, ex. batteries)

Changes may apply.

Safe Disposal

Should not be disposed a domestic waste.

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

Activation in the Alarm system

After installation and test, the water sensor must be activated in the Alarm system.

This is performed via the SuperSail app, where the water sensor is activated via the Alarm menu.
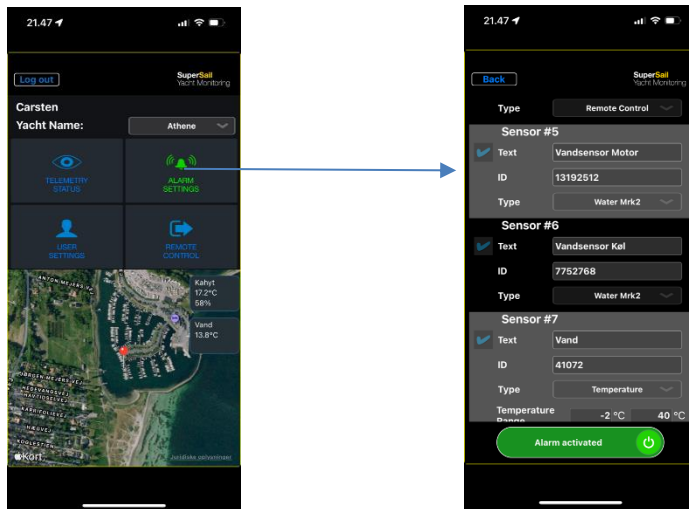
In the above example we have activated a water sensor as sensor #5 and #6 – several water sensors can be connected, and all wireless sensor fields can be used.

In the "Text" field you write a short text that identifies the actual water sensor. This text will be included in the SMS text message if an alarm is detected.

In the "ID" field, you must enter the ID of the sensor, which is written on the sensor box. This ID is unique for each water sensor.

In the "Type" field must be selected "Water Mrk. 2", that specifies the connected water sensor to be of this type.

Finally, the sensor is activated by ticking the field next to the "Text" filed. This activates the sensor in the Alarm system.

Alarms from the water sensor will always be sent, even that the Alarm is not turned on. If the water sensor for some reason must de deactivated, this is done by removing the tick-box next to the "text field".