

INSTALLATION and USER MANUAL

YachtProtect

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Revision History:

Version	Changed compared to previous version:
1.0	Initial document
1.1	Implementation of hotkey on Smartphone

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1 Introduction

This document describes the installation and operational use of a YachtProtect device. With a YachtProtect device it is possible to monitor the most critical parameters of your yacht. The YachtProtect device monitors continue the most critical parameters and will update the YachtProtect.eu website several times a day.

In case of an alarm situation or a warning situation (configurable by user), the following actions will be immediately executed:

- Push message to your Smartphone (via Catapush Messenger);
- Send E-mail to your E-mail address;
- Update the YachtProtect.eu website.

The following critical parameters of your yacht will be monitored:

- Battery voltage;
- Auxiliary input – optional, NC contact;
- Liquid level in bilge - compartment 1;
- Liquid level in bilge - compartment 2;
- Gas / smoke detection (Propane and Butane) on the location of the YachtProtect device;
- Temperature on the location of the YachtProtect device.

1.1 YachtProtect device

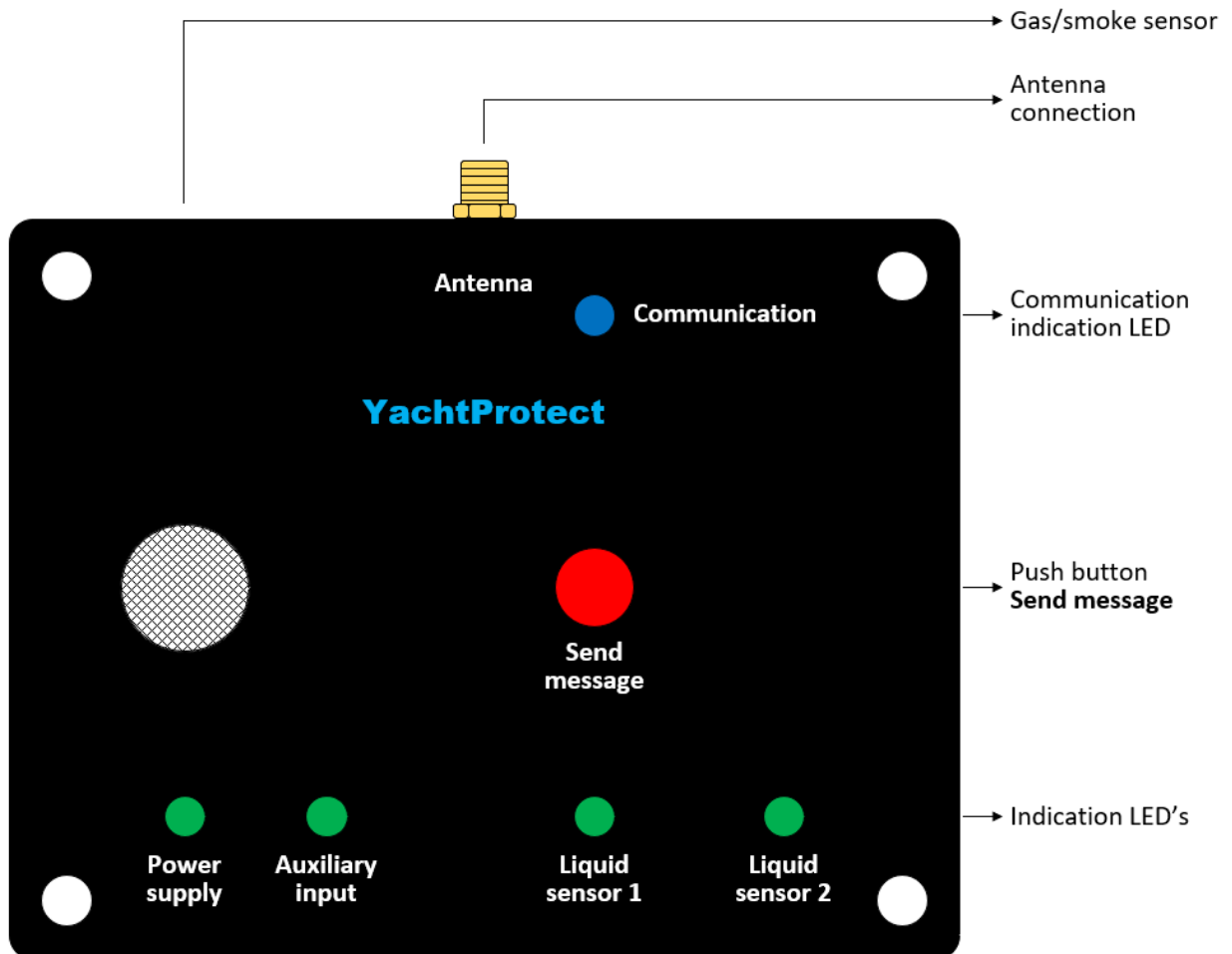


Figure 1.1.1: Front view of YachtProtect device.

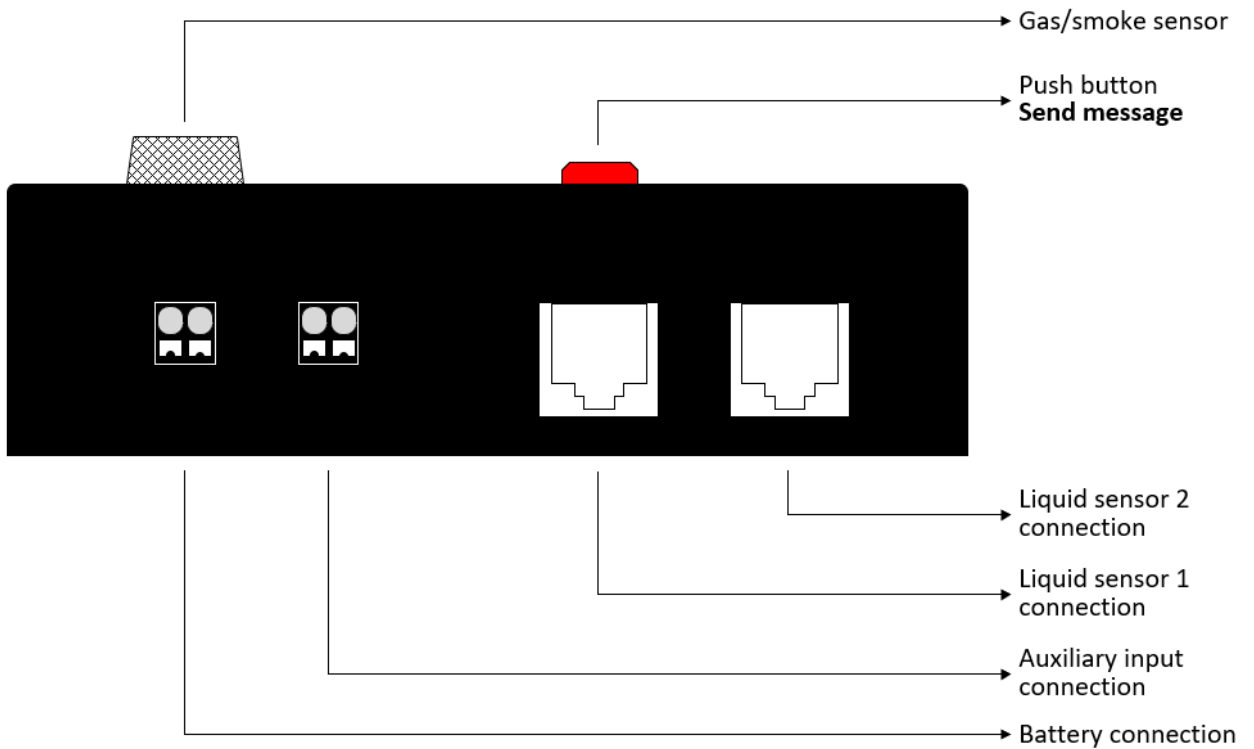


Figure 1.1.2: Rear view of YachtProtect device.

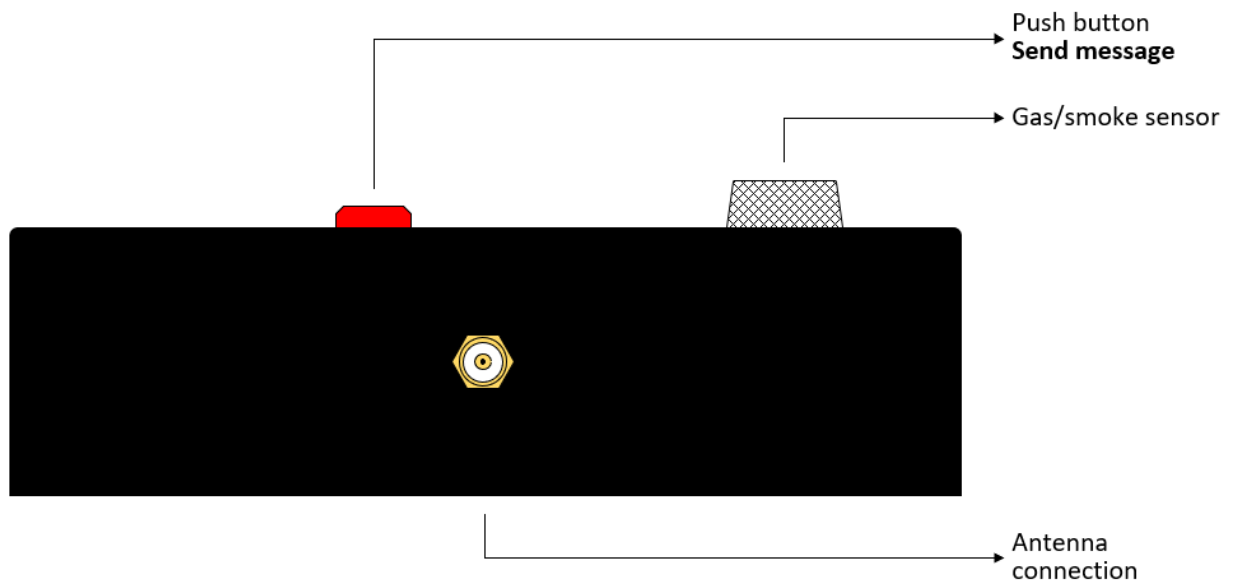


Figure 1.1.3: Back view of YachtProtect device.

1.2 Applicability for countries

This User and Installation manual is applicable for:

- Netherlands;
- Germany;
- Belgium.

2 Safety Notes

2.1 General safety warnings



- 2.1.1 Read all these instructions before attempting to operate the YachtProtect device and save these instructions.
- 2.1.2 Environment safety:
- Keep work area clean and well lit.
- 2.1.3 Electrical safety:
- Connectors must fit. Don't modify a connector;
 - Do not abuse the battery power cable. Never use the battery power cable for carrying or pulling the YachtProtect device. Keep battery power cable away from heat, oil, sharp edges and moving parts.
- 2.1.4 Personal safety:
- Stay alert, watch what you are doing and use common sense when operating the YachtProtect device.
- 2.1.5 Service:
- Have the YachtProtect serviced by qualified personnel, using only identical replacement parts.

2.2 Symbols



- 2.2.1 Attention



- 2.2.2 Strictly forbidden



- 2.2.3 Warning



- 2.2.4 Delivery scope



- 2.2.5 Additional information



- 2.2.6 Environmental-friendly recycling

2.3 Safety Warnings for YachtProtect device

- 2.3.1 Battery supply must be equipped with a fuse of maximal 1A.



- 2.3.2 YachtProtect device may be opened by qualified personnel only.

3 Technical data

3.1 Absolute maximum ratings

- 3.1.1 Ambient temperature in operating mode of YachtProtect device:
- Minimal: -20°C;
 - Maximal: 65°C.
- 3.1.2 Storage temperature of YachtProtect device:
- Minimal: -20°C;
 - Maximal: 65°C.
- 3.1.3 Power voltage:
- Minimal: 8 Vdc;
 - Maximal: 40 Vdc.

3.1.4 Humidity: maximal 90%, non-condensing.

3.2 Specifications

3.2.1 Article numbers:

• YachtProtect device (magnets):	21003YP-MAG-1.0
• YachtProtect device (glue):	21003YP-GLUE-1.0
• Liquid sensor - cable length: 2,5 meter (magnet):	21003LS-MAG-2.5-1.0
• Liquid sensor - cable length: 7,5 meter (magnet):	21003LS-MAG-7.5-1.0
• Liquid sensor - cable length: 2,5 meter (glue):	21003LS-GLUE-2.5-1.0
• Liquid sensor - cable length: 7,5 meter (glue):	21003LS-GLUE-7.5-1.0
• Power supply cable - cable length: 2 meter:	21003PS-2.0-1.0
• Antenna:	21003AN-1.0
• Antenna with cable length: 3 meter:	21003EC-3.0-1.0

3.2.2 Rated power input: **maximal 3 Watt**

3.2.3 Weight YachtProtect device, according to EPTA-Procedure 01:2014: **0.220 kg**

3.2.4 IP protection class: **IP33**

3.2.5 Dimensions (B x H x L) YachtProtect device: 121 mm x 94 mm x 34 mm
Dimensions (diameter x L) Liquid sensor: 20 mm x 235 mm

4 Declaration of Conformity

We declare under our sole responsibility that the product described under 'Technical Data' is in conformity with all relevant provisions of the directives 2011/65/EU, 2014/30/EU, 2006/42/EC including their amendments and complies with the following standards: EN 61029-1, EN 61029-2-1, EN 50581.

Technical file at: TotalProtect BV, Dongen, The Netherlands

Erik Martens
Director TotalProtect BV



17 February 2022, TotalProtect BV, Dongen, The Netherlands

5 Installation

5.1 Delivery scope



5.1.1 Before starting the operation of the YachtProtect device for the first time, check if all parts listed below (5.1.2) have been supplied.



5.1.2 Delivery scope:

- YachtProtect device. YachtProtect device must equipped with a label (backside of enclosure):
 - Label is provided with Device ID;
- Liquid sensor(s);
- Power supply cable;
- Antenna;
- User and Installation manual.



Check the YachtProtect device for possible damage. Damaged parts must be immediately replaced by qualified personnel.

5.2 Initial installation

- 5.2.1 Place YachtProtect device on a metal surface. The magnets inside the YachtProtect device will keep the YachtProtect device on its place.
In case no metal surface is available (e.g., a polyester yacht), the YachtProtect device can be glued on the surface (e.g. Sikaflex). A special YachtProtect device, for gluing is available.
- 5.2.2 Place Liquid sensors on the desired place in your yacht, on a metal surface. Each Liquid sensor is equipped with a magnet.
In case no metal surface is available (e.g., a polyester yacht), the Liquid sensor(s) can be glued on the surface (e.g. Sikaflex). Special Liquid sensors are available, for gluing.
- 5.2.3 Installation of cables:
- Connect Battery supply cable, see figure below:
 - Battery supply cable is red for +;
 - Battery supply cable is black for -;
 - Battery supply cable is fused with a 1A automotive fuse;
 - Connect battery supply cable, preferably, to the household group of your yacht.
 - Connect Auxiliary input cable (optional), see graph below:
 - Must be a Normally Closed (NC) contact;
 - When the Auxiliary input is not used, the Auxiliary input contacts must be shorted.



A standalone smoke detector, a heat detector, a CO₂ detector, etc. can be connected to the auxiliary input. This detectors must have an NC output.

- Connect Liquid sensor 1, see figure below:
 - Click Liquid sensor 1 into the RJ45 connector of the YachtProtect device;
 - Liquid sensor 1 can detect two liquid levels in the bilge of your yacht.
- Connect Liquid sensor 2 (optional), see figure below:
 - Click Liquid sensor 2 into the RJ45 connector of the YachtProtect device;
 - Liquid sensor 2 can detect two liquid levels in the bilge of your yacht.
- Connect antenna, see figure below:
 - Push antenna or antenna with cable into SMA connector of YachtProtect device;
 - Turn on SMA connector.

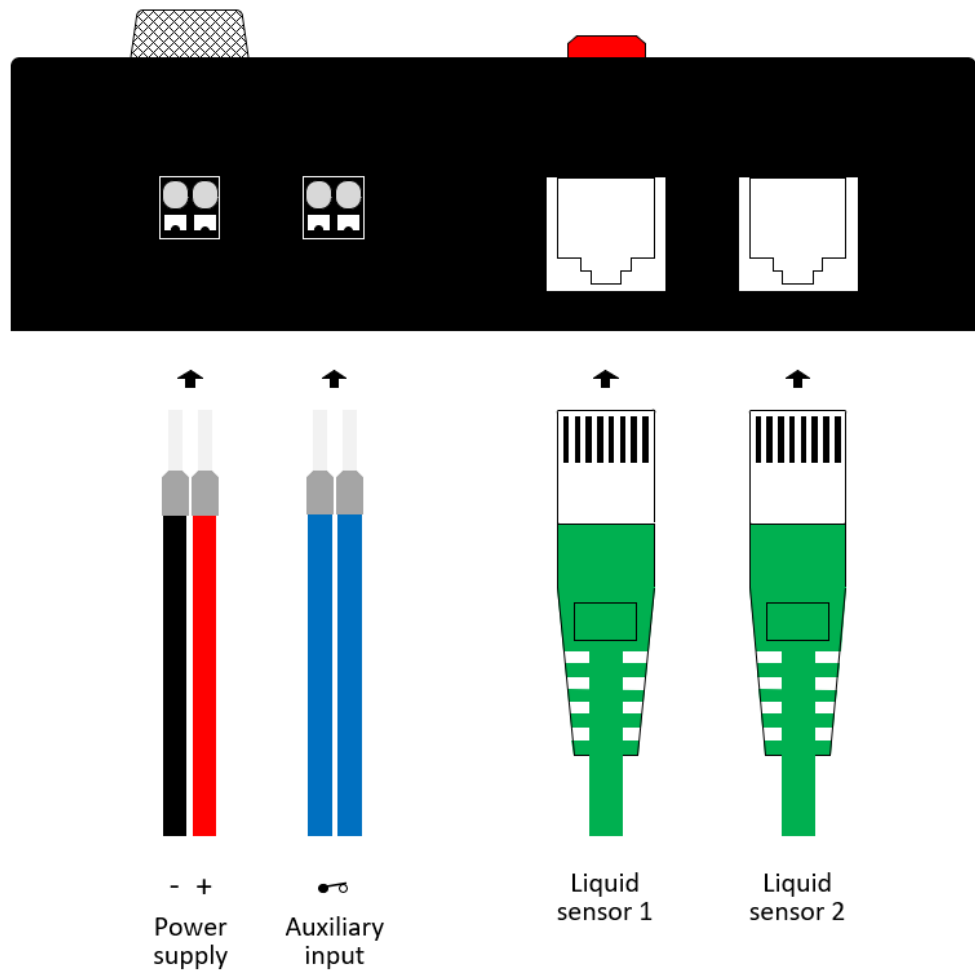


Figure 5.2.3.1: Installation of cables.

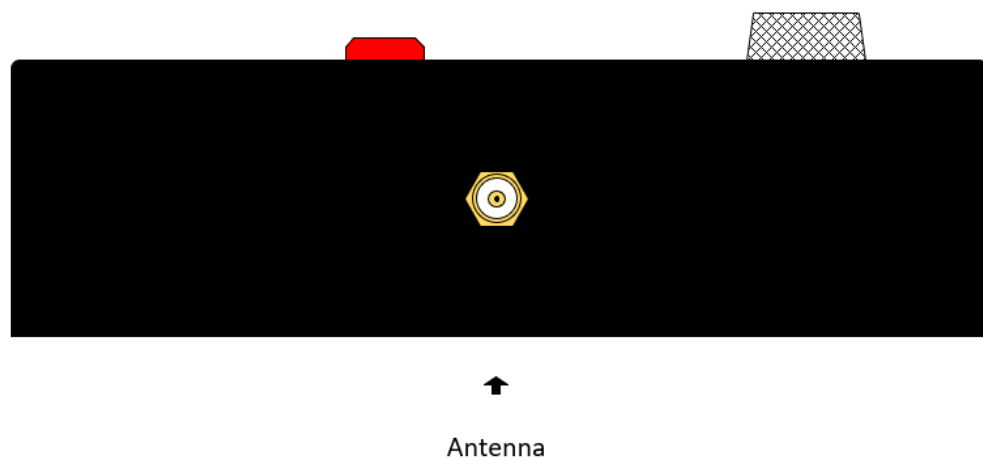


Figure 5.2.3.2: Installation of antenna.

5.3 Installation of Catapush Messenger on your Smartphone

5.3.1 Install Catapush Messenger on a regular way on your Smartphone.

- Installation and sign up with the same phone number as gave up to the yachtprotect.eu website.



Catapush Messenger:

- Is necessary to receive messages (Push messages) on your Smartphone;
- Is available and appropriate for Apple (iOS) and Android; (can be downloaded in Apple app store or Google play store);
- Is free of charge.

5.4 Operational use of YachtProtect device



- 5.4.1
- Connect battery supply to the YachtProtect device:
 - Observe the battery voltage! The voltage of the battery must be within the specifications of the YachtProtect device.
 - The YachtProtect device has an automatic detection regarding a 12Vdc battery voltage system or a 24Vdc battery voltage system.
- 5.4.2 Indicators on YachtProtect device:
- Power supply LED:
 - The **Power supply** LED will be green when there is no Battery voltage warning or Battery voltage alarm;
 - The **Power supply** LED will be blue when there is a Battery voltage warning;
 - The **Power supply** LED will be red when there is a Battery voltage alarm.
 - Auxiliary input LED:
 - The **Auxiliary input** LED will be green if the Auxiliary input is not activated (closed contact);
 - The **Auxiliary input** LED will be red if the Auxiliary input is activated (open contact).
 - Liquid sensor 1 LED:
 - **Liquid sensor 1** LED will be extinguished when Liquid sensor 1 is not connected or has a cabling fault;
 - **Liquid sensor 1** LED will be green when there is no liquid warning or liquid alarm (no liquid detected);
 - **Liquid sensor 1** LED will be blue when there is a liquid warning (liquid detected on warning level);
 - **Liquid sensor 1** LED will be red when there is a liquid warning or a liquid alarm (liquid detected on alarm level).
 - Liquid sensor 2 LED:
 - **Liquid sensor 2** LED will be extinguished when Liquid sensor 2 is not connected or has a cabling fault;
 - **Liquid sensor 2** LED will be green when there is no liquid warning or liquid alarm (no liquid detected);
 - **Liquid sensor 2** LED will be blue when there is a liquid warning (liquid detected on warning level);
 - **Liquid sensor 2** LED will be red when there is a liquid alarm (liquid detected on alarm level).
 - Communication LED:
 - **Communication** LED will be green at start up (approximately 60 seconds) - connect to last or another telecom provider;
 - **Communication** LED will be blinking green, when searching another telecom providers.
 - **Communication** LED will be blue, when communication is correct;
 - **Communication** LED will be blinking blue, when a test message has been sent;
 - **Communication** LED will be red, when the signal strength is too low.



Every country has its own telecom providers. In case the YachtProtect device is used in different countries, the most sufficient telecom provider will be automatically selected by the YachtProtect device.



When the signal strength is too low, no action is required. When the signal strength is sufficient, the YachtProtect device will automatically come into the correct communication mode (communication LED will be blue).

5.4.3 Test messages

- A test message will be send when pushing the **Send message** pushbutton, for approximately 1 second;
 - Sending test messages is possible after the initialisation time (power up) of the YachtProtect device. This initialisation time is approximately 60 seconds.
- After sending a test message, it is not possible send a test message again within 120 seconds.



Test messages can be send with an interval of minimal 120 seconds. This to avoid an overload of sending test messages.

5.4.4 Sending messages:

- The YachtProtect device will send immediately a message in the following occasions:
 - Battery voltage becomes under alarm level;
 - Battery voltage becomes above alarm level;
 - Battery voltage becomes under warning level:
 - Sending a message is configurable, see 6.5.3.
 - Battery voltage becomes above warning level:
 - Sending a message is configurable, see 6.5.3.
 - Gas / smoke value becomes above alarm level;
 - Gas / smoke value becomes above warning level:
 - Sending a message is configurable, see 6.5.3.
 - Temperature becomes under alarm level;
 - Temperature becomes above alarm level;
 - Temperature becomes under warning level:
 - Sending a message is configurable, see 6.5.3.
 - Temperature becomes above warning level:
 - Sending a message is configurable, see 6.5.3.
 - When auxiliary contact is activated.
 - When Liquid sensor 1 or Liquid sensor 2 has an alarm level;
 - When Liquid sensor 1 or Liquid sensor 2 has a warning level:
 - Sending a message is configurable, see 6.5.3.
 - Sending a test message.
- The YachtProtect device will send every 6 hours a status message to keep the information on the YachtProtect website up-to-date.

6 YachtProtect.eu website

6.1 Sign in on YachtProtect.eu website



Sign in is only possible with a valid Device ID. A Device ID is inseparably connected to a specific YachtProtect device and cannot be changed.

- 5.3.1
- Browse to **www.yachtprotect.eu**.
 - Home page appears.
 - Click button **Log in**.
 - Click text: Or sign in to create new account
 - Fill in:
 - E-mail address;
 - Phone number:
 - Format: CCNNNNNNNNNN
 - CC: Country number;
 - NNNNNNNNNN: Smartphone number (without leading 0).
 - Password:
 - Format:
 - Minimal 6 characters;
 - Minimal one number;
 - Minimal one special character.
 - Repeat password;
 - Question in case of forgotten your password;
 - Answer;
 - Yacht name:
 - This is optional. Can be later added in **Credentials** section.
 - Device ID:
 - Device ID can be found on back side of YachtProtect device



- Click **Next**.
- 5.3.2 Sign in fails when:
- Syntax of E-mail address is incorrect [error code: 0010];
 - Syntax of phone number is incorrect [error code: 0012];
 - Password does not meet requirements [error code: 0014];
 - Repeated password is not the same as the initial password [error code: 0016];
 - Device ID is already signed in [error code: 0018];
 - Device ID is unknown (not registered) [error code: 0020];
 - Syntax of Device ID is incorrect [error code: 0022].
- 5.3.3 When Sign in is successful:
- Home page appears.

6.2 Log in to access your YachtProtect account

- 6.2.1
 - Click button **Log in**;
 - Log in form appears;
 - Enter: E-mail;
 - Enter: Password;
 - Click button **LOG IN**.
- 6.2.2 Log in fails when:
 - Combination of E-mail and password is incorrect [error code: 0110].
- 6.2.3 When Log in is successful:
 - Dashboard window appears.
- 6.2.4 Click **Home**.
 - Home page appears (user is logged in).

6.3 View Dashboard of your YachtProtect devices

- 6.3.1 User must be logged in.
- 6.3.2
 - Click button **My device(s) ▼**;
 - Click in select box **Dashboard**;
 - Dashboard window appears.
- 6.3.3 Dashboard window contains (header):
 - Yacht name of selected Device ID;
 - Drop box **Device ID** of Device ID's to select.



It is possible to manage more than one YachtProtect device by one user.

- Button **Table size**:
 - With this button it is possible to toggle between full screen table or partial screen table.
- Drop box **Month**:
 - To select the month of the received messages from the selected YachtProtect device.
- Drop box **Year**:
 - To select the year of the received messages from the selected YachtProtect device.
- Uploaded photo of selected Device ID.
- 6.3.4 Dashboard window contains (table):
 - Column **Message**:
 - Sub column **Date**:
 - Date when message is received;
 - Date is UTC.
 - Sub column **Time**:
 - Time when message is received;
 - Time is UTC.
 - Column **Battery voltage**:
 - Sub column **Status** has several icons to shown the battery voltage:



Battery voltage low alarm level.



Battery voltage low warning level.



Battery voltage is correct.



Battery voltage high warning level.

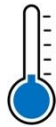


Battery voltage high alarm level.

– Sub column **Vdc** shows the measured Battery voltage.

• Column **Temperature**:

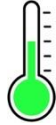
– Sub column **Status** has several icons to shown the temperature:



Temperature low alarm level.



Temperature low warning level.



Temperature is within its limits.



Temperature high warning level.



Temperature low alarm level.

– Sub column **°C** shows the measured Temperature.

• Column **Gas / Smoke - Status** has several icons to shown the Gas / Smoke status:



Gas / Smoke concentration is within its limits.



Gas / Smoke concentration warning level.



Gas / Smoke concentration alarm level.

• Column **Auxiliary input** has several icons to shown the auxiliary input status:

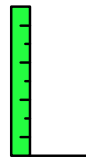


Auxiliary input not activated

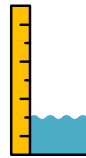


Auxiliary input activated

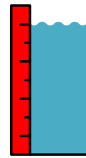
• Column **Liquid Sensor 1** and column **Liquid Sensor 2** has several icons to shown the liquid level of these Liquid sensors:



Liquid sensor has no liquid detected.



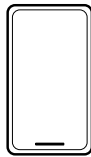
Liquid sensor has liquid detected - warning level.



Liquid sensor has liquid detected - alarm level.

- Column **Message** has several icons to show the succession of the received message from the YachtProtect device:

None No action.



A Push message is immediately send to your Smartphone.



An E-mail is immediately send to your E-mail address.

6.4 Change credentials

6.4.1 User must be logged in.

- 6.4.2
- Click button **My device(s) ▼**;
 - Select box appears;
 - Click in select box **Credentials**;
 - Credentials window appears.

6.4.3 Credentials window contains:

- User credentials, which can be changed:
 - Change E-mail:
 - Enter: new E-mail address;
 - Click **Save** to store the changed E-mail address or click **Cancel** to ignore the change;
 - Change of E-mail address is not successful when:
 - Format of E-mail address is not correct [error code: 0210].
 - Change phone number;
 - Enter: new telephone number;
 - Click **Save** to store the changed telephone number or click **Cancel** to ignore the change;
 - Change of telephone number is not successful when:
 - Format of telephone number is not correct [error code: 0220].
 - Change password;
 - Enter (Password): current password;
 - Enter (New password): new password;
 - Enter (Repeat new password): new password;
 - Click **Save** to store the changed password or click **Cancel** to ignore the change;
 - Change of password is not successful when:
 - Password does not meet requirements [error code: 0230];
 - Repeated password is not the same as initial password [error code: 0240].
 - Repeated password is not the same as initial password [error code: 0240].

6.4.4 Upload photo:

- Select Device ID:
 - Yacht name appears.



It is possible to manage more than one YachtProtect device by one user.

- Click button **Select photo**;
- Select photo to upload:
 - File name of selected photo appears.
- Click button **Upload photo**;
- Locate uploaded photo in the correct position and extent, with the buttons **Up, Down, Left, Right, +** and **-**;
- Click button **Save**.

6.4.5 Change Yacht name:

- Select Device ID:
 - Yacht name appears.
- Enter new Yacht name;
- Click button **Save**.

6.4.6 Manage registered YachtProtect devices:

- Delete a Device ID:
 - Click button **Delete** in row to delete Device ID;
 - Click button **OK** to delete or click button **Cancel** to annulate the deletion.
- Add a Device ID:
 - Fill in **Device ID** in the lower row;
 - Fill in **Yacht name** in the lower row (optional);
 - Click button **Add** in the lower row;
 - An error message appears when:
 - Device ID is already signed in [error code: 0210];
 - Device ID is unknown (not registered) [error code: 0220];
 - Syntax of Device ID is incorrect [error code: 0270].

6.5 Change YachtProtect device settings

- 6.5.1
- Click button **My devices**;
 - Click select box **Settings**;
 - **YachtProtect settings** window appears.

6.5.2 YachtProtect settings window contains (header):

- Drop box **Device ID** of Device ID's to select.



It is possible to manage more than one YachtProtect device by one user.

- Yacht name of selected Device ID;
- Radio button **Battery voltage**:
 - Select the nominal voltage of the yacht.

6.5.3 YachtProtect settings window contains (table):

- When Battery voltage 12V is selected:
 - Row **Low voltage alarm level 12V**:
 - Up/down box to select the low voltage alarm level:
 - Limits are between 8,5V and 10,5V.
 - Row **Low voltage warning level 12V**:
 - Up/down box to select the low voltage warning level:
 - Limits are between 10,5V and 12,0V.
 - Row **High voltage warning level 12V**:
 - Up/down box to select the high voltage warning level:
 - Limits are between 14,5V and 15,0V.
 - Row **High voltage alarm level 12V**:
 - Up/down box to select the high voltage alarm level:
 - Limits are between 15,0V and 16,0V.
- When Battery voltage 24V is selected:
 - Row **Low voltage alarm level 24V**:
 - Up/down box to select the low voltage alarm level:
 - Limits are between 17,0V and 21,0V.
 - Row **Low voltage warning level 24V**:
 - Up/down box to select the low voltage warning level:
 - Limits are between 21,0V and 24,0V.
 - Row **High voltage warning level 24V**:
 - Up/down box to select the high voltage warning level:
 - Limits are between 29,0V and 30,0V.
 - Row **High voltage alarm level 24V**:
 - Up/down box to select the high voltage alarm level:
 - Limits are between 30,0V and 32,0V.
- Row **Low temperature alarm level**:
 - Up/down box to select the low temperature alarm level:
 - Limits are between - 5,0 °C and + 5,0 °C.
- Row **Low temperature warning level**:
 - Up/down box to select the low temperature warning level:
 - Limits are between + 5,0 °C and + 10,0 °C.
- Row **High temperature warning level**:
 - Up/down box to select the high temperature warning level:
 - Limits are between + 35,0 °C and + 45,0 °C.
- Row **High temperature alarm level**:
 - Up/down box to select the high temperature alarm level:
 - Limits are between + 45,0 °C and + 50,0 °C.

- Row **Temperature offset:**
 - Up/down box to calibrate the temperature sensor:
 - Limits are between - 5,0 °C and + 5,0 °C.



Calibration of the temperature sensor can be necessary when the YachtProtect device is placed on a location where the measured temperature has a structural (constant) deviation of the real temperature.

- Row **Low voltage warning act as alarm:**
 - Checkbox to (un)check a Low voltage warning act as alarm.
- Row **High voltage warning act as alarm:**
 - Checkbox to (un)check a High voltage warning act as an alarm.
- Row **Low temperature warning act as alarm:**
 - Checkbox to (un)check a Low temperature warning act as an alarm.
- Row **High temperature warning act as alarm:**
 - Checkbox to (un)check a High temperature warning act as an alarm.
- Row **Gas/smoke warning act as alarm:**
 - Checkbox to (un)check a Gas/smoke warning act as an alarm.
- Row **Liquid sensor 1 warning act as alarm:**
 - Checkbox to (un)check a Liquid sensor 1 warning act as an alarm.
- Row **Liquid sensor 2 warning act as alarm:**
 - Checkbox to (un)check a Liquid sensor 2 warning act as an alarm.



'Act as' stand for the same behaviour for warnings as alarms, so:

- Warnings will be immediately send to your Smartphone;
- Warnings will be immediately send an E-mail to your E-mail address.

- Click button **Save settings**.



Changed YachtProtect device settings will be active after the first regular communication (status message) between the YachtProtect device and server (maximal 6 hours).

6.6 Option: show last message from YachtProtect device on Smartphone



Optionally, there is a possibility, to show the last message of the YachtProtect device on your Smartphone in a simple and clear manner. See: Appendix B 'Create hotkey, as icon, on your Smartphone'.

6.7 Log out YachtProtect account

- 6.6.1
 - Click button **My devices**;
 - Select box appears;
 - Click **Log out** in select box;
 - Home page appears (user is logged out).

7 Messages from YachtProtect device

7.1 Catapush Messenger

- 7.1.1 When an alarm occur or a warning (configured as 'act as' alarm) occur, a message will be send immediately to your Smartphone. This message has the following format:

Content: **Yacht name: [yacht name]**
[alarm message]
 YachtProtect Device ID: xxxxxxxxxxxxxxxx

7.2 E-mail messages

- 7.2.1 When an alarm occur or a warning (configured as 'act as' alarm) occur, a message will be send immediately to your E-mail address. This E-mail has the following format:

Title: **YachtProtect message**

From: **Admin <info@yachtprotect.eu>**
To: **[recipient]**
Content: **Yacht name: [yacht name]**
[alarm message]
YachtProtect Device ID: xxxxxxxxxxxxxxxx

8 Maintenance and service

- 8.1 Replace fuse. A defect fuse can be replaced by an identical fuse. Specifications of fuse are:
- 1A - automotive fuse - standard - minimal 50Vdc.
- Fuse is located in the power supply cable.



During checking and replacing fuse, disconnect power supply cable from Battery.

9 Solving problems

	Situation	Action / Solution
9.1	When connecting the YachtProtect device to the Battery supply nothing happens.	<ul style="list-style-type: none">• Check battery voltage. Battery voltage must conform specifications;• Check fuse and replace if fuse is broken.
9.2	Auxiliary LED is red while Auxiliary input is shorted.	<ul style="list-style-type: none">• Check connection and cable of Auxiliary input.
9.3	When Liquid sensor 1 or Liquid sensor 2 is connected to the YachtProtect device, the respective LED's will stay off.	<ul style="list-style-type: none">• Check connection and cable of Liquid sensor (it can be damaged).
9.4	When Liquid sensor 1 or Liquid sensor 2 detects a warning- or an alarm level the LED are representing an incorrect colour.	<ul style="list-style-type: none">• Check connection and cable of Liquid sensor (it can be damaged).• Liquid sensor can be broken.
9.5	Communication LED is red.	<ul style="list-style-type: none">• Signal strength of telecom provider is too low. No other telecom providers are available;• Use of external antenna.

10 After-sales Service and Application Service

- 10.1 Our after-sales service responds to your questions concerning maintenance and repair of your product as well as spare parts. Information can also be found under:
- www.yachtprotect.eu
- 10.2 Contact:
- info@yachtprotect.eu

11 Disposal



- 11.1 The YachtProtect device, accessories and packaging should be sorted for environmental-friendly recycling. Do not dispose of the YachtProtect device into household waste!

**11.2 Only for EC countries:**

According to the European Directive 2012/19/EU for Waste Electrical and Electronic Equipment and its implementation into national right, electrical equipment that are no longer usable must be collected separately and disposed of in an environmentally correct manner.

12 Glossary

UTC	Universal Time Coordinated (Coordinated Universal Time). Example: during summer time is the UTC time 2 hours before the local (Netherlands) time.
Device ID	Is a unique identification number of the YachtProtect device. This ID is inseparable connected with the YachtProtect device, which cannot be changed. The device ID is placed on the label on the backside of the YachtProtect device. A Device ID consist of 14 characters.
Power supply cable	Cable from battery to YachtProtect device.

13 Appendix A: Error codes

Error code	Description	Text in error box
Sign in		
0010	Syntax of E-mail address is incorrect	Please enter a valid E-mail address [error code: 0010].
0012	Syntax of phone number is incorrect	Please enter a valid telephone number [error code: 0012].
0014	Password does not meet requirements	Please enter a correct password [error code: 0014].
0016	Repeated password is not the same as the initial password	Repeated password is not the same as initial password [error code: 0016].
0018	Device ID of this YachtProtect device is already signed in	Device ID is already signed in [error code: 0018].
0020	Device ID of this YachtProtect device is unknown (not registered)	Device ID is unknown (not registered) [error code: 0020].
0022	Syntax of Device ID is incorrect	Syntax of Device ID is incorrect [error code: 0022].
Log in		
0110	Combination of E-mail and password is incorrect	E-mail address or password incorrect [error code: 0110].
Credentials		
0210	Device ID is of this YachtProtect device already signed in	Device ID is already signed in [error code: 0210].
0220	Device ID of this YachtProtect device is unknown (not registered)	Device ID is unknown (not registered) [error code: 0220].
0230	Password does not meet requirements	Please enter a correct password [error code: 0230].
0240	Repeated password is not the same as initial password	Repeated password is not the same as initial password [error code: 0240].
0250	Device ID of this YachtProtect device is already registered	Device ID is already signed in [error code: 0250].
0260	Device ID of this YachtProtect device is unknown (not registered)	Device ID is unknown (not registered) [error code: 0260].
0270	Syntax of Device ID is incorrect	Syntax of Device ID is incorrect [error code: 0270].

14 Appendix B: Create hotkey, as icon, on your Smartphone

There is a possibility to show on your Smartphone the last message from a YachtProtect device, in a simple and clear manner:

- 14.1 Browse, on your Smartphone to: <https://yachtprotect.eu/m>
- 14.2 Log in with the usual user credentials (E-mail address and password);
- 14.3 The mobile site of your YachtProtect device will be opened on your Smartphone.
- 14.4 Store this page on the start screen of your Smartphone:

Apple Smartphone:

- Click in bottom beam of the browser on icon with box with arrow (middle icon);



- Select **Voeg toe aan startscherm**;
- Select optionally the name;
- Click **Voeg toe**;
- The hotkey is as icon available on your Apple Smartphone.
- After clicking the hotkey, the last received message of the YachtProtect device is shown.

Android Smartphone:

- Click **Opties**;
- Click **Instellingen**;
- Select **Sneltoets op startpagina**;
- The hotkey is as icon available on your Android Smartphone.
- After clicking the hotkey, the last received message of the YachtProtect device is shown.