YachtSafe GPS Alarm Manual

G31 & G32

YACHTSAFE®

Installation of the alarm unit

1. Mount the alarm unit standing vertically or lying horizontally according to the picture. The GPS signal passes normally through wood, plastic and glass but not solid metal. Try to place the alarm unit in an open environment to get a strong GPS signal. The GPS signal also gets stronger with fewer layers of materials. If the alarm is used in a metal boat the alarm unit should be placed close to a window. Also note that computers and transformer may jam the GPS signal. If you don't get any GPS reception with the app, or if the app often shows an old position, then the alarm unit has to be moved. However, note that it may take several hours to get the GPS position for the first time when the alarm is new.

2. Connect the alarm unit to a voltage source (red cable = positive, black cable = ground). See more information below regarding the white cable.

+ 12 / 24volt (GPS alarm version HW003):

White conductor output extends to ground when active. Load max 3A at the output, it will turn off at high load / current. Fuse the feed to the load. If load current exceeds 1A, a relay on output between output and load should be used.When connecting a siren, red cable goes to red and black cable to the white on the G32.

Red conductor, fuse alarm, 3A.

Black leader, ground.

○ *Out 0V*

● *+12/24 VDC*

● *0V/Ground*

Connect fuse, see info above
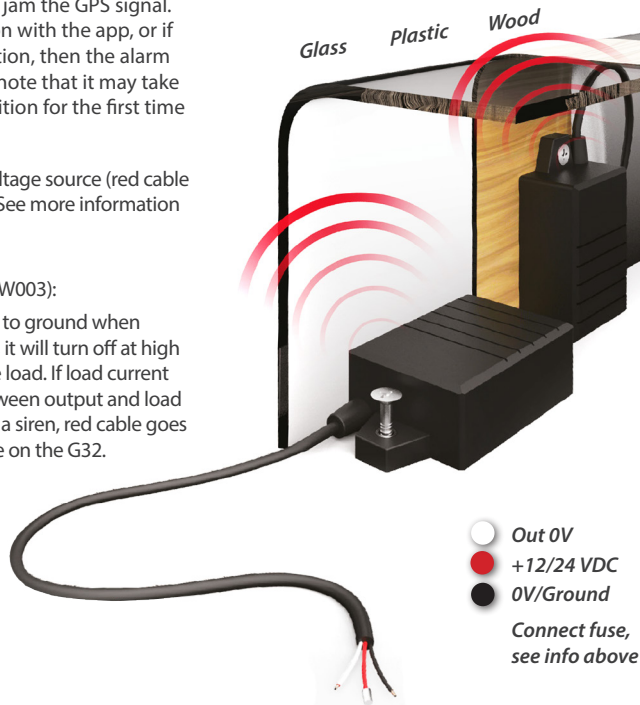
Technical specifications

Size:	74x48x28 mm
Weight:	150 g
Temperature:	-30 to +70°C*
External supply (VDC):	12-24 V
Power consumption:	2 or 7 mA
GSM/GPS antennas:	built-in
GSM band:	850/900/1800/1900
Internal battery:	2 Ah
Enclosure:	IP68
Tracking time on internal battery:	up to 2 weeks
Alarm detection on internal battery:	up to 3 months

(Up to 3 months applies when activating low power function. The function is set via the remote control. Please note: when the alarm is set to low power mode, it is not possible to communicate with the alarm via the app or by SMS commands. The alarm returns to normal mode in case of Sabotage or Movement alarm and an SMS will be sent to the alarm receiver.)

Additions or adjustments to this manual can be found at www.yachtsafe.se under the Manuals tab.

Glass   Plastic   Wood

Registration and activation

Thank you for purchasing a YachtSafe GPS Tracker! First of all you have to register the alarm and buy the GSM-traffic app.

Please visit our website, www.yachtsafe.eu.

1. Click on the **Register alarm** tab in the top menu. Register your product by filling out the form. Be sure to fill in all fields with an asterisk (*) correctly.

2. When registration is done:
Click on the: **Administer Alarm** tab. Login with the alarm's serial no. and your e-mail address. After login – Click on Web Shop to buy GSM-traffic. You will receive an order confirmation of your purchase. Then please wait until you receive another e-mail including your alarm's phone number and PIN code (this e-mail will arrive within 24 hours).
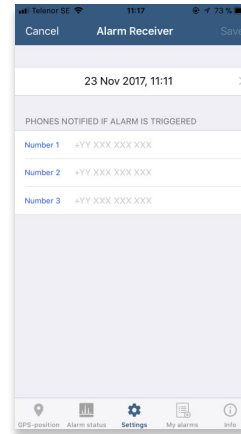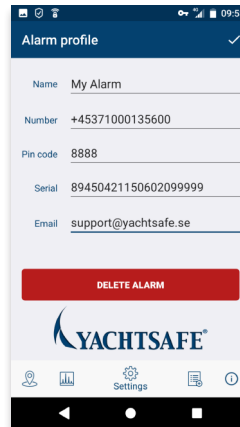
3. Download the app from App Store or Google Play Store and follow the steps shown in the screenshots for iOS and Android in this manual.
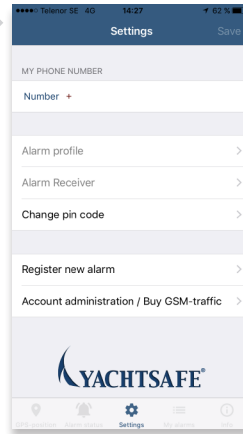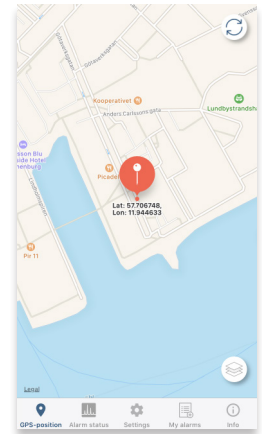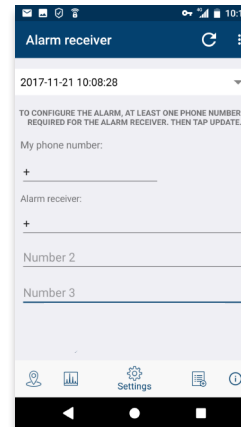
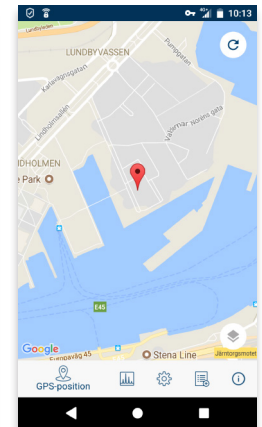Enter country code followed by your phone number.
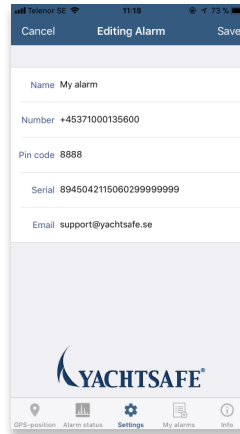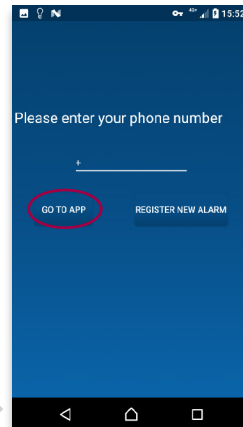
Enter the information about your alarm and press Save in the top right corner.

Enter the phone numbers to contact when the alarm is triggered and press Update in the top right corner.

Activation is complete!

Accessories and settings

IMAGE 1   Select Alarm accessories & Relay

IMAGE 2   Add & configure accessories

IMAGE 3   **iOS:**   New accessory
              Android: Choose alarm accessory

IMAGE 4   Choose the accessory to connect.
Enter a name for the accessory and
then press Connect and follow the
instructions.

         iOS: After connection of the
accessory, go to the tab Alarm ac-
cessories & Relay, press Update in
the top right. Choose to activate/
Inactivate the alarm accessory
by the button Edit in the top left.
Choose your setttings and press
Save.

         Android: After connection of the
Alarm Accessory, go to the tab
Alarm accessories & Relay, press
Update. Choose to activate/inac-
tivate the alarm accessory by the
symbol ⋮ in the top right (press
Edit). Choose your settings and
press Save.

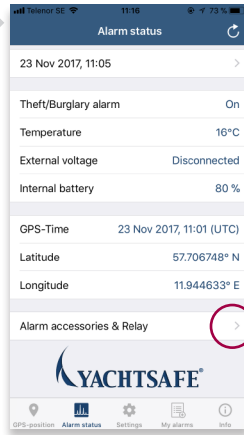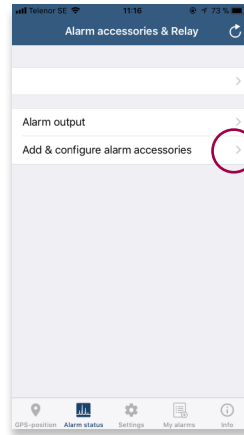**IMAGE 1**   **IMAGE 2**   **IMAGE 3**   **IMAGE 4**
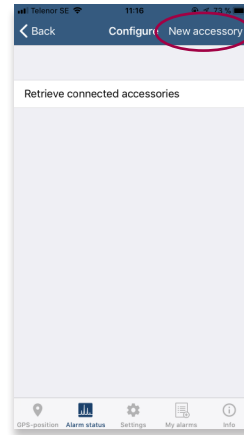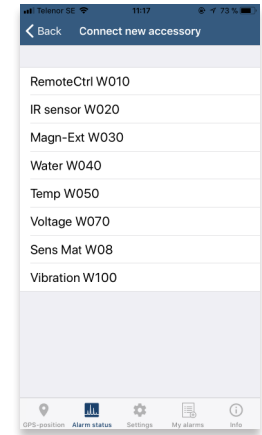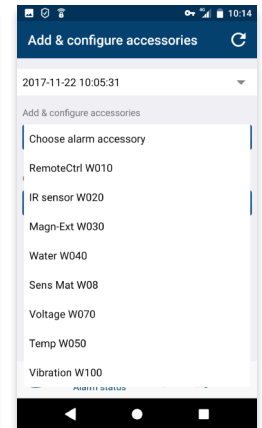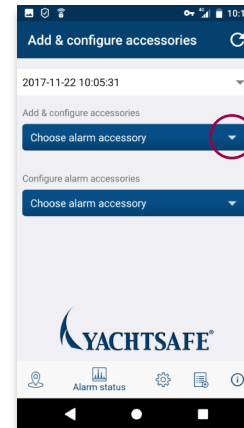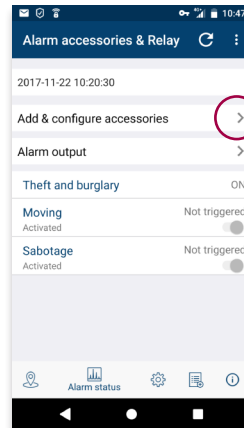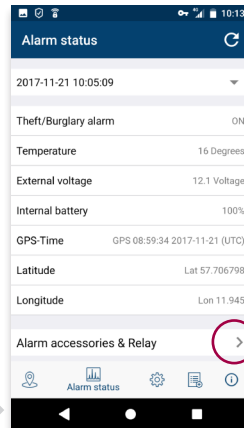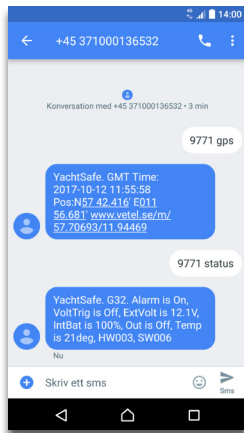
Communicate with the alarm

Note that the alarm unit needs to be connected to a voltage source. SMS commands are sent from a regular mobile phone to the alarm's phone number. All commands begin with the alarm unit's four-digit PIN, space, and then the name of the SMS command.

For example: 1111 gps or 1111 status

All SMS commands are answered with an SMS from the alarm device.

Control your alarm by SMS

SMS COMMAND	DESCRIPTION
Pin ALARM On/Off	Activate/Deactivate burglary and intrusion alarm.
Pin CONFIGURE NewPin AlarmNumber1 (AlarmNumber2)	Configure the alarm unit with one or two alarm receivers and possibly also a new PIN code..
Pin GPS (NEXT)	Read current GPS position with map link. The parameter NEXT can be used when there is poor GPS coverage, then the alarm unit does not respond until a new position is available.
Pin OUT NotUsed/ On/Off/Siren	Activate/deactivate output or use it as a siren (only YachtSafe Boat Alarm).
Pin SHUTDOWN	The alarm unit shuts down after the external power supply is disconnected.
Pin STATUS	Read status information like battery voltage, etc.
PIN VOLTAGE TRIGGER TriggLevel/Off	Activate/Deactivate monitoring of the external driving voltage. Trigger level must be in steps of 0.1V (for example 110 = 11.0 volts).