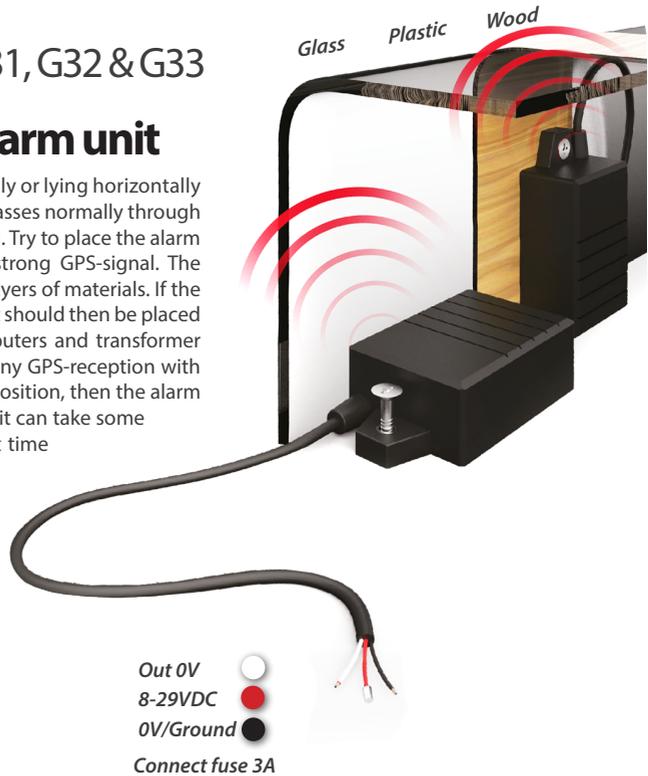# Manual
YachtSafe GPS-alarm G31, G32 & G33

Glass Plastic Wood

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 then be placed close to an 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 can take some 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 = Plus, black cable = ground). G33 has a different cable and has to be installed by an authorized fitter. The white cable (The output of the alarm) goes to ground when it's active. With installation of a siren red cable goes to red and black cable the white on G32.

Out 0V
8-29VDC
0V/Ground
Connect fuse 3A

Technical specification

Size:	74x48x28 mm
Weight:	150 g
Temperature:	-30 to +70 °C*
External supply (VDC):	9-28 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 3 weeks
Alarm detection time in low power consumption mode:	up to 6 weeks

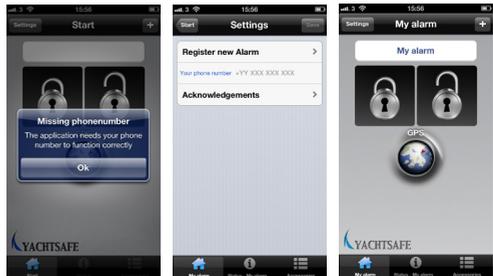*The GSM-function is working from -20°C to +55°C

N 30°32.89
E 114°18.04'

℞ ☒ CE

Registration and activation

First of all you have to register the alarm and buy GSM-traffic. You do this easily on our website, www.yachtsafe.se, by choosing *Register Alarm* in the top menue. It's also easy to do this directly in your app and all the alarm information will then be added automatically. If the registration is done with a computer you have to add all the alarm information manually. Note that you don't need to have the app to use the alarm because you can SMS communication. See back page for more information about this.

iPhone

1. Download the Yachtsafe app & add your cell phone number

Open up App Store and search for the YachtSafe app. Download it for free. First of all you need to add your cell phone number according to the pictures to the right
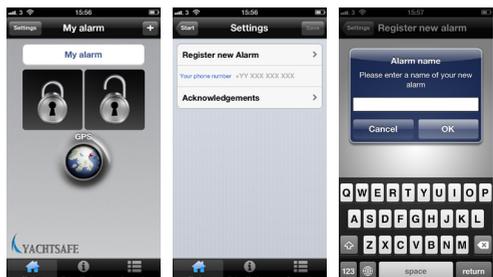
2a. Add an alarm you have registered on the web

Click on the plus button in the upper right corner. Add all required information. You should have received the Pin code and Alarm phone number in an email or on the website after you registrated the alarm. *Number* means the alarm phone number. (Don't mix this up with you own cell phone number)
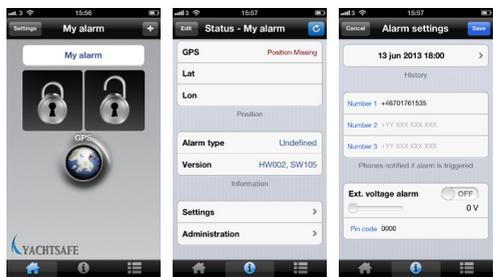
2b. Registrate your alarm with help of the app

1. Click on Settings in the upper left corner.

2. Then choose Register new alarm to continue.

3. Add an alarm name of your choice. It's easy to change this later. Then choose *OK* and fill out the online registration form. You find the serial number on the sticker in the upper right corner on the next page.

3. Add cell phone numbers that should receive alarms

1. Click on *Status* in the bottom of the app.

2. Scroll down and choose *Alarm settings*.

3. Add the cell phone numbers that you wish to receive alarms.

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wireless alarm and control solutions

You find a sticker here on the manual that you got together with the alarm. The information is used during the registration.

Android

1. Download the Yachtsafe app & add your cell phone number

Open up Google Play and search for the YachtSafe app. Download it for free. First of all you need to add your cell phone number according to the pictures to the right

2a. Add an alarm you have registered on the web

Click on the menu button on the Android phone to see the "box of alternatives". Chose then *New Alarm Profile* och add the information. You should have received the Pin code and Alarm phone number in an email or on the website after you registered the the alarm. *Number* means the alarm phone number. (Don't mix this up with you own cell phone number).

2b. Registrate your alarm with help of the app

1. Click on the menu button on the Android phone to see the "box of alternatives". Then choose *More*.

2. Choose *Register your alarm*.

3. Add an alarm name of your choice. It's easy to change this later. Then choose *OK* and fill out the online registration form. You find the serial number on the sticker in the upper right corner on this page.

3. Add cell phone numbers that should receive alarms

1. Choose *Alarm Settings* in the "box of alternatives".

2. Add the cell phone numbers that you wish to receive alarms.

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SMS communication

Set the cell phone number to be alarmed

To activate the alarm you have to send the folowing SMS to the telephone number of the alarm:

Pin Configure Pin Alarm number1 (Alarm number 2)

Note that the alarm unit needs to be connected to a voltage source to be able to communicate with it. You see an example to the right about how

Communicate with the alarm

SMS-commands are sent from cell phones to the telephone number of the alarm unit. All commands start with the alarm unit's four numbered pincode, space and the name of the SMS-command. One or several parameters separated by space may also follow. Uppercase or lowercase letters can be mixed. All SMS-commands respond with an SMS from the alarm unit.

Summary of all SMS commands

SMS commands	Description
Pin ALARM On/Off	*Activate/Deactivate theft- and burglary protection.*
Pin CONFIGURE NewPin AlarmNumber1 (AlarmNumber2)	*Configure the alarm unit with one or two alarm receivers and eventually new pincode.*
Pin GPS (NEXT)	*Read current GPS-position with map link.The parameter NEXT can be used when there is bad 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 step of 0.1V (for example 110 = 11.0 volt).*

See website for further information about SMS communication