

factair

SAFEGUARD FAC0966 SOUNDER BEACON OPERATING INSTRUCTIONS



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1 INTRODUCTION

The FAC0966 Sounder Beacon is a 'plug and play' device designed to work in conjunction with Factair's SafeGuard air quality monitoring instrument.

The unit is mounted on a galvanised steel mounting plate allowing it to be wall mounted.



The FAC0966 has an incoming M12 power supply connection compatible with the 12V power supply provided with the SafeGuard and an M12 outlet connection with 3 metre connection cable to the instrument.

This provides powers to the SafeGuard and in the event of any sensor reading going into alarm the volt free contact on the instrument activates the audible and visual warning on the FAC0966 Sounder Beacon.

2 TECHNICAL DATA

Part Number	FAC0966
Dimensions	48mm x 48mm x 45mm high
Weight	0.6Kg
Power Supply Requirements	12V, 3A DC – utilising SafeGuard power supply
Inlet Connection	M12
Outlet Connection	M12
Alarm	Visual and audible - 102 dB(A)
Connection cable to SafeGuard	3 metre fitted with M12 connectors

3 INSTALLATION AND CONFIGURATION

3.1 INSTALLATION

1. Mount the FAC00966 in the desired location, note connection cable is 3 metres long and ensure there is a suitable power supply available.
2. Connect the SafeGuard power supply to the 'POWER IN' on the FAC0966.



3. Fit the connection cable between the FAC0966 and SafeGuard.



M12 connection for power supply and alarm output

3.2 SAFEGUARD CONFIGURATION

The Safeguard is configured using a web interface which can be accessed via a smart phone, tablet or PC with WiFi connectivity.

Each Safeguard is provided with a password which can be found inside the case.

To connect to the Safeguard locate it through your WiFi as shown:

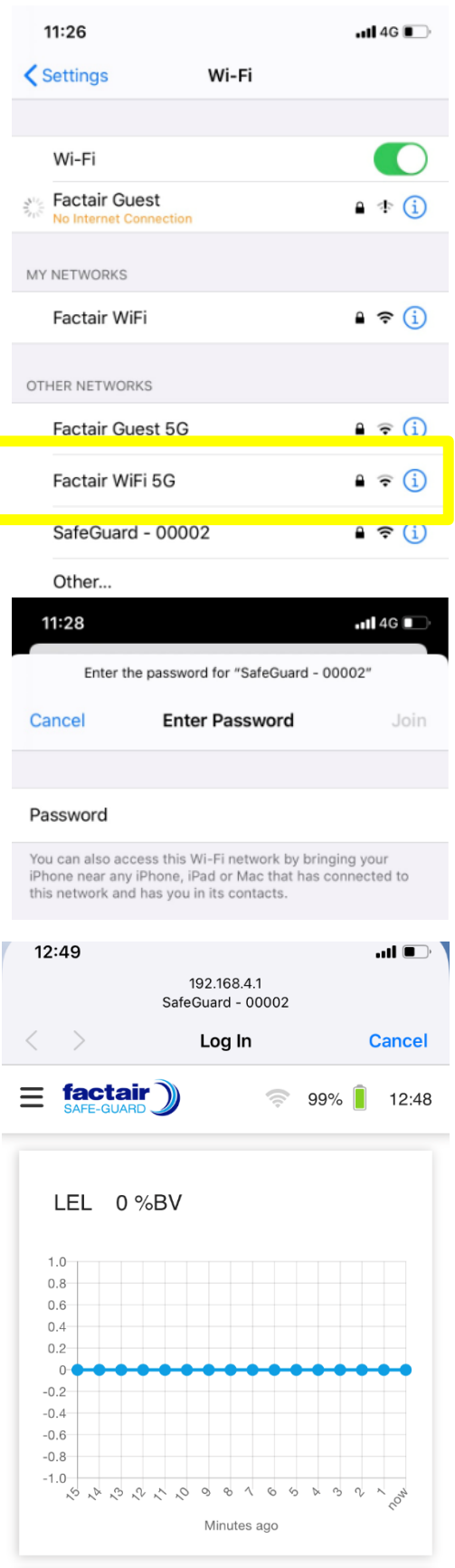
Then connect to the device and enter the password provided

Typically, a pop up will appear, either bringing you directly to the safeguard interface, or requesting you to “sign in to network”.

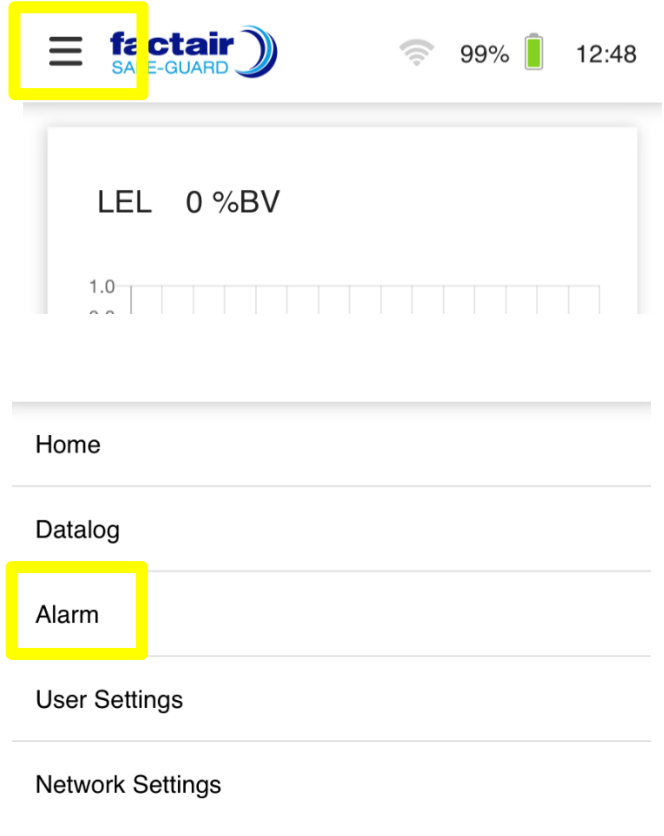
It may take a few moments to connect.

If this does not happen, you may need to disable mobile data, and open a browser. Visit the following address: “safeguard/”

This will then load the user interface which will display current sensor values together with readings over the last 15 minutes, scroll down to view all the sensors:



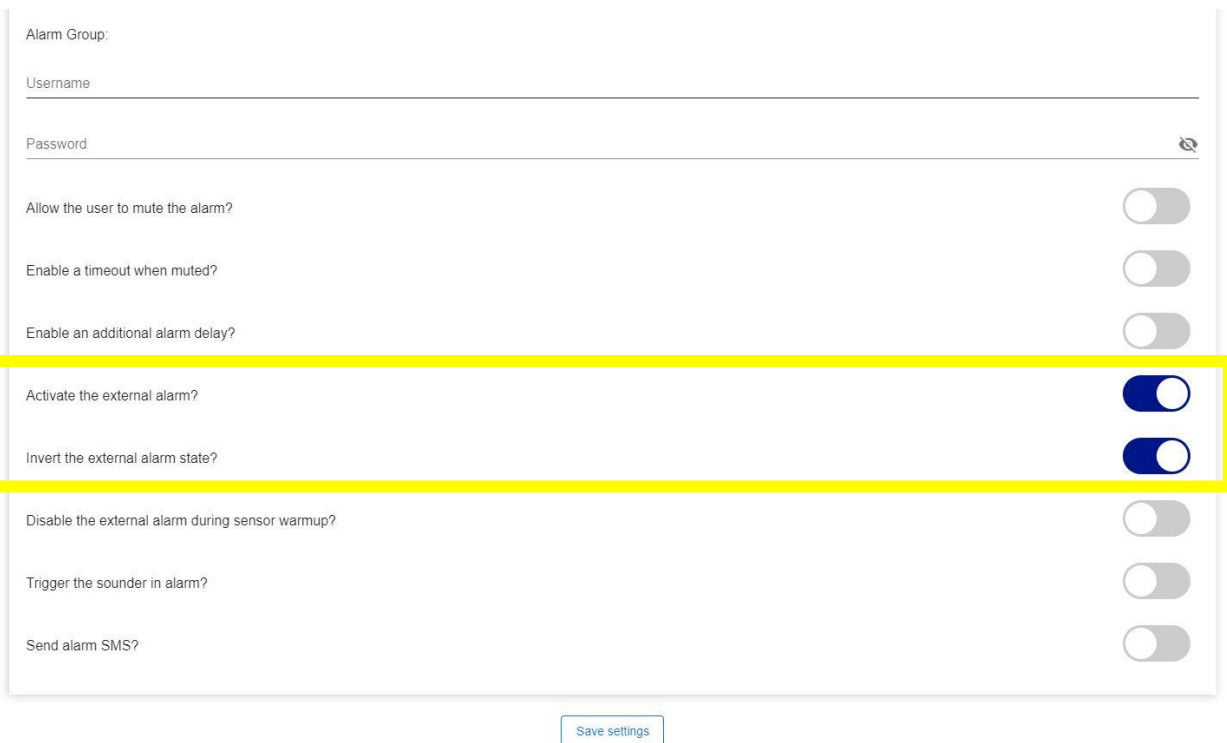
To access the set up options press the following icon



This will then allow you to access the alarm settings sub menus.

In the alarm menu

Select the following configurations options to enable the FAC0966.



When you have finished configuring the settings select “Save Settings”

The FAC0966 alarm will then be activated based on the alarm set points from the SafeGuard sensor readings.

NOTE: IN THIS CONFIGURATION THE ALARM WILL SOUND WHEN THE SAFEGUARD IS TURNED OFF

Should you not want the alarm to sound on the SafeGuard when the instrument is turned off, then configure the instrument and FAC0966 as follows:

Turn off the “Invert the external alarm state” option

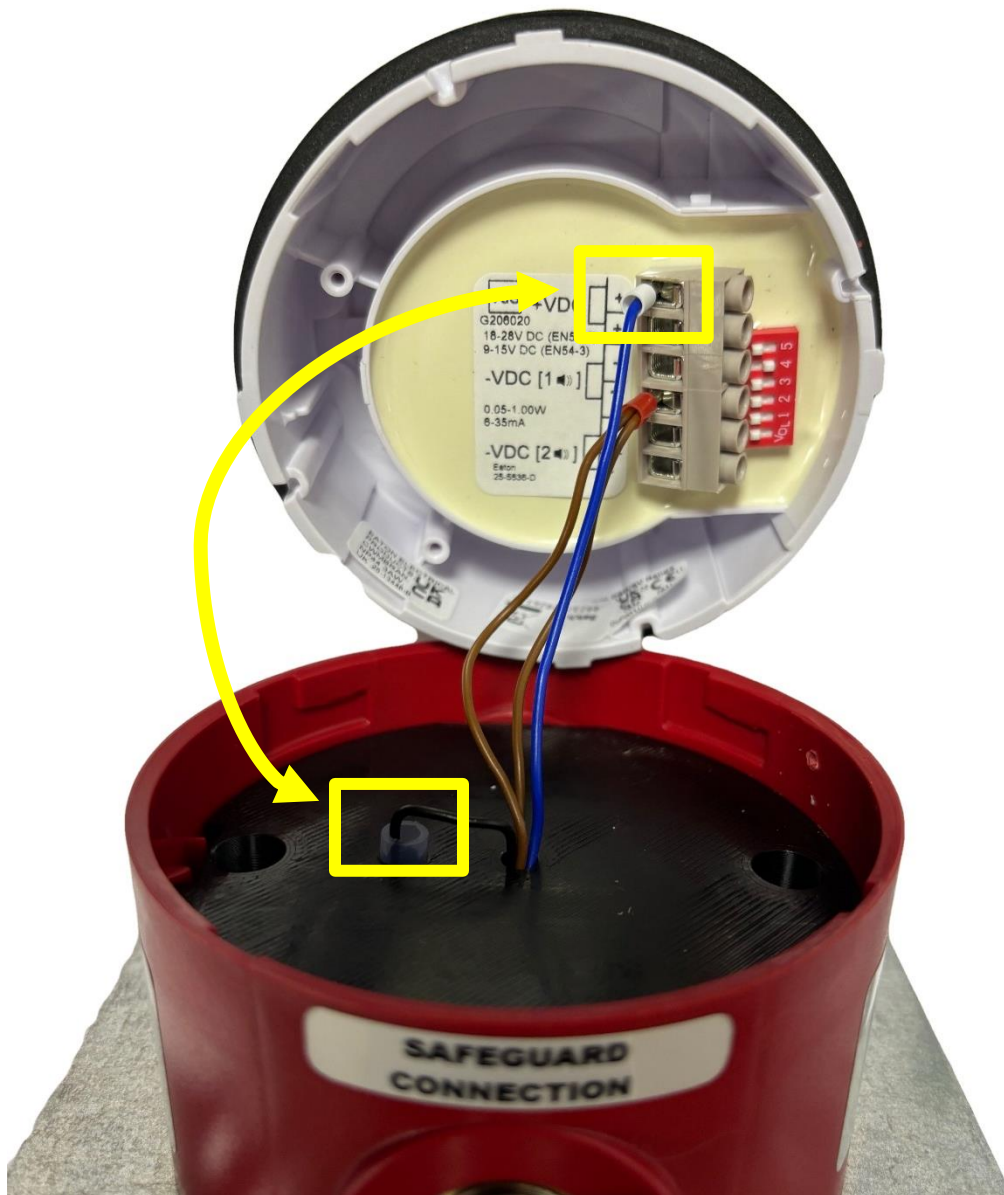
Activate the external alarm?



Invert the external alarm state?

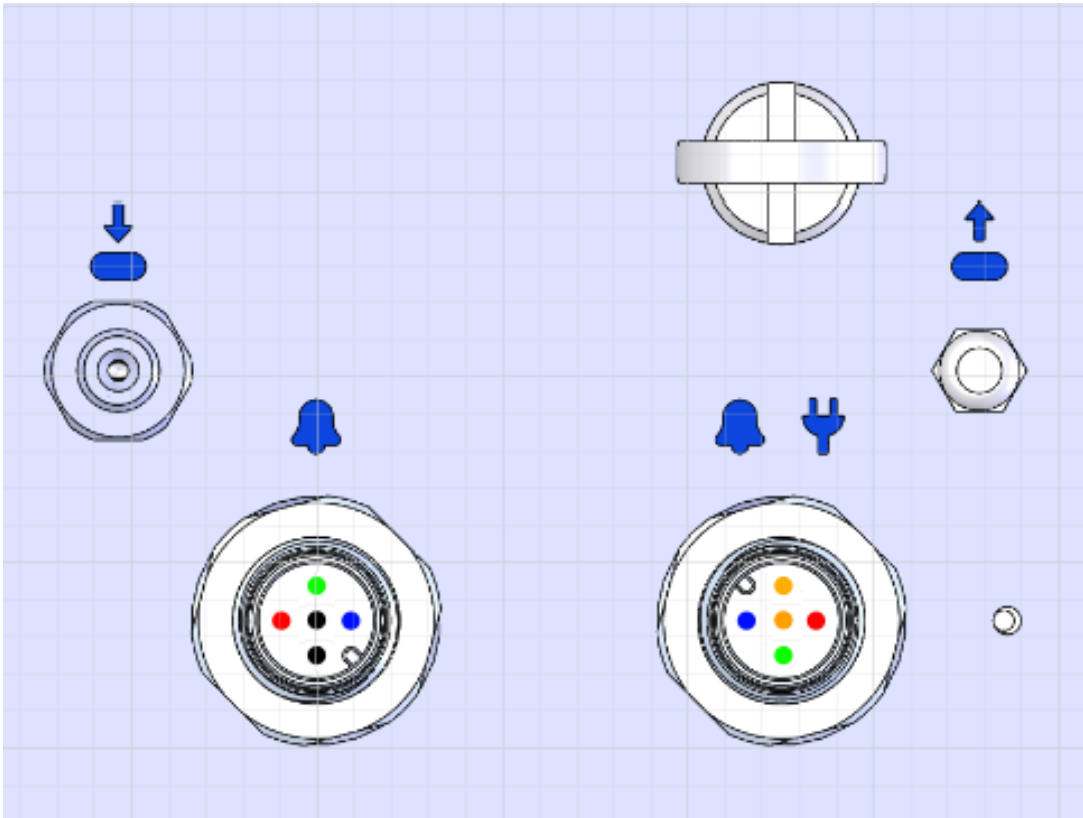


Unscrew the housing to the FAC0966 and replace the blue wire with with the black wire. Make sure to store the spare blue wire in the location holder.



The alarm sound / tone can be configured using the dip switches and by moving the brown wires between VDC 1 and VDC 2.

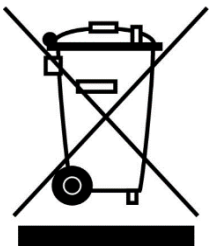
5.4 EXTERNAL M12 CONNECTIONS



- NOT CONNECTED
- **ALARM NORMALLY OPEN**
- **ALARM NORMALLY CLOSED**
- **ALARM COMMON**
- **12/24 VDC POWER INPUT (UN-POLARISED)**

Appendix

Disposal



This product must not be disposed of as household waste as indicated by the adjacent symbol.

You can return this product to Factair free of charge. For information please contact your distributor or Factair.

factair

Factair Ltd

49 Boss Hall Road

Ipswich

Suffolk

IP1 5BN

UK

Tel Sales: +44 (0) 1473 746400

Tel Hire: +44 (0) 1473 746444

Fax: +44 (0) 1473 747123

Email: enquiries@factair.co.uk

www.factair.co.uk