

# Installation Instructions

## 12vdc Powered AIDALARM A600F Stainless Steel & A600FBR Polished Brass

The **AIDALARM** is designed as a disabled person alarm system primarily for use in WCs etc..It is designed to comply with BS8300 and the requirements of the Disability Discrimination Act.

The **AIDALARM A600F/A600FBR** controller should be sited where staff are located who can respond to an emergency call. It needs to be powered by a 12vdc power supply (available separately) which should have a standby battery fitted. The power supply should be rated at a minimum of 250mA. See part numbers PSU-12/2AB and BAT12V3300LA. The system voltage is 12vdc thus the ancillary items in toilets or other wet areas are at a safe working voltage avoiding any conflict with Part P building regulations.

The **Pull Cord S1600-R** should be appropriately sited for your application in the WC or where assistance is required. Additional pull cords if required are available separately. The lower bangle on the cord should be set at 100mm above floor level. The second bangle should be set between 800 and 1000mm above floor level.

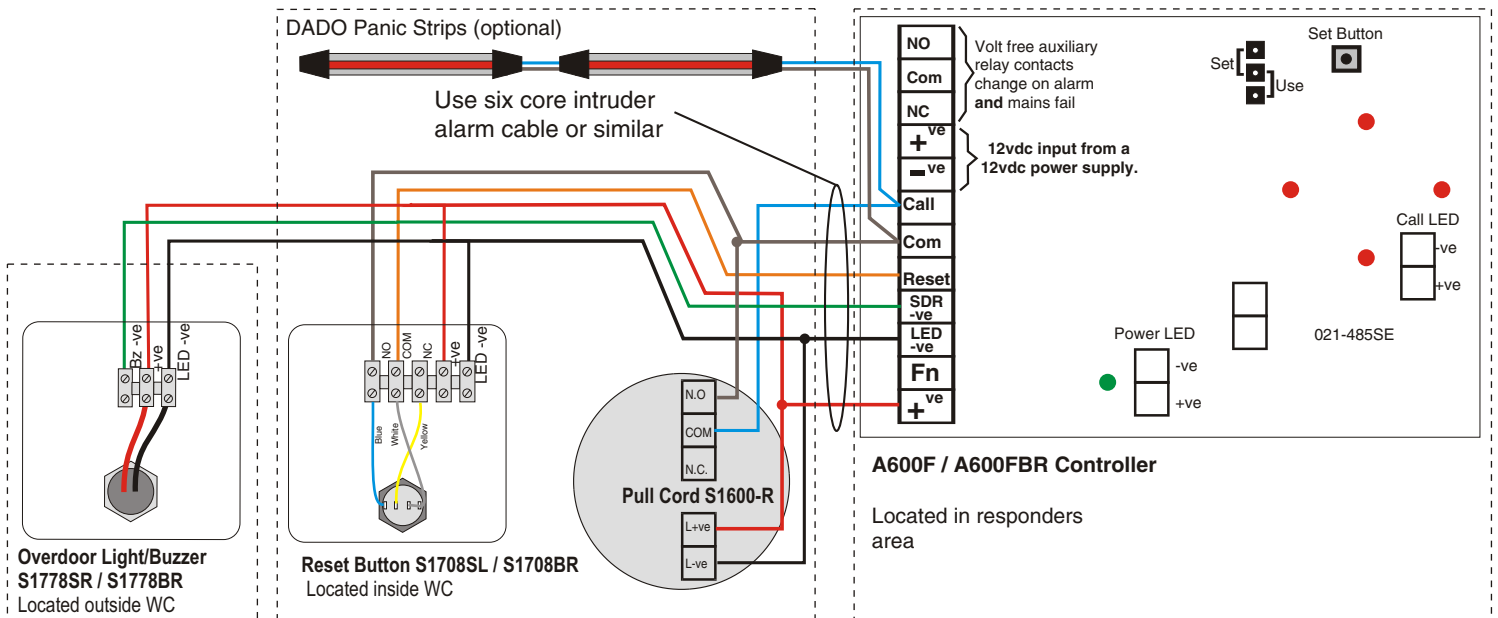
The **Reset Button / LED S1708SL/S1708BR** should be sited near the point of call and should be mounted with the bottom edge between 800 and 1000mm above floor level and a minimum of 350mm from any corner.

The **Overdoor Light/Sounder S1778SR/S1778BR** is usually sited outside and above the WC door.

**DADO Panic Strip (Optional)** is a normally open device, the contacts close when the switch is pressed. Site Dado 150mm from floor level in WCs.

### Wiring details

Standard 6 core intruder alarm cable or similar is ideal to connect the **AIDALARM** controller to the ancillary items.



### Operation

Using the factory default settings, when a call is generated by pulling the cord or by activating any optional call accessory such as panic strip, audible and visual warning is given at both the WC area and at the AIDALARM control panel. The call can be silenced at the control panel by pressing the control panel button. This will cause the panel to bleep every 40 seconds as a warning of non attendance by the responders. The audible indicator at the WC will bleep every five seconds to re-assure the caller. Should the cord be pulled again while in the Silence state, the system will call again. The system is reset at (or near) the point of call using the Reset button.

Overdoor units are fitted with LEDs and buzzers. Pull Cords are fitted with an LED. Additional units can be fitted if required. Call buttons can also be fitted to give a more flexible operation. Consult our technical dept.

### Alarm Relay

A single pole change over volt free relay is provided in the control panel. This relay is energised while the system is in its idle state, when a call is made the relay de-energises, the relay energises again once the call has been reset. The relay also de-energises if the 12vdc power is lost.



## Programming

All settings made in programming mode will be maintained in memory even if power is removed. The following features of the system can be programmed.

### a. Control panel button function

The control panel button is located below the power on LED. There are three possible options for this button. It can be used as either a SILENCE button, a RESET button or be completely disabled. The factory default setting is SILENCE.

The default setting is probably adequate for most applications but if it needs to be changed proceed as follows: Move the jumper on the PCB to the Set mode position. The LEDs on the PCB will flash indicating the current setting. (See table below) Scroll through the three possibilities by pressing the small Set Button on the PCB. When finished either continue to set the tone as in (b) below, or move the Set jumper back to the Use mode.

Button Operation	LED Flashing
Silence	LED1
Reset	LED2
Disabled	LED3

### b. Control panel alarm tone

Whilst in Set mode (jumper on the PCB in the Set position), press the control panel button on the front of the panel to move into tone setting mode, the LED will indicate steady. Repeatedly press the control panel button to scroll through the four different tones. Pause for 2 seconds after each press and the selected tone will play for 2 seconds. The last tone played is the tone that will be stored in memory. When the tone has been played the setup will revert to setting the control panel button function with the LEDs flashing. When finished, move the Set mode jumper back to the Use mode.

### Note

The selected alarm tone dictates the flash rate of the various LEDs within the system. Depending on the tone selected, the flash rate will be between 1 and 4Hz.

**Stainless Steel AIDALARMS and accessories** are supplied as individual items or in kit form. Kit part numbers are:  
**A600FKITR** (A600F AIDALARM controller, S1600-R pull cord, S1708SL reset button and S1778SR overdoor light/buzzer)  
**A600FKITRD** (A600F AIDALARM controller, S1600-R pull cord, S1708SL reset button, S1778SR overdoor light/buzzer and RPD01000 1m length of DADO Panic strip)

**Polished Brass AIDALARMS and accessories** are supplied as individual items.

Also available from Hoyles...

### AA31110D Six Zone Assistance Call Panel for Toilet or Pool Alarms

The Multiguard Assistance Call Panel AA31110D is designed for larger premises that require central indication of alarm calls from toilets, swimming pools, sauna or steam rooms.

If you require a system with more than 6 zones, simply stack systems together or call us for further options

### Components required to build a system

1 x AA31110D Control Panel

At least 1 x WCP-B-11 Call Point per zone

At least 1 x 8581750/HB Sounder Beacon (can be fitted per zone or per system)

1 x LAB35200 Pool Alarm Sign required per Call Point



AA31110D



S1600-R



S1778A



S1708A



**Hoyles Electronic Developments Ltd**

T. 01744 886600 F. 01744 886607 E. sales@hoyles.com W. www.hoyles.com

60130 Iss 1 June 2011

