

## Wireless Aidalarm Kit

A600WKITB, and A600WKITM

The Aidalarm is a disabled toilet alarm designed for compliance with BS8300, the system is composed of a **Main Controller A600WB / A600WM**, a **Pull Cord S1600-W**, a **Reset Button S1708W** and an **Overdoor Light S1778W**.

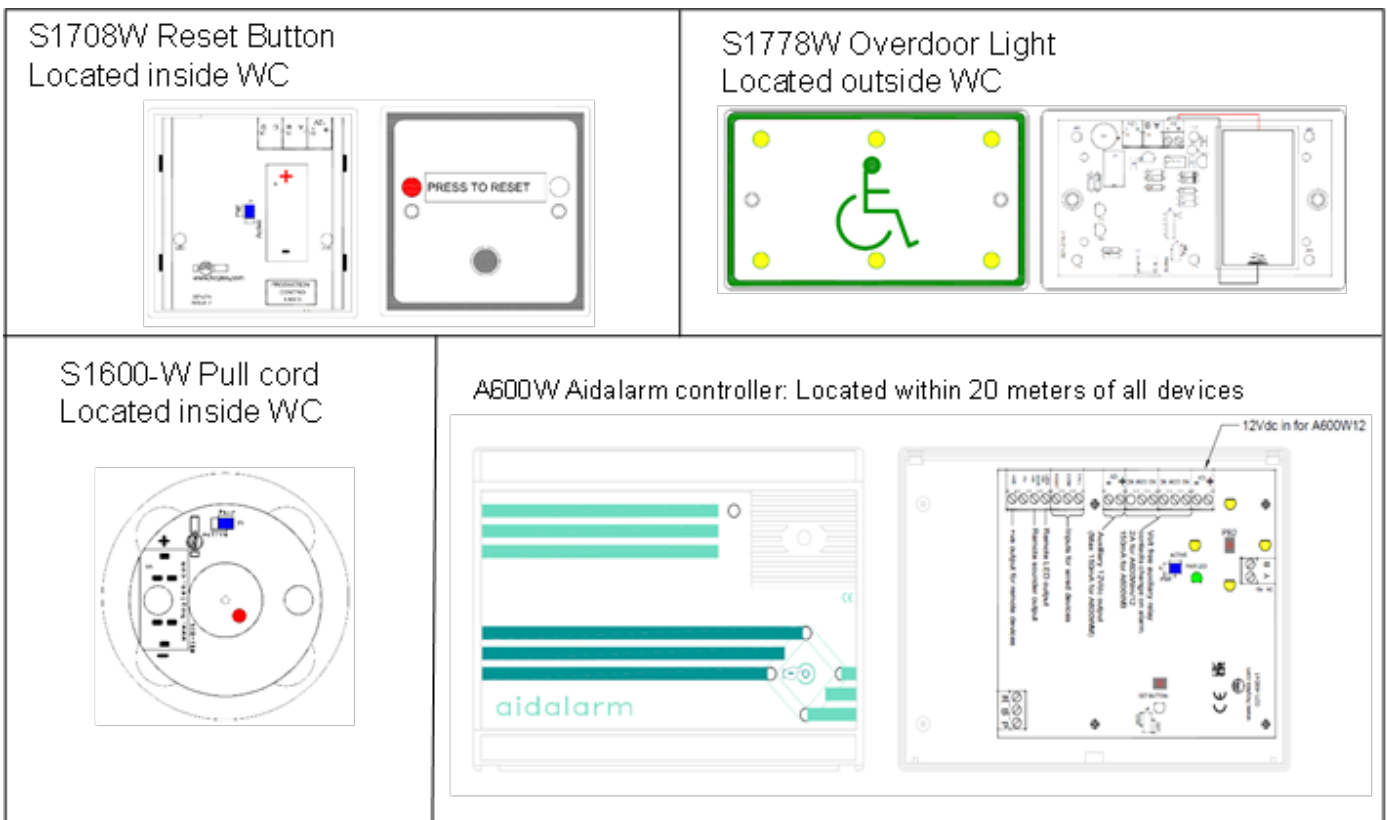
The **A600W Aidalarm** controller should be sited where staff are located who can respond to an emergency call. The A600WM is powered by 230vac with 1 x PP3-battery backup and the A600WB requires 1 x 3.6V D-battery. The unit will give a relay output when the unit is in alarm. It is recommended that the controller is placed within 20 meters of the remote devices, but this distance can vary depending on the environment.

**Please Note:** Up to 8 devices can be connected to one controller, this includes the S1600-W, S1708W and S1778W already supplied within the kit.

The **Pull Cord S1600-W** should be appropriately sited for the 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 pull cord requires 1 x CR123 battery.

The **Reset Button S1708W** 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 reset button requires 1 x CR123 battery

The **Overdoor Light/Sounder S1778W** is usually sited outside and above the WC door. The overdoor light/ sounder requires 1 x 3.6V D battery.



## Wireless Set up

All Kits are paired in the factory before despatch and will work out of the box.

### 1. Remove power form all devices.

- a. Ensure polarity is observed when inserting batteries as fitting them incorrectly will damage the unit.

### 2. A600W Aidalarm Controller

- a. Place J3 in the PAIR position,
- b. Apply power,
- c. The PAIR LED with start to flash indicating it is ready to pair with other devices. The controller can have up to 8 remote devices.

### 3. S1600-W Pull Cord

- a. Place J1 into the PAIR position,
- b. Insert the battery observing polarity,
- c. Pull the cord and LED1 will illuminate,
- d. Move the J1 to ACTIVE and the LED will start to flash,
- e. When the LED stops flashing the devices is paired with the controller.

### 4. S1708W Reset Button

- a. Place J1 into the PAIR position,
- b. Insert the battery observing polarity,
- c. Press the reset button and LED1 will illuminate,
- d. Move the J1 to ACTIVE and the LED will start to flash,
- e. When the LED stops flashing the devices is paired with the controller.

### 5. S1778W Overdoor Light/Sounder

- a. Place J1 into the PAIR position,
- b. Insert the battery observing polarity,
- c. When LED1 illuminates move the J1 to ACTIVE and the LED will start to flash,
- d. When the LED stops flashing the devices is paired with the controller.

6. Once all remote devices are paired, move J3 on the **A600W** to the ACTIVE position and the PAIR LED will extinguish, the system is now ready to use.

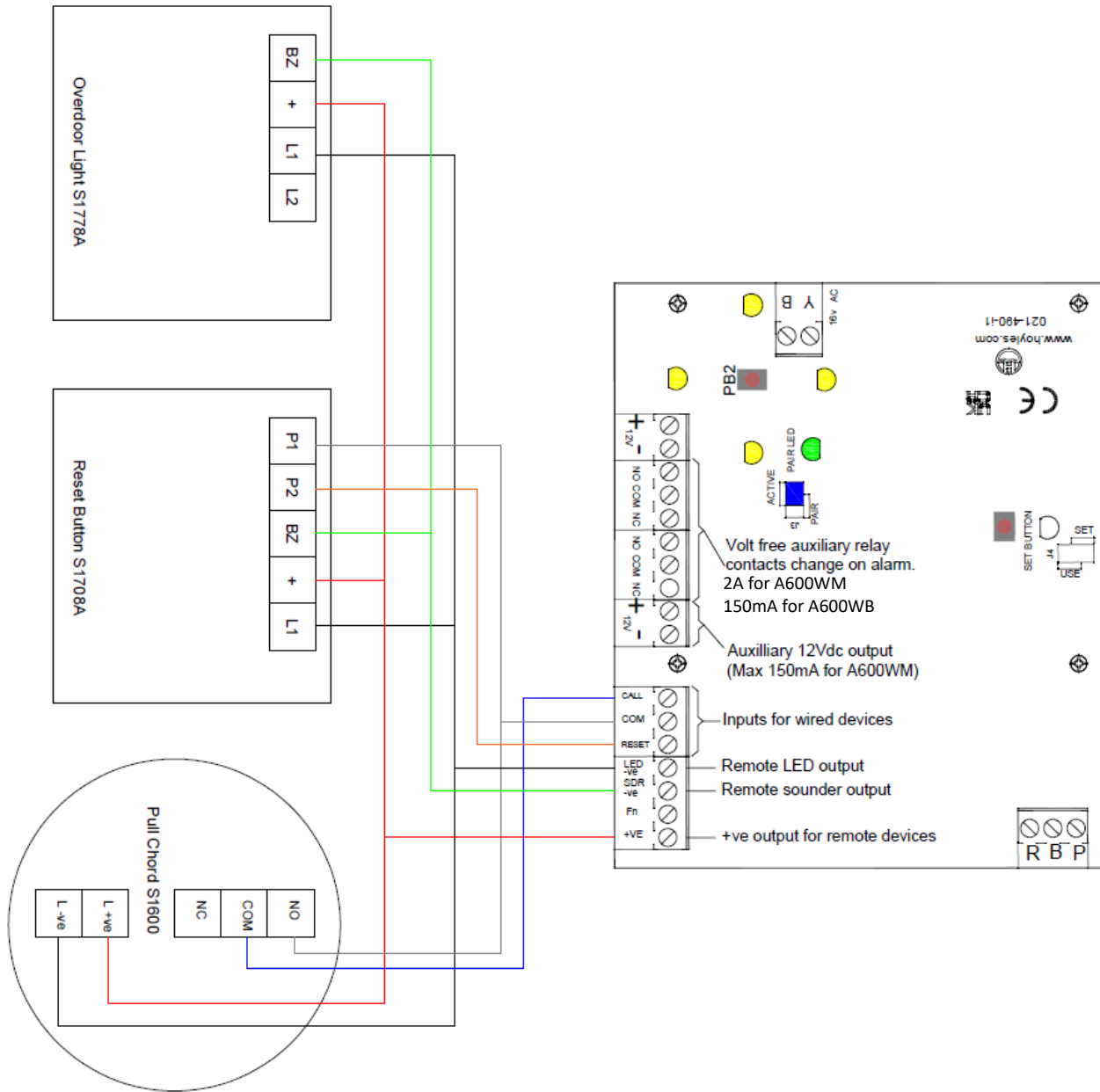
If the Aidalarm reaches its maximum of 8 remote devices it will automatically drop out of pair mode, in this case move J3 to ACTIVE and the system is now ready to use.

To unpair all devices remove power from the **A600W** move J3 to PAIR and re-apply power.

To unpair an individual device, remove power from it, set the jumper to PAIR and re-apply power.

## Hardwired Remote Devices

Standard 6/8 core intruder alarm cable or similar is ideal to connect the AIDALARM controller to the ancillary items. The mains supply, when used, should be 2 be 1mm twin and earth from a suitable 3A fused spur.



## Operation

When a call is generated an LED at the point of call will flash for at least 5 seconds and the Aidalarm controller will give audible and visual indication, the Mains version should go into alarm almost instantly but there may be a delay on the battery powered version due to power saving measures.

Once the controller enters an alarm state a few seconds later the Overdoor light will give and audible and visual indication.

Pressing the button on the controller in the centre of the LED's will silence the controller and remote indicator but they will still give visual indication.

The system must be reset by using the reset button at the point of call.

If the system is not reset the main controller will give an audible indication every minute to signal non-attendance.

If the call point is activated again before the system is reset, it will re-enter its full alarm state.

## Battery monitoring and testing

When any unit is activated it sends its battery status back to the main controller, for this reason **it is important that the system is activated and tested in full on at least a weekly basis** to ensure adequate battery life when the system is needed.

The main controller monitors the battery of all remote devices and when it detects that one of the units has a low battery it will beep and flash every three minutes.

It is recommended that all batteries are replaced at the same time every 12 months or sooner should the low battery warning occur.

In the event of a mains fail the A600WM has a PP3 battery backup, this is not intended for long term use.

Order codes for replacement batteries:

### Battery kits

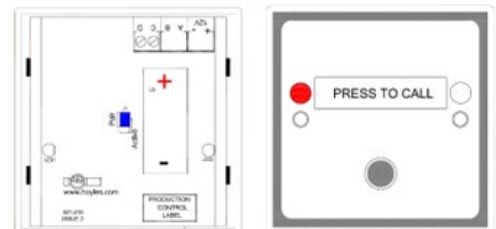
BATA600WB	2 x 3.6V D-Battery, 2 x 3V CR123 Batteries
BATA600WM	1 x 3.6V D-Battery, 1 x PP3 Battery, 2 x 3V CR123 Batteries

### Individual batteries

BATD36	3.6V D-Battery
BATCR123	3V CR123 Battery
BATPP3ALK	PP3 Battery

## Additional Equipment

**S1705W** wireless call point - Compromises of a push button on a single gang plate that can activate the system in the same way as the **S1600-W** Pull Cord. To pair this unit with the system, follow the instructions for pairing the **S1708W** reset button.



**Dado Panic strip** can be added to the system, this can be connected to the CALL and COM terminals on the **A600WM**. This can also be a wireless device if it is connected to the **S1705W** using the C and D terminals.

**Please Note:** The **A600WB** is a wireless only system. If necessary and desired the **A600WM** can use a combination of wired and wireless devices.