Wireless Aidalarm Kit (May 2025)

Models: A600WKITB, A600WKITM

The Aidalarm is a BS8300-compliant wireless disabled toilet alarm system. Each kit includes a Main Controller (A600WB or A600WM), Pull Cord (S1600-W), Reset Button (S1708W), and Overdoor Light/Sounder (S1778W).

Main Controller (A600WB / A600WM)
Install where staff can respond to calls.

- A600WM: 230V AC with PP3 battery backup
- A600WB: 1 x 3.6V D battery
- Provides a relay output in alarm

- Recommended max range: 20m (environment dependent)
- Supports up to 8 devices total (incl. kit parts)

Pull Cord (S1600-W)
Install in the WC or assistance area.

- Lower bangle: 100mm from floor
- Upper bangle: 800–1000mm from floor
- Battery: 1 x CR123

Reset Button (S1708W)
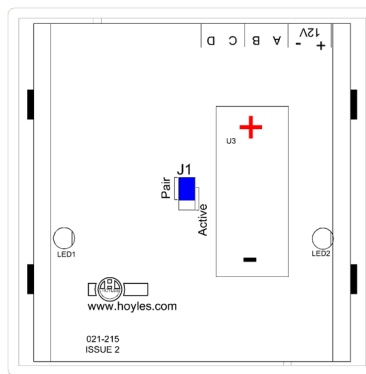Install near the call point.

- Height: bottom edge 800–1000mm from floor
- Min. 350mm from any corner
- Battery: 1 x CR123

Overdoor Light/Sounder (S1778W)
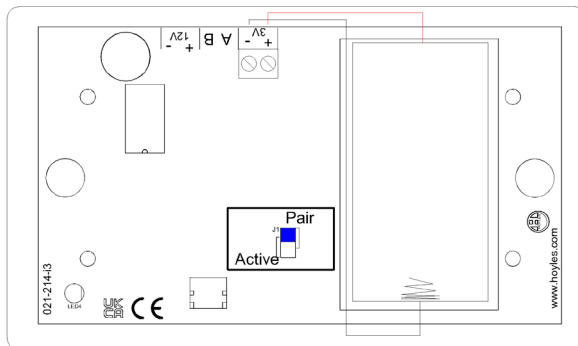Mount outside, above WC door.

- Battery: 1 x 3.6V D

A600W controller

S1708W Reset Button

S1600-W Pull Cord

S1778W Overdoor Indicator

Operation

Insert batteries carefully — incorrect polarity will damage the unit.

When a call is made:

- The call point LED will flash.

- The Aidalarm controller will activate with **audible and visual alerts**.

- The Overdoor Light/Sounder will also activate.

To **silence** the alarm, press the button in the centre of the controller's LEDs.

Note: This silences sound but visual indicators remain active.

To **reset**, use the Reset Button (S1708W) at the point of call.
If not reset, the controller will beep once every minute as a **reminder of non-attendance**.

There may be slight delays between devices due to power-saving features.

Battery Monitoring & Testing

- Each device sends battery status to the controller when activated.

- **Test the full system weekly** to ensure reliable operation and battery health.

- If a low battery is detected, the controller will **beep and flash every 3 minutes**.

- **Replace all batteries every 12 months**, or sooner if warnings occur.

Note: In the event of mains failure, the A600WM uses a **PP3 battery backup**—not intended for long-term operation

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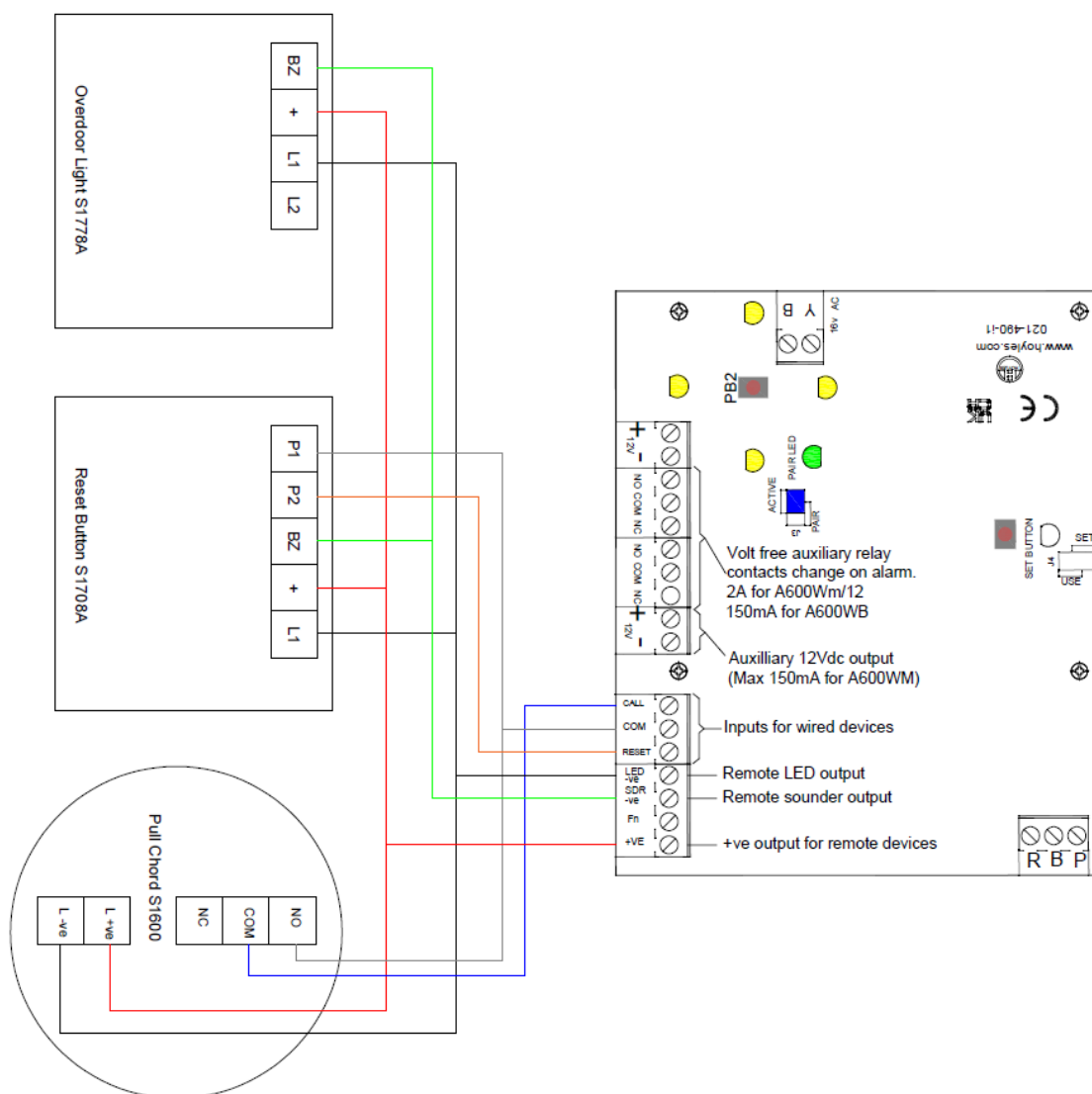|	
BATD36	3.6V D-Battery
BATCR123	3V CR123 Battery
BATPP3ALK	PP3 Battery

Adding Additional Wireless Device
To pair a new wireless device with the controller:
1. **Power off the controller.**
    - Place the jumper on the **PAIR** position on the controller PCB.
    - Re-apply power — the **PAIR LED** should begin flashing.
2. **Prepare the new device:**
    - With **power off**, set the jumper to **ACTIVE**.
    - Apply power.
        - If pairing a **Pull Cord**, pull the cord stalk.
        - If pairing a **Reset Button**, press the button.
        - If pairing overdoor indicator just applying power will enter pair mode.
3. The new device's LED will flash **rapidly** during pairing.
4. When pairing is complete, the LED will flash **slowly**, then turn extinguish.
5. On the controller, move the jumper to **ACTIVE** — the Pair LED will extinguish.

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 2 be 1mm twin and earth from a suitable 3A fused spur.

Overdoor Light S1778A
BZ | + | L1 | L2

Reset Button S1708A
P1 | P2 | BZ | + | L1

Pull Chord S1600
L -ve | L +ve | NC | COM | NO

Controller board markings:
- 021-490-11
- www.hoyles.com
- Y B 16v AC
- PB2
- PAIR LED
- ACTIVE
- EP PAIR
- SET BUTTON
- SET USE
- +12V
- NO COM NC
- NO COM NC
- +12V
- Volt free auxiliary relay contacts change on alarm. 2A for A600Wm/12 150mA for A600WB
- Auxilliary 12Vdc output (Max 150mA for A600WM)
- CALL / COM / RESET — Inputs for wired devices
- LED -ve — Remote LED output
- SDR -ve — Remote sounder output
- Fn
- +VE — +ve output for remote devices
- R B P

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.

PRESS TO CALL