

# AIDALARM A600P Pool Alarm Control Panel

## Installation and Operation Summary

Use the A600P with latching poolside call points such as the WRP-B-11. Install it at a staffed location. It provides local audible and visual indication and can operate a remote sounder/beacon with silence button where fitted.

**Installation:** Mount panel, complete field wiring to the drawing, set S1 as required, power up, then test.

## 1. Operation

- Call point operated: alarm starts immediately.
- Unsilenced alarm: panel sounder, remote sounder output and relay operate.
- Call and remote/top indicators turn on at alarm start and stay on until reset.
- Press the local or remote silence button to silence sounders; visual indications stay on.
- While silenced, a reminder beep sounds about every 60 seconds until cleared.
- For latching call points, the alarm clears automatically when the call point is reset.

## 2. Call Types

Condition	Controller behaviour	Reset method
Call active for 5 seconds or more	Treated as a latching call. The alarm can be silenced, but it cannot be reset while the call point is still active.	Reset the call point. The controller clears automatically when the input clears.
Call active for less than 5 seconds	Treated as a momentary call. The alarm stays active after the call input clears.	Press the reset input/button or hold the silence button for 5 seconds.

## 3. Indications

Condition	Audible indication	Visual indication
Normal / idle	None	All controller-driven indicators off. On mains-powered versions, the separate mains-present LED should be on.
Alarm active, not silenced	Controller sounder and remote sounder active. Relay energised.	Call indicator and remote/top indicator on. The four front LEDs alternate in pairs: LED1 + LED4, then LED2 + LED3.
Alarm silenced	Sounders off, except for a reminder beep about every 60 seconds. Relay de-energised.	Call indicator and remote/top indicator stay on. All four front LEDs are on steady.
Mains fail only	Local double beep about every 3 minutes.	LED2 + LED3 give a brief double flash with the beep. Local indication only.
Low battery	Local triple beep about every 3 minutes.	LED1 + LED4 flash with the triple beep. Local indication only.

## 4. Setup

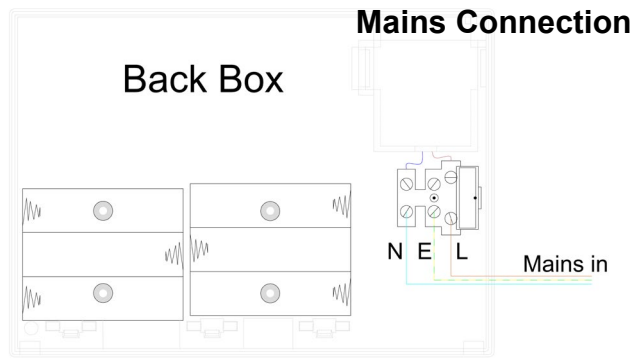
Battery fault monitoring can be enabled or disabled using switch S1 on the PCB.

S1 setting	Function
S1 high / open	Battery fault monitoring enabled. This is the normal setting when batteries are fitted.
S1 low / switched to common	Battery fault monitoring disabled. Use only when batteries are not fitted or monitoring is not required.

Switches S2 and S3 are spare for future options.

**Notes:** Alarm indication takes priority over fault warnings. Fault warnings are local to the panel only and do not operate the remote sounder, indicator or relay.

- Fault warnings are local to the control panel only. They do not operate the remote sounder, remote/top indicator, call indicator or relay.



### Controller Wiring

