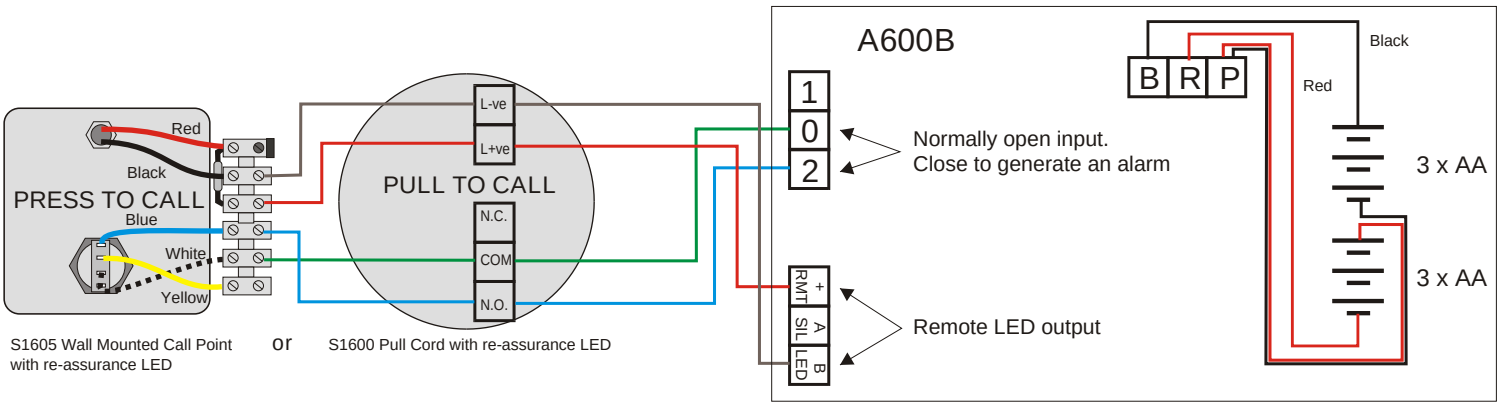
Battery Powered AIDALARM A600B

This is designed for use with an (S1600) pull cord/led indicator or an (S1605P or S) wall mounted call button/led indicator. The only addition to this can be an (S1608P or S) remote reset button. If the remote reset button is used, then the panel pushbutton must be converted into a mute button by cutting the DISABLE UNIT RESET diode near the top left corner of the A600B printed circuit board.

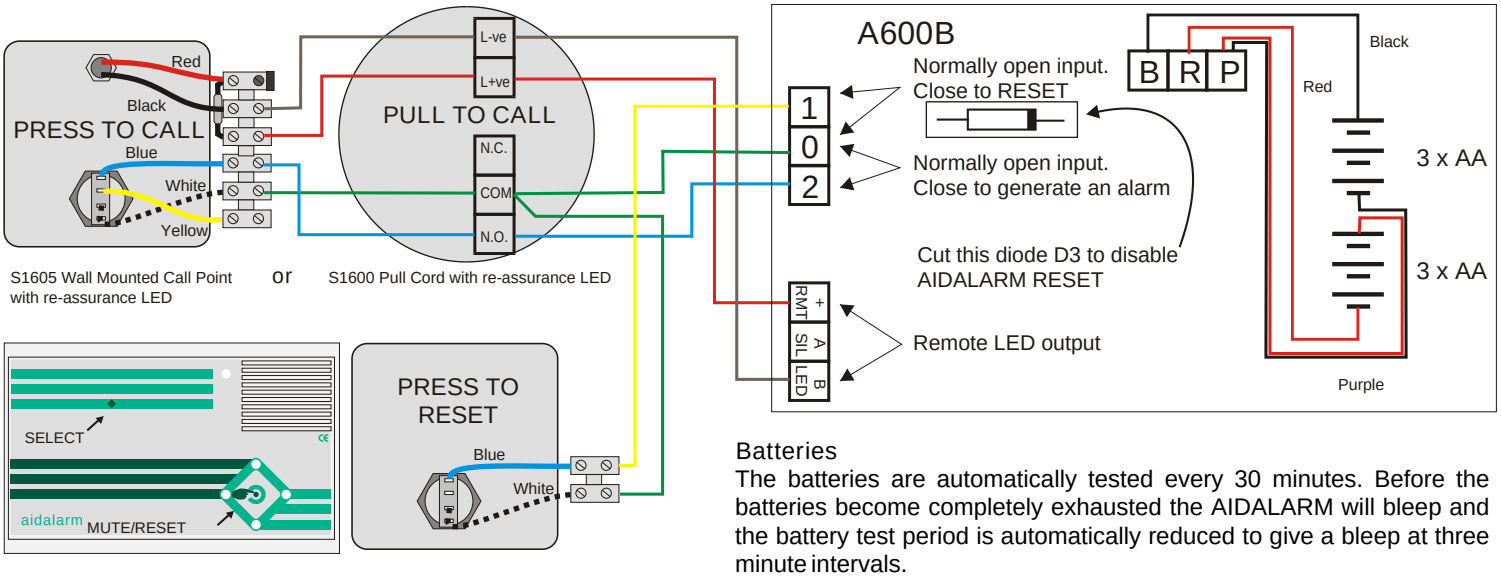
Operation (No external reset button)

Normally there are no indications audible or visual. Pulling a pull cord or pressing a call button will cause the AIDALRM to trip illuminating the front panel LEDs in a rotating manner and sounding the integral sounder. The remote LED output will pulse -ve with respect to +ve. Pressing the button at the centre of the four LEDs will mute and reset the AIDALARM. All LEDs (AIDALARM and pull cord) will be extinguished.



Operation (With external reset button, normally sited at or near the point of calling)

Normally there are no indications audible or visual. Pulling a pull cord or pressing a call button will cause the AIDALRM to trip illuminating the front panel LEDs in a rotating manner and sounding the integral sounder. The remote LED output will pulse -ve with respect to +ve. Pressing the button at the centre of the four LEDs will mute the AIDALARM. However, the top LED of the diamond will flash and the integral sounder bleep every 50 seconds as a late attendance signal. The remote LED on the pull cord will change to a steady indication as re-assurance. Pressing the remote reset button will completely silence the AIDALARM and extinguish all LEDs (AIDALARM and pull cord).



Batteries

The batteries are automatically tested every 30 minutes. Before the batteries become completely exhausted the AIDALARM will bleep and the battery test period is automatically reduced to give a bleep at three minute intervals.

The batteries can be tested at any time by holding down the AIDALARM (MUTE/RESET) button. After approximately 1 second the LEDs in the diamond will indicate the status of the batteries. Four LEDs indicates healthy batteries, three LEDs indicates part used but useable batteries and one LED indicates that batteries are low and are due for changing.

Tone Change

To change the tone, press the select button (the small diamond towards the top of the AIDALARM). This will illuminate an LED. The LED position indicates the volume of the tone, the top LED of the diamond being loudest and the bottom LED being quietest. The LEDs will remain illuminated for two seconds after the button has been pressed. If the select button is pressed during this time the unit will move onto the next tone, illuminating its LED for two seconds. If the button is not pressed within this time, then a five second example of the tone is played with the LEDs rotating. This cannot be stopped! At the end of this short example tone, the tone LED will illuminate for two seconds again giving the opportunity to change the tone by pressing the select pushbutton. If the select button is not pressed within this two second window then the tone that has just played is the selected tone and it is stored in Non Volatile Memory and will remain even if power is lost.

A mains powered version of the AIDALARM is also available (A600M). This is designed to create a more comprehensive system with the addition of remote reset buttons, remote indicators with separate LED and sounder controls, remote mute and facilities to connect a MULTIGUARD indicator, BMS systems or remote monitoring systems. Visit our website www.hoyles.com for more details.

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