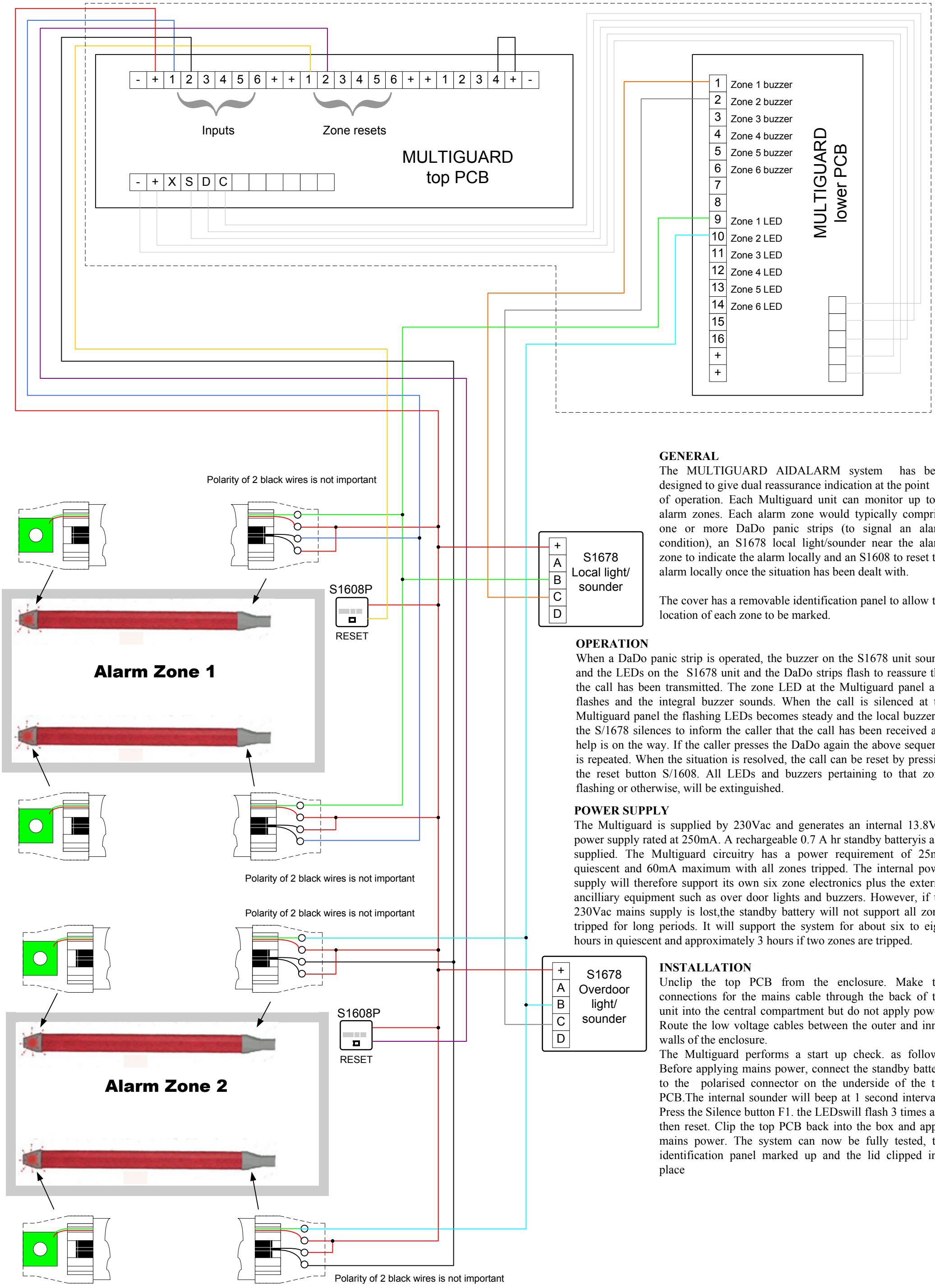
DaDo with Multiguard wiring - General



GENERAL

The MULTIGUARD AIDALARM system has been designed to give dual reassurance indication at the point of operation. Each Multiguard unit can monitor up to 6 alarm zones. Each alarm zone would typically comprise one or more DaDo panic strips (to signal an alarm condition), an S1678 local light/sounder near the alarm zone to indicate the alarm locally and an S1608 to reset the alarm locally once the situation has been dealt with.

The cover has a removable identification panel to allow the location of each zone to be marked.

OPERATION

When a DaDo panic strip is operated, the buzzer on the S1678 unit sounds and the LEDs on the S1678 unit and the DaDo strips flash to reassure that the call has been transmitted. The zone LED at the Multiguard panel also flashes and the integral buzzer sounds. When the call is silenced at the Multiguard panel the flashing LEDs becomes steady and the local buzzer in the S/1678 silences to inform the caller that the call has been received and help is on the way. If the caller presses the DaDo again the above sequence is repeated. When the situation is resolved, the call can be reset by pressing the reset button S/1608. All LEDs and buzzers pertaining to that zone, flashing or otherwise, will be extinguished.

POWER SUPPLY

The Multiguard is supplied by 230Vac and generates an internal 13.8Vdc power supply rated at 250mA. A rechargeable 0.7 A hr standby batteryis also supplied. The Multiguard circuitry has a power requirement of 25mA quiescent and 60mA maximum with all zones tripped. The internal power supply will therefore support its own six zone electronics plus the external ancilliary equipment such as over door lights and buzzers. However, if the 230Vac mains supply is lost,the standby battery will not support all zones tripped for long periods. It will support the system for about six to eight hours in quiescent and approximately 3 hours if two zones are tripped.

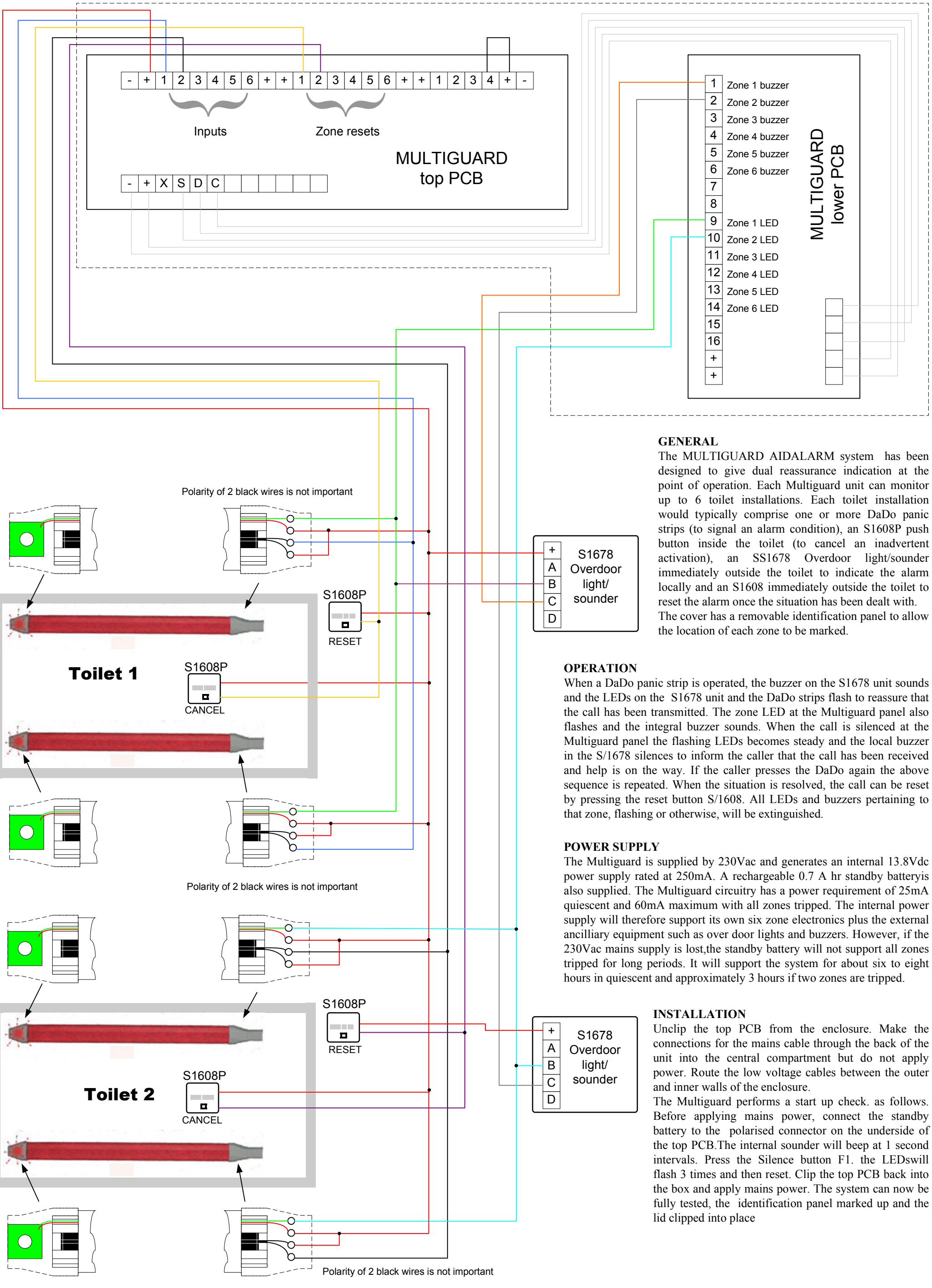
INSTALLATION

Unclip the top PCB from the enclosure. Make the connections for the mains cable through the back of the unit into the central compartment but do not apply power. Route the low voltage cables between the outer and inner walls of the enclosure.

The Multiguard performs a start up check. as follows. Before applying mains power, connect the standby battery to the polarised connector on the underside of the top PCB.The internal sounder will beep at 1 second intervals. Press the Silence button F1. the LEDswill flash 3 times and then reset. Clip the top PCB back into the box and apply mains power. The system can now be fully tested, the identification panel marked up and the lid clipped into place

Tapeswitch Ltd. E-mail: Info@tapeswitch.co.uk **Web:** www.tapeswitch.co.uk

DaDo with Multiguard wiring - disabled toilets



GENERAL

The MULTIGUARD AIDALARM system has been designed to give dual reassurance indication at the point of operation. Each Multiguard unit can monitor up to 6 toilet installations. Each toilet installation would typically comprise one or more DaDo panic strips (to signal an alarm condition), an S1608P push button inside the toilet (to cancel an inadvertent activation), an SS1678 Overdoor light/sounder immediately outside the toilet to indicate the alarm locally and an S1608 immediately outside the toilet to reset the alarm once the situation has been dealt with.
The cover has a removable identification panel to allow the location of each zone to be marked.

OPERATION

When a DaDo panic strip is operated, the buzzer on the S1678 unit sounds and the LEDs on the S1678 unit and the DaDo strips flash to reassure that the call has been transmitted. The zone LED at the Multiguard panel also flashes and the integral buzzer sounds. When the call is silenced at the Multiguard panel the flashing LEDs becomes steady and the local buzzer in the S/1678 silences to inform the caller that the call has been received and help is on the way. If the caller presses the DaDo again the above sequence is repeated. When the situation is resolved, the call can be reset by pressing the reset button S/1608. All LEDs and buzzers pertaining to that zone, flashing or otherwise, will be extinguished.

POWER SUPPLY

The Multiguard is supplied by 230Vac and generates an internal 13.8Vdc power supply rated at 250mA. A rechargeable 0.7 A hr standby batteryis also supplied. The Multiguard circuitry has a power requirement of 25mA quiescent and 60mA maximum with all zones tripped. The internal power supply will therefore support its own six zone electronics plus the external ancilliary equipment such as over door lights and buzzers. However, if the 230Vac mains supply is lost,the standby battery will not support all zones tripped for long periods. It will support the system for about six to eight hours in quiescent and approximately 3 hours if two zones are tripped.

INSTALLATION

Unclip the top PCB from the enclosure. Make the connections for the mains cable through the back of the unit into the central compartment but do not apply power. Route the low voltage cables between the outer and inner walls of the enclosure.
The Multiguard performs a start up check. as follows. Before applying mains power, connect the standby battery to the polarised connector on the underside of the top PCB.The internal sounder will beep at 1 second intervals. Press the Silence button F1. the LEDswill flash 3 times and then reset. Clip the top PCB back into the box and apply mains power. The system can now be fully tested, the identification panel marked up and the lid clipped into place

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