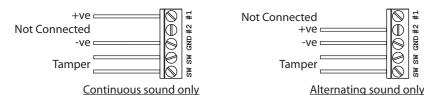
Connection Examples

Sounder Mode

#1 = Continuous Sound +ve #2 = Alternating Sound +ve GND = Common -ve

 $SW \times 2 = Lid$ and mounting surface tamper.



Speaker Mode



Specifications

Sounder Technical

Nominal Voltage: 12 volts DC
Voltage range: 9-15 volts DC
Sounder Type: Tone (Piezo)

Sound output level: 110 dB (A) @ 1 metre
Continuous Sound only current: 103mA @ 12volts dc
Alternating Sound only current: 85mA @ 12volts dc
Temperature Range: -15° C to +40° C

EN50131-1:2006 + A1:2009: Security Grade 3 Environmental Class II

EN50131-4:2009 Warning device type: Internal Remotely Powered

Speaker Technical

Nominal Impedance: Better than 16 ohms Speaker Type: Tone (Piezo)

* sound output level: >100 dB (A) @ 1 metre

Tamper Detection

Lid and mounting surface removal.

Housing

Base Material: ABS Lid Material: ABS

Dimension (mm): 115mm x 115mm x 32mm

Environmental Advice

This product is covered by current WEEE regulations. Please consider the effect on the environment when disposing of it. Do not put in a domestic waste bin. Only dispose of at an appointed recycling centre.



SOSP/ALTO/WH/G Combined Internal Sounder and Extension Speaker

Low profile design.

110dB sound output.

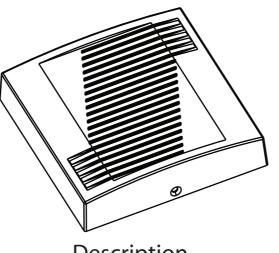
Connect either as a sounder or speaker Selectable alternating or continuous tone.

Low current consumption.

High Impedance allowing multiple speakers to be used.

Tamper protected lid and mounting.

Operating and Installation Instructions



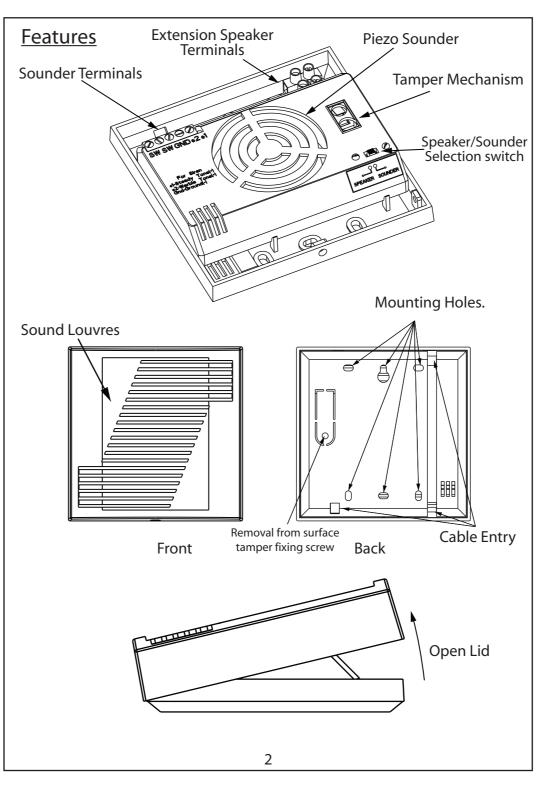
<u>Description</u>

This remotely powered internal sounder can be installed in security systems up to and including Grade 3 Environmental class II in accordance with EN50131:2006 + A1:2009. It complies to EN50131-4:2009. The warning device gives an audible signal of alarm activation. The sound output is selectable for either alternating or continuous tone. Additionally it can be selected to be used as an unpowered extension speaker. It is also protected against tampering by means of lid removal and removal from the mounting surface.

CQR Security. 125, Pasture Road, Moreton, Wirral. CH46 4TH, United Kingdom

Tel: +44 (0) 151 606 9595 Support: +44 (0) 151 606 6311 email: info@cqr.co.uk Web http://www.cqr.co.uk

SOSP/ALTO/WH/G Issue 02

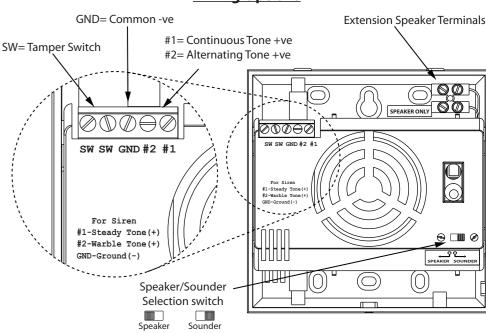


Mounting Instructions

Identify a suitable mounting location for the sounder on a flat surface. To remove the lid, unscrew the retaining screw on the front face, grip both sides and hinge the lid up as shown opposite. Using the sounder as a template, mark the fixing points on the surface of the selected location. Drill 4 x 5mm holes for the enclosed wall plugs, insert the wall plugs into the holes, feed the cable through the cable entry point on the sounder and using the enclosed screws, fix the sounder to the selected location.

Please note in order for the sounders tamper protection to detect unauthorised removal from the mounting surface, the tamper fixing screw hole must be used, do not overtighten this screw as this is a one time operation and if broken or damaged the sounder will need to be replaced.

Wiring Options



There are two ways in which this unit can be used. Either as a 12 volt powered sounder or as an unpowered extension speaker. In either mode the tamper circuit should be wired seperately to the SW connections.

- 1. To use as a powered sounder either as an alternating or continuous sound, ensure the switch is in the apropriate position and connect a negative from the control panel to the common negative terminal (GND) and connect a positive trigger to the appropriate positive terminal (#1 or #2). To stop the sound, remove the positive or negative supply.
- 2. To use as an extension speaker, ensure the switch is in the apropriate position and connect two wires from the speaker terminals indicated to the control panel. Depending on the control panel, it is possible to wire multiple units in parallel to more locations. In this scenario the SW connections should be wired in series.

3