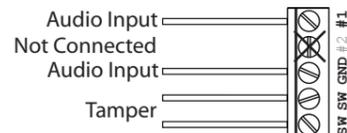


Connection Examples

#1 = Audio Input
 #2 = Not used on this model
 GND = Audio Input
 SW x 2 = Lid and mounting surface tamper.



Specifications

Technical

Nominal Impedance: Better than 16 ohms
 Speaker Type: Tone (Piezo)
 *Sound output level : >100 dB (A) @ 1 metre
 Temperature Range: -15° C to +40° C
 * Control panel dependant

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.



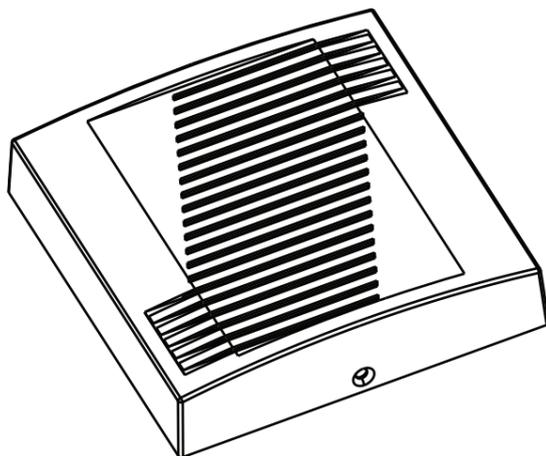
RoHS compliant.

SP/ALTO/WH Extension Speaker

Low profile design
 Tamper protected lid and mounting.
 Dynamic piezo technology.
 High Impedance allowing multiple speakers to be used.
 Does not require any 12volt power supply.



Operating and Installation Instructions

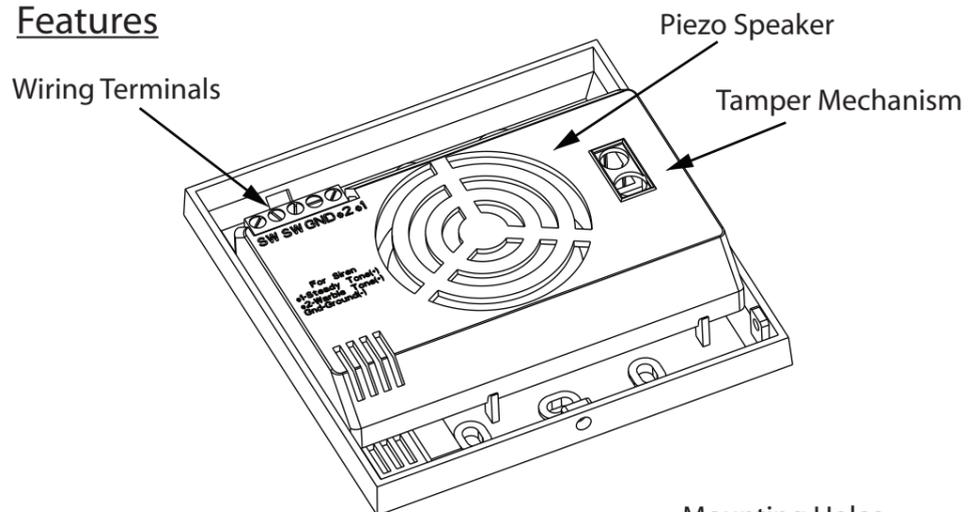


Description

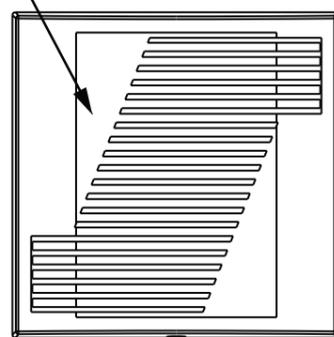
This extension speaker is intended to be used with security alarm systems, to give an audible signal that the alarm system has been activated. The unit features a dynamic piezo speaker for audible indication. It does not require any 12 volt power source. It is also protected against tampering by means 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

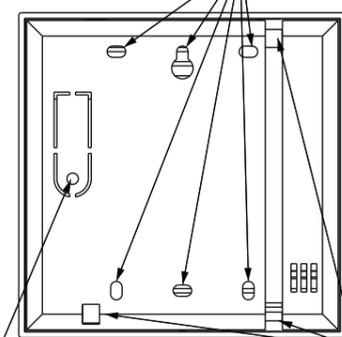
Features



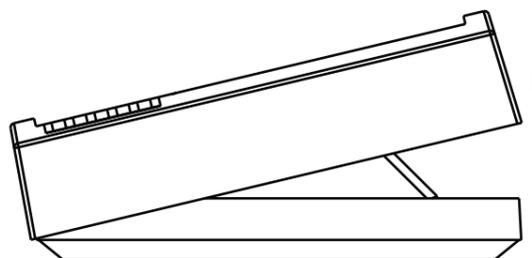
Sound Louvres



Front



Removal from surface
 tamper fixing screw Back Cable Entry

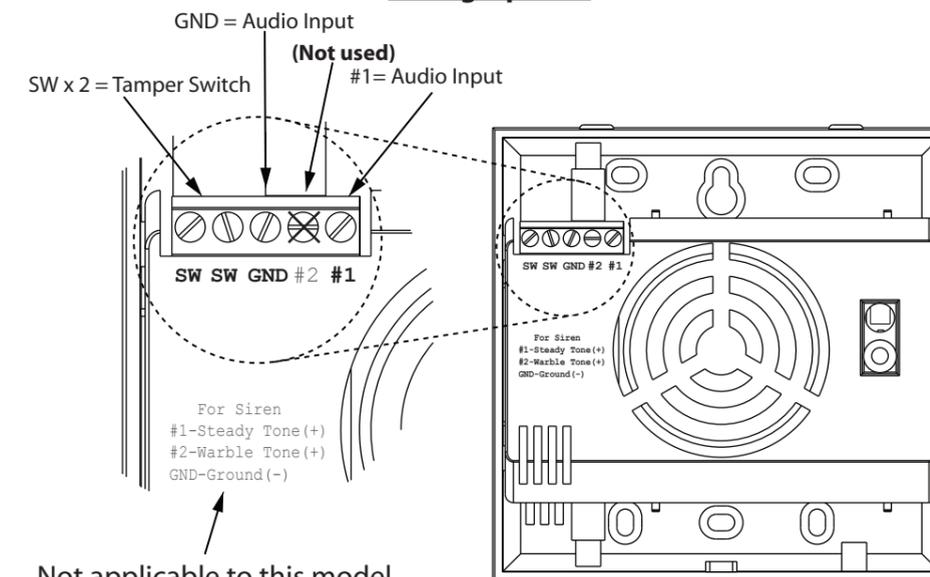


Open Lid

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



Not applicable to this model.

Although there are five terminals available only four are applicable to this model. Connect the audio input from the control panel to the GND and #1 terminals. Polarity is not important. If required, the tamper input should be connected to both SW terminals. Because of the high impedance and if required, multiple speakers can be connected in parallel. The number would be dependant on the control panel being used, please refer the manufacturer's instruction manual for more detail. The tamper connections should always be in series.