

CQR | INTERNAL SOUNDERS & SPEAKERS



Aesthetically pleasing designs

CQR sounders are compatible with
all major alarm control panels

Choice of speaker, piezo
or horn types

www.cqr.co.uk



INNOVATIVE SOLUTIONS

CQR | INTERNAL SOUNDERS & SPEAKERS



CQR is one of the major manufacturers of security products in the UK, and as a leading supplier to the European security industry, has consistently been at the forefront of traditional and new product development since opening for business way back in the early eighties.

The CQR brand is recognised worldwide and has become synonymous with quality and reliability. CQR branded products are all designed with ease of installation and use in mind and meet many product standards worldwide, including also full compliance to ISO 9001:2000.



Now part of the OSL Group, CQR continues to bring new products to market, backed up by a sales and support service, we believe is second to none.

This Technical Data Sheet reflects our 'modern' approach to our industry and provides you with all the information you need on this section of our extensive range.

All CQR's Internal Speakers & Sounders are designed for Consistency, Quality and Reliability. Their proven track record over many years means they can be fitted as part of any installation with confidence, ensuring that top quality, reliable products are consistent throughout the system.

The useful 'at a glance' tables on the back of this leaflet gives you all the performance data you need to choose the right component for the job.

All of CQR Internal Speakers and Sounders are available from a wide range of specialist security Distributors who, together with our own technical back up, provide an excellent after-sales service as and when required.

However, should you require further information on any product in this leaflet, please give our Technical Support Team a call on +44(0)151 606 6311.



SOINT



A sleek white low profile louvre-free housing containing just a speaker (SOINT1), or a sounder SOINT2, that will blend discreetly into any surrounding setting.

OPTIONS:
 SOINT 1/EC 16 OHM SPEAKER
 SOINT 1/16/WH 16 OHM SPEAKER, TAMPERED
 SOINT 1/8/WH 8 OHM SPEAKER, TAMPERED
 SOINT 2/WH ELECTRONICALLY DRIVEN SPEAKER WITH SELECTABLE SOUND OUTPUT AND LED INDICATION

SOINT2 HI-LO



The same low profile housing containing a multi tone sounder, with separate inputs for exit time and alarm sound.

OPTIONS:
 SOINT 2/WH/HI-LO 110dB(A) 300mA, TAMPERED

SOMACH



An attractive louvre-effect internal sounder whose two-piece housing clips together and is also available as either a speaker SOMACH1 or sounder SOMACH2.

OPTIONS:
 SOMACH1/WH/16 16 OHM SPEAKER
 SOMACH1/WH/16/T 16 OHM SPEAKER, TAMPERED
 SOMACH 1/WH/8 8 OHM SPEAKER
 SOMACH1/WH/8/T 8 OHM SPEAKER, TAMPERED
 SOMACH2/WH ELECTRONICALLY DRIVEN SPEAKER WITH HI-WARBLE 110dB(A) SOUND OUTPUT

INTRA



A fully functional sounder and strobe in miniature form which may be used internally and externally. It contains a 6V rechargeable battery and 20 minute cut-off timer.

AVAILABLE COLOURS:
LENS COLOURS:



CODE:
 BCINTRA/W/COLOUR OF LENS

PIEZO SOUNDERS

A range of piezo electronic sounders which allow you to select the right unit according to size, sounder output and current drain requirements. The Omega includes a separate strobe input plus tamper.



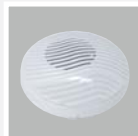
SOSB1



SOSB2



SO401/WH



OMEGA

HORN SOUNDERS

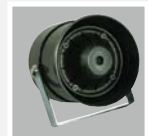
A range of horn sounders with different sound outputs and current consumption, suitable for use in internal and external applications



SO812



SO812/1C



SO6012

BUZZERS

A range of electro mechanical and piezo buzzers, miniature in size, suitable for numerous applications.



BZ35/LS



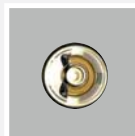
BZ27/LS



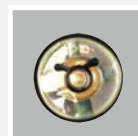
BZ722

SPEAKERS

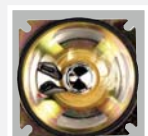
A range of mylar cone loudspeakers in three different diameter sizes for use in alarm and other applications.



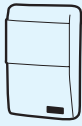
SO50M2



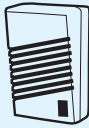
SO66M



SO85M



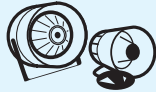
SOINT & SOINT2 HI-LO
W: 100mm H: 155mm D: 48mm



SOMACH
W: 100mm H: 160mm D: 70mm



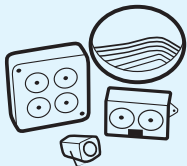
INTRA
W: 112mm H: 175mm D: 50mm



HORN SOUNDERS



BUZZERS



PIEZO SOUNDERS



SPEAKERS



CQR Security
125 Pasture Road, Moreton, Wirral
United Kingdom, CH46 4TH
Tel: +44(0)151 606 1000
Fax: +44(0)151 606 1122
Email: info@cqr.co.uk
www.cqr.co.uk

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ORDER OF SECURITY

INTERNAL SOUNDERS AT A GLANCE

| | SoInt EC | SoInt1 | SoInt2 | SoInt Hi-Lo | Somach1 | Somach2 | Intra |
|--------------------------|----------------|-----------------|----------------|--------------------------|------------------|----------------|---------------------------------|
| Sounder type | 16 ohm speaker | 8/16ohm speaker | 16 ohm speaker | 16 ohm speaker | 8/16 ohm speaker | 16 ohm speaker | Single piezo |
| Voltage | N/A | N/A | 6-15vdc | 12-15 vdc | N/A | 6-15 vdc | 12-15 vdc |
| Current | N/A | N/A | 250mA | 300mA - Hi 33 mA - Lo | N/A | 240 mA | 240 mA sounder 120 mA Strobe |
| Sound output dB(A) at 1m | N/A | N/A | 110 | 110 - Hi 90 - Lo | N/A | 110 | 115 |
| Frequency range | N/A | N/A | 1.2 - 1.8 kHz | 1.2 - 1.8 kHz | N/A | 0.6 - 1.2 kHz | 1.6 - 2.2 kHz |
| Timer | N/A | N/A | N/A | N/A | N/A | N/A | 20min |
| Tamper protection | N/A | Wall/cover | Wall/cover | Wall/cover | Optional | Wall/cover | Wall/cover |
| Material | ABS | ABS | ABS | ABS | ABS | ABS | Polycarbonate |
| Visual indication | N/A | N/A | LED | LED | N/A | N/A | Strobe |
| SAB | N/A | N/A | N/A | N/A | N/A | N/A | Yes |

HORN SOUNDERS AT A GLANCE

| | SO6012 | SO812 | SO812/1C |
|--------------------------|---------------------------|-----------------------|-----------------------|
| Voltage | 6-15 vdc | 6-15 vdc | 6-15 vdc |
| Current | 1.5A | 300mA | 650mA |
| Sound output dB(A) at 1m | 130 | 118 | 122 |
| Frequency range | 1.7 - 2.4kHz | 0.6 1.2kHz | 0.8 - 1.7kHz |
| Material | ABS | ABS | ABS |
| Weight | 1100gm | 432gm | 440gm |
| Size mm | 127 x 100 Horn Dia 115 | 83x 96 Horn Dia 83 | 83x 96 Horn Dia 83 |

BUZZERS AT A GLANCE

| | BZ35/LS | BZ27/LS | BZ722 |
|--------------------------|-------------|-------------|--------------|
| Voltage | 3-24 vdc | 3-24 vdc | 9-15 vdc |
| Current | 15 mA | 12mA | 25mA |
| Sound output dB(A) at 1m | 100 | 75 | 75 |
| Frequency range | 3.3kHz | 2.6kHz | 400Hz |
| Material | ABS | ABS | ABS |
| Size mm | 26 x 39 Dia | 14 x 32 Dia | 23 x 17 x 27 |

SPEAKERS AT A GLANCE

| | SO50M2 | SO66M | SO85M |
|-----------------|----------------|----------------|----------|
| OHM | 8 | 8 | 8/16 |
| Max power (W) | 2 | 3 | 12 |
| Frequency range | 3kHz | 4.5kHz | 5kHz |
| Material | Mylar | Mylar | Mylar |
| Size mm | 50 Dia x 20 | 66 Dia x 20 | 87x87x35 |

PIEZO SOUNDERS AT A GLANCE

| | SOSB1 | SOSB2 | SO401 | Omega |
|--------------------------|--------------|------------|--------------|---------------|
| Voltage | 6-15 vdc | 6-15 vdc | 6-15 vdc | 12 vdc |
| Sounder Current | 85mA | 190mA | 160mA | 120mA |
| Sound output dB(A) at 1m | 109 | 111 | 109 | 110/95 |
| Frequency range | 1.7 - 2.4kHz | 0.6 1.2kHz | 2.3 - 2.8kHz | 1.5 - 2.8 kHz |
| Strobe | N/A | N/A | N/A | Yes |
| Strobe Current | N/A | N/A | N/A | 120mA |
| Material | ABS | ABS | ABS | Polystyrene |
| Size mm | 115x55x33 | 106x106x34 | 60x45x40 | 133 Dia x 40 |

DATA SHEETS ALSO AVAILABLE:

- Cable & door loops
- Detection
- External sounders
- Emergency switches & accessories
- Freewave - wirefree system
- Hydrosure - fall detection for swimming pools & ponds



distributed by: