Introduction

Klaxon Signals manufactures the world’s largest range of sound signalling equipment and solutions for the European and worldwide market place.

Product Range

Klaxon’s extensive product range includes: electronic sounders; voice enhanced sounders; sirens; beacons; bells; and buzzers. These products can be used in a variety of applications and are categorised within Klaxon’s internal strategic business units: Fire; Industrial; Emergency Warning Systems. This brochure features products for industrial signalling applications.

Worldwide Distribution Network

Klaxon’s distribution network gives the benefit of experienced staff, both on a global and local basis, and are fully conversant with Klaxon’s visual and sound signalling equipment.

Commitment to quality and innovation

Working to ISO 9001, Klaxon’s manufacturing team has the latest production, testing and demonstration facilities, including PCB design and anechoic chambers to ensure the highest possible standards of manufacture and product quality. A continued product development programme, complemented by rigorous quality checks, gives customers the most up to date product offering available in today’s market.

Product Approvals

Legislation plays a key part in keeping sounders and safety systems up to date. For example, the Construction Products Directive (CPD) requires that fire system components sold in Europe have to comply with the relevant part of EN54.

Klaxon Signals is dedicated to continual third party testing and certification both in home and export markets.

Technical Manager

Klaxon Signals works alongside partner organisations and customers to ensure its products, and the installation of its products, are in line with LPCB, ISO9001, EN54, BS5839 and DDA requirements. Any organisation or individual wishing to discuss its, or Klaxon’s, obligations regarding new legislation may contact Klaxon’s technical team directly or visit www.klaxonsignals.com

www.klaxonsignals.com
Sounders

Range of sound outputs for various audible warning applications.
Sonos Sounder (DC)

A general purpose electronic sounder. Features the TimeSaver base where connections are made to the base during the initial wiring phase which results in faster and more reliable installation. The sounder head “twists and clicks” into the base on commissioning, avoiding the wiring and connection problems associated with traditional sounders.

Deep base units have weatherproof protection to IP65 and can be used in all locations both indoors and outdoors.

Sonos Sounder units are available in either red or white and with a choice of deep or shallow TimeSaver bases.

Features

- Wide voltage range
- Simple ‘First Fix’ installation
- 2 alarm stages
- 32 tones
- Tone and volume can be preset or adjusted off-base
- Weatherproof to IP65 (deep base units)
- Synchronised alarm tones
- Volume control - Typical 8dB

Specifications

<table>
<thead>
<tr>
<th>Combined Part No.</th>
<th>Base Part No.</th>
<th>Head Part No.</th>
<th>Colours</th>
<th>Audibility at 1m</th>
<th>Tones</th>
<th>Voltage</th>
<th>Current (tone dependent)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSS-0003</td>
<td>PSO-0001</td>
<td>PSS-0084</td>
<td>Red</td>
<td>Up to 106dB [A]</td>
<td>32</td>
<td>9-60V DC</td>
<td>4-41mA</td>
</tr>
<tr>
<td>PSS-0039</td>
<td>PSO-0006</td>
<td>PSS-0089</td>
<td>White</td>
<td>Up to 106dB [A]</td>
<td>32</td>
<td>9-60V DC</td>
<td>4-41mA</td>
</tr>
<tr>
<td>PSS-0020</td>
<td>PSO-0003</td>
<td>PSS-0084</td>
<td>Red</td>
<td>Up to 106dB [A]</td>
<td>32</td>
<td>9-60V DC</td>
<td>4-41mA</td>
</tr>
<tr>
<td>PSS-0050</td>
<td>PSO-0007</td>
<td>PSS-0089</td>
<td>White</td>
<td>Up to 106dB [A]</td>
<td>32</td>
<td>9-60V DC</td>
<td>4-41mA</td>
</tr>
</tbody>
</table>

Applications - Fire; security; industrial alarm

Specifications

- IP Rating: IP65 (deep base) IP21 (shallow base)
- Operating Temp: -25°C to +70°C
- Construction: Flame Retardant Polycarbonate
- Cable Entries: Deep Base: 2 x 20mm cable glands
- Weight: 0.22kg (shallow base) 0.25kg (deep base)
- Compliance: ENS4 3 Type A (shallow base) ENS4-3 Type B (deep base)
Sonos Sounder (AC)

A general purpose AC electronic sounder for industrial applications.

With a choice of 32 tones including all the major European standards, Sonos is suitable for use across Europe.

Sonos AC sounders are weatherproof to IP65 and can be used in all locations both indoors and outdoors.

Sonos sounder units are available in either red or white.

Features

- Dual Voltage 110V AC or 230V AC
- Up to 102 dB (A) @ 1 metre
- Weatherproof to IP65
- Synchronised alarm tones
- Volume control - 20dB

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Base</th>
<th>Colours</th>
<th>Audibility at 1m</th>
<th>Tones</th>
<th>Voltage</th>
<th>Current</th>
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</thead>
<tbody>
<tr>
<td>PSS-0060</td>
<td>deep base</td>
<td>Red</td>
<td>Up to 102dB (A)</td>
<td>32</td>
<td>110/230V AC</td>
<td>80mA</td>
</tr>
<tr>
<td>PSS-0063</td>
<td>deep base</td>
<td>White</td>
<td>Up to 102dB (A)</td>
<td>32</td>
<td>110/230V AC</td>
<td>80mA</td>
</tr>
</tbody>
</table>

Applications - Industrial alarm

Specifications

- IP Rating: IP65
- Operating Temp: -25°C to +55°C
- Construction: Flame Retardant Polycarbonate
- Cable Entries: 2 x 20mm cable glands
- Weight: 0.25kg
- Compliance: EN60950
Nexus Sounder (DC)

This high output sounder is designed for industrial applications. Connections are made to the base during the initial wiring phase which results in faster and more reliable installation. In addition, the head is fixed by quarter turn fasteners enabling faster installation and accurate seal compression for weatherproofing.

IP66 as standard means that Nexus can be installed in almost any location.

Features

- Three alarm stages
- First-fix, wire to base technology
- IP66 rated
- Volume control for greater flexibility - 20dB
- 64 tones

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Audibility at 1m</th>
<th>Tones</th>
<th>Voltage</th>
<th>Current (tone dependent)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNS-0001</td>
<td>Nexus 105</td>
<td>Up to 113dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>8-40mA</td>
</tr>
<tr>
<td>PNS-0013</td>
<td>Nexus 110</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>10-50mA</td>
</tr>
<tr>
<td>PNS-0005</td>
<td>Nexus 120</td>
<td>Up to 120dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>120-550mA</td>
</tr>
</tbody>
</table>

Applications - Fire alarm; conveyors; process control alarm; cranes; moving machinery; general signalling

Compliance: EN54-3 Type B

Weight: 105dB Sounder - 0.7kg; 110dB Sounder - 1.1Kg; 120dB Sounder - 1.8Kg

Part No. Description Audibility at 1m Tones Voltage Current (tone dependent)

PNS-0001 Nexus 105 Up to 113dB (A) 64 10-60V DC 8-40mA
PNS-0013 Nexus 110 Up to 116dB (A) 64 10-60V DC 10-50mA
PNS-0005 Nexus 120 Up to 120dB (A) 64 10-60V DC 120-550mA

Applications - Fire alarm; conveyors; process control alarm; cranes; moving machinery; general signalling

IP Rating: IP66  Operating Temp: -25°C to +70°C  Cable Entries: 5  Weight: 105dB Sounder - 0.7kg; 110dB Sounder - 1.1Kg; 120dB Sounder - 1.8Kg
Nexus Sounder (AC)

This high output sounder is designed for industrial applications.

Connections are made to the base during the initial wiring phase which results in faster and more reliable installation. In addition, the head is fixed by quarter turn fasteners avoiding the need to screw up four individual screws thus enabling faster installation and accurate seal compression for weatherproofing.

IP66 as standard means that Nexus can be installed in almost any location.

Features

- Three alarm stages (110dB & 120dB variants)
- First-fix, wire to base technology
- IP66 rated
- Volume control for greater flexibility - 20dB
- 64 tones
- Low voltage option

Applications - Conveyors; process control alarm; cranes; moving machinery; general signalling

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Audibility at 1m</th>
<th>Tones</th>
<th>Voltage</th>
<th>Current (tone dependent)</th>
</tr>
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<tbody>
<tr>
<td>PNS-0009</td>
<td>Nexus 105</td>
<td>Up to 113dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>40mA (max)</td>
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<tr>
<td>PNS-0018</td>
<td>Nexus 110</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>40mA (max)</td>
</tr>
<tr>
<td>PNS-0020</td>
<td>Nexus 110</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>24-48V AC</td>
<td>10-50mA</td>
</tr>
<tr>
<td>PNS-0011</td>
<td>Nexus 120</td>
<td>Up to 120dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>200mA (max)</td>
</tr>
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</table>

IP Rating: IP66  Operating Temp: -25°C to +55°C  Cable Entries: 5  Weight: 105dB Sounder - 0.7kg; 110dB Sounder - 1.1Kg; 120dB Sounder - 1.8Kg
Beacons

High efficiency LED and high output Xenon beacons for visual indication.
Sonos LED Beacon (DC)

A general purpose beacon. Features the TimeSaver base where connections are made to the base during the initial wiring phase which results in faster and more reliable installation. The beacon head ‘twists and clicks’ into the base on commissioning, avoiding the wiring and connection problems associated with traditional alarm devices.

Deep base units have weatherproof protection to IP65 and can be used in all locations both indoors and outdoors. The Sonos Beacon utilises a full faced, translucent case which provides a much larger lens area and a greater spread of light.

Sonos Beacon units have a deep or shallow red colour base as standard and are available with a red or amber lens.

Features

- High efficiency LED beacon consumes less than 5mA
- Simple ‘First Fix’ installation (no second fix wiring)
- Weatherproof to IP65 (deep base units)
- Synchronised flash

Lens Colour Options

![Lens Colour Options]

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Base</th>
<th>Colours</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSB-0009</td>
<td>Red shallow base</td>
<td>Red lens</td>
<td>17-60V DC</td>
<td>5mA</td>
</tr>
<tr>
<td>PSB-0026</td>
<td>Red shallow base</td>
<td>Amber lens</td>
<td>17-60V DC</td>
<td>5mA</td>
</tr>
<tr>
<td>PSB-0017</td>
<td>Red deep base</td>
<td>Red lens</td>
<td>17-60V DC</td>
<td>5mA</td>
</tr>
<tr>
<td>PSB-0031</td>
<td>Red deep base</td>
<td>Amber lens</td>
<td>17-60V DC</td>
<td>5mA</td>
</tr>
<tr>
<td>PSB-0042</td>
<td>White shallow base</td>
<td>Red LED</td>
<td>17-60V DC</td>
<td>5mA</td>
</tr>
<tr>
<td>PSB-0045</td>
<td>White deep base</td>
<td>Red LED</td>
<td>17-60V DC</td>
<td>5mA</td>
</tr>
<tr>
<td>PSB-0048</td>
<td>White shallow base</td>
<td>Red lens</td>
<td>17-60V DC</td>
<td>5mA</td>
</tr>
<tr>
<td>PSB-0050</td>
<td>White shallow base</td>
<td>Amber lens</td>
<td>17-60V DC</td>
<td>5mA</td>
</tr>
<tr>
<td>PSB-0042</td>
<td>White shallow base</td>
<td>Clear lens</td>
<td>17-60V DC</td>
<td>5mA</td>
</tr>
<tr>
<td>PSB-0035</td>
<td>White deep base</td>
<td>Red lens</td>
<td>17-60V DC</td>
<td>5mA</td>
</tr>
<tr>
<td>PSB-0036</td>
<td>White deep base</td>
<td>Amber lens</td>
<td>17-60V DC</td>
<td>5mA</td>
</tr>
<tr>
<td>PSB-0045</td>
<td>White deep base</td>
<td>Clear lens</td>
<td>17-60V DC</td>
<td>5mA</td>
</tr>
</tbody>
</table>

IP Rating: IP65 (deep base) | IP21 (shallow base)  
Operating Temp: -25°C to +70°C  
Construction: Flame Retardant Polycarbonate  
Cable Entries: 2 x 20mm cable glands (deep base)  
Weight: 0.22kg (shallow base) 0.25kg (deep base)
Sonos Xenon Beacon (5J)

A general purpose, high output xenon beacon designed for industrial applications.

Sonos xenon beacons are weatherproof to IP65 and can be used in all locations both indoors and outdoors.

The Sonos xenon beacon unit utilises a full faced, translucent case giving a much larger lens area. This results in a far greater light spread for more effective warning.

Features

- High output 5J xenon beacon
- 10-60V DC or 110/230V AC
- Simple ‘First Fix’ installation
- Weatherproof to IP65
- Synchronised flash (DC version)
- Single/double flash (DC version)
- No surge current

Lens Colour Options

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Base</th>
<th>Colours</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSB-0002</td>
<td>Red deep base</td>
<td>Red lens</td>
<td>110/230V AC</td>
<td>70mA</td>
</tr>
<tr>
<td>PSB-0004</td>
<td>Red deep base</td>
<td>Amber lens</td>
<td>110/230V AC</td>
<td>70mA</td>
</tr>
<tr>
<td>PSB-0038</td>
<td>Red deep base</td>
<td>Clear lens</td>
<td>110/230V AC</td>
<td>70mA</td>
</tr>
<tr>
<td>PSB-0054</td>
<td>Red deep base</td>
<td>Green lens</td>
<td>110/230V AC</td>
<td>70mA</td>
</tr>
<tr>
<td>PSB-0056</td>
<td>Red deep base</td>
<td>blue lens</td>
<td>110/230V AC</td>
<td>70mA</td>
</tr>
<tr>
<td>PSB-0033</td>
<td>White deep base</td>
<td>Red lens</td>
<td>110/230V AC</td>
<td>70mA</td>
</tr>
<tr>
<td>PSB-0034</td>
<td>White deep base</td>
<td>Amber lens</td>
<td>110/230V AC</td>
<td>70mA</td>
</tr>
<tr>
<td>PSB-0119</td>
<td>White deep base</td>
<td>Clear lens</td>
<td>110/230V AC</td>
<td>70mA</td>
</tr>
<tr>
<td>PSB-0120</td>
<td>White deep base</td>
<td>Blue lens</td>
<td>110/230V AC</td>
<td>70mA</td>
</tr>
<tr>
<td>PSB-0121</td>
<td>White deep base</td>
<td>Green lens</td>
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<td>70mA</td>
</tr>
<tr>
<td>PSB-0039</td>
<td>Red deep base</td>
<td>Red lens</td>
<td>10-60V DC</td>
<td>330mA/24V DC</td>
</tr>
<tr>
<td>PSB-0040</td>
<td>Red deep base</td>
<td>Amber lens</td>
<td>10-60V DC</td>
<td>330mA/24V DC</td>
</tr>
<tr>
<td>PSB-0041</td>
<td>Red deep base</td>
<td>clear lens</td>
<td>10-60V DC</td>
<td>330mA/24V DC</td>
</tr>
<tr>
<td>PSB-0055</td>
<td>Red deep base</td>
<td>green lens</td>
<td>10-60V DC</td>
<td>330mA/24V DC</td>
</tr>
<tr>
<td>PSB-0057</td>
<td>Red deep base</td>
<td>blue lens</td>
<td>10-60V DC</td>
<td>330mA/24V DC</td>
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IP Rating: IP65  Operating Temp: -25°C to +55°C  Construction: Flame Retardant Polycarbonate  Cable Entries: 2 x 20mm cable glands  Weight: 0.25kg
Flashguard LED Beacons

Flashguard weatherproof LED beacons are ideal visual indicators in a variety of applications.

All Flashguard beacons are fitted with a diffuser for greater visibility and spread of light. Two styles are available: Standard and Ultra Low Profile.

**Standard**: includes a terminal block and a 27mm deep base supplied with a seal and grommet.

**Ultra Low Profile**: comes complete with a screw and nylon wing nut and is supplied with mounting gasket and 40cm of cable.

A weatherproof cable connector is available to upgrade the product from IP65 rating to IP67.

**Features**
- Compact, ultra modern sleek appearance
- Long life LED design
- Ease of installation with first-fix option on standard models
- Weatherproof to IP67 (with cable connector)
- White, high quality polycarbonate housing
- Vandal-resistant safety locking mechanism
- Flashing or static indicators

**Lens Colour Options**

- Red
- Amber
- Clear
- Blue
- Green

**Specifications**

<table>
<thead>
<tr>
<th>Type and Style</th>
<th>Part No.</th>
<th>Voltage</th>
<th>Current</th>
<th>Static or Flashing</th>
<th>Flash Rate</th>
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</thead>
<tbody>
<tr>
<td>Standard QBS-0007</td>
<td>QBS-0008</td>
<td>110V AC</td>
<td>32mA</td>
<td>Static</td>
<td>N/A</td>
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<tr>
<td>Standard QBS-0012</td>
<td>QBS-0013</td>
<td>110V AC</td>
<td>32mA</td>
<td>Flashing</td>
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<tr>
<td>Standard QBS-0022</td>
<td>QBS-0023</td>
<td>230V AC</td>
<td>32mA</td>
<td>Static</td>
<td>N/A</td>
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<tr>
<td>Standard QBS-0027</td>
<td>QBS-0028</td>
<td>230V AC</td>
<td>32mA</td>
<td>Flashing</td>
<td>1Hz</td>
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<tr>
<td>Standard QBS-0050</td>
<td>QBS-0063</td>
<td>11/35V DC</td>
<td>50mA**</td>
<td>Static/Flashing*</td>
<td>1Hz</td>
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<tr>
<td>Ultra Low Profile QBS-0062</td>
<td>QBS-0064</td>
<td>11/35V DC</td>
<td>50mA**</td>
<td>Static/Flashing*</td>
<td>1Hz</td>
</tr>
</tbody>
</table>

*These units are user-configurable

**Clear, blue and green versions draw up to 100mA**

**IP Rating**: IP65 (Standard) IP67 (With cable connector)  
**Operating Temp**: -20ºC to +70ºC  
**Construction**: UV Stabilised Polycarbonate  
**Weight**: 0.14kg (Standard) 0.08kg (Ultra)
Flashguard Xenon Beacons

Flashguard weatherproof xenon beacons are ideal visual indicators in a variety of applications.

All Flashguard beacons are fitted with a diffuser for greater visibility and spread of light. Two styles are available, Standard and Ultra Low Profile.

Standard: includes a terminal block and a 27mm deep base supplied with a seal and grommet.

Ultra Low Profile: comes complete with a screw and nylon wing nut and is supplied with mounting gasket and 40cm of cable.

A weatherproof cable connector is available to upgrade the product from IP65 rating to IP67.

Features

- Compact, ultra modern sleek appearance
- Ease of installation with first-fix option on standard models
- Weatherproof to IP67 (with cable connector)
- White, high quality polycarbonate housing
- 12V and 24V DC options in one user-selectable unit
- Vandal-resistant safety locking mechanism

Specifications

<table>
<thead>
<tr>
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<td>QBS-0002</td>
<td>QBS-0003</td>
<td>QBS-0004</td>
<td>QBS-0005</td>
<td>QBS-0006</td>
<td>110V AC</td>
<td>3W</td>
<td>24mA</td>
<td>1Hz</td>
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<td>Xenon Standard</td>
<td>QBS-0017</td>
<td>QBS-0018</td>
<td>QBS-0019</td>
<td>QBS-0020</td>
<td>QBS-0021</td>
<td>230V AC</td>
<td>3W</td>
<td>15mA</td>
<td>1Hz</td>
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<td>Xenon Standard</td>
<td>QBS-0052</td>
<td>QBS-0054</td>
<td>QBS-0055</td>
<td>QBS-0056</td>
<td>QBS-0058</td>
<td>12/24V DC*</td>
<td>3W</td>
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<td>1Hz</td>
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<td>Xenon Standard</td>
<td>QBS-0038</td>
<td>QBS-0042</td>
<td>TKA-0126</td>
<td>QBS-0047</td>
<td>QBS-0050</td>
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<td>2W</td>
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<td>QBS-0035</td>
<td>QBS-0036</td>
<td>QBS-0037</td>
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<td>60mA/45mA</td>
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<td>QBS-0040</td>
<td>QBS-0044</td>
<td>QBS-0046</td>
<td>QBS-0049</td>
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<td>12/24V DC*</td>
<td>2W</td>
<td>115mA/70mA</td>
<td>1Hz</td>
</tr>
</tbody>
</table>

*These units are user-configurable

IP Rating: IP65 (Standard) IP67 (Ultra)  Operating Temp: -20°C to +40°C  Construction: UV Stabilised Polycarbonate
Weight: 0.14kg (Standard) 0.08kg (Ultra)
Combined sounder beacons for audio visual warning at the same point.
Sonos Sounder Beacon (DC)

A general purpose electronic sounder for fire, security and industrial applications; the Sonos Sounder Beacon is certified to EN54.

With the TimeSaver base, connections are made to the base during the initial wiring phase which results in faster and more reliable installation. The sounder head ‘twists and clicks’ into the base on commissioning, avoiding the wiring and connection problems associated with traditional sounders. With a choice of 32 tones including all the major international standards, the Sonos Sounder Beacon has universal acceptance.

Features

- Low current LED beacon
- Simple ‘First Fix’ installation
- Weatherproof to IP65 (deep base units)
- Choice of lens colours
- Sounder and beacon can be controlled separately
- Tone and volume can be preset or adjusted off-base - 20dB
- Separate connections for sounder & beacon

Lens Colour Options

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Base</th>
<th>Colours</th>
<th>Audibility at 1m</th>
<th>Tones</th>
<th>Voltage</th>
<th>Sounder Current</th>
<th>Beacon Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC-0002</td>
<td>Red shallow base</td>
<td>Red lens</td>
<td>Up to 106dB (A)</td>
<td>32</td>
<td>17-60V DC</td>
<td>4-45mA</td>
<td>5mA</td>
</tr>
<tr>
<td>PSC-0025</td>
<td>Red shallow base</td>
<td>Amber lens</td>
<td>Up to 106dB (A)</td>
<td>32</td>
<td>17-60V DC</td>
<td>4-45mA</td>
<td>5mA</td>
</tr>
<tr>
<td>PSC-0013</td>
<td>Red deep base</td>
<td>Red lens</td>
<td>Up to 106dB (A)</td>
<td>32</td>
<td>17-60V DC</td>
<td>4-45mA</td>
<td>5mA</td>
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<tr>
<td>PSC-0027</td>
<td>Red deep base</td>
<td>Amber lens</td>
<td>Up to 106dB (A)</td>
<td>32</td>
<td>17-60V DC</td>
<td>4-45mA</td>
<td>5mA</td>
</tr>
<tr>
<td>PSC-0035</td>
<td>White shallow base</td>
<td>Red lens</td>
<td>Up to 106dB (A)</td>
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<td>17-60V DC</td>
<td>4-45mA</td>
<td>5mA</td>
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<td>PSC-0040</td>
<td>White shallow base</td>
<td>Amber lens</td>
<td>Up to 106dB (A)</td>
<td>32</td>
<td>17-60V DC</td>
<td>4-45mA</td>
<td>5mA</td>
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<tr>
<td>PSC-0029</td>
<td>White deep base</td>
<td>Red lens</td>
<td>Up to 106dB (A)</td>
<td>32</td>
<td>17-60V DC</td>
<td>4-45mA</td>
<td>5mA</td>
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<td>PSC-0034</td>
<td>White deep base</td>
<td>Amber lens</td>
<td>Up to 106dB (A)</td>
<td>32</td>
<td>17-60V DC</td>
<td>4-45mA</td>
<td>5mA</td>
</tr>
</tbody>
</table>

Other colours/combinations are available on request.

Applications - Fire; security; industrial alarm

Specifications

- IP Rating: IP65 (deep base) IP21 (shallow base)
- Operating Temp: -25°C to +70°C
- Construction: Flame Retardant Polycarbonate
- Cable Entries: Deep Base: 2 x 20mm cable glands
- Weight: 0.22kg (shallow base) 0.25kg (deep base)
- Compliance: EN54 3 Type A (shallow base) EN54 3 Type B (deep base)
Sonos Sounder Beacon (AC)

A general purpose AC electronic sounder beacon for industrial applications.

With a choice of 32 tones including all of the major international standards, the Sonos sounder beacon has universal acceptance. The full faced translucent beacon case provides a greater spread of light when compared with standard and competitor beacon products.

Sonos AC sounder beacons are weatherproof to IP65 and can be used in all locations both indoors and outdoors.

Features

- Dual voltage 110V AC or 230V AC
- Up to 102dB (A) @ 1metre
- Easy installation
- Weatherproof to IP65
- Synchronised alarm tones
- High efficiency LED beacon
- Volume control - 20dB

Lens Colour Options

Applications - Safety; industrial alarm

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Base</th>
<th>Colours</th>
<th>Audibility at 1m</th>
<th>Tones</th>
<th>Voltage</th>
<th>Current (tone dependent)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSS-0094</td>
<td>Red deep base</td>
<td>Red Lens</td>
<td>Up to 102dB [A]</td>
<td>32</td>
<td>110/230V AC</td>
<td>80mA</td>
</tr>
<tr>
<td>PSS-0096</td>
<td>Red deep base</td>
<td>Amber Lens</td>
<td>Up to 102dB [A]</td>
<td>32</td>
<td>110/230V AC</td>
<td>80mA</td>
</tr>
</tbody>
</table>

IP Rating: IP65  Operating Temp: -25ºC to +55ºC  Weight: 0.25Kg  Construction: Flame retardant Polycarbonate  Compliance: EN60950
Cable Entries: 2x20mm cable gland
Nexus 105 Sounder Beacon (DC)

The Nexus 105 is a high output, low current consumption sounder beacon designed for fire and industrial applications. Connections are made to the base during the initial wiring phase which results in faster and more reliable installation. In addition, the head is fixed by quarter turn fasteners avoiding the need to screw up four individual screws thus enabling faster installation and accurate seal compression for weatherproofing. The Nexus Sounder Beacon is available with a high efficiency LED or high output xenon beacon. The combination of a powerful sounder and high output beacon ensures a very effective audio-visual signal. 110dB and 120dB units, as well as AC variants, are also available.

Features
- High sound output: 113dB (max); 105dB (typical)
- 5J xenon or high efficiency LED beacon option
- Quarter turn fasteners for ease of installation
- First-fix, wire to base technology
- IP66 rated
- Three alarm stages
- Low in-rush current (LED only)
- Static/flashing mode (LED only)
- Volume control for greater flexibility - 20dB
- 64 tones
- Separate connections for sounder & beacon

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Lens Colour</th>
<th>Beacon Type</th>
<th>Audibility at 1m</th>
<th>Tones</th>
<th>Voltage</th>
<th>Sounder Current</th>
<th>Beacon Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNC-0001</td>
<td>Red lens</td>
<td>Xenon beacon</td>
<td>Up to 113dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
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<td>330mA@24V DC</td>
</tr>
<tr>
<td>PNC-0002</td>
<td>Amber lens</td>
<td>Xenon beacon</td>
<td>Up to 113dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
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<td>330mA@24V DC</td>
</tr>
<tr>
<td>PNC-0020</td>
<td>Clear lens</td>
<td>Xenon beacon</td>
<td>Up to 113dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>8-40mA</td>
<td>330mA@24V DC</td>
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<tr>
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<td>Blue lens</td>
<td>Xenon beacon</td>
<td>Up to 113dB (A)</td>
<td>64</td>
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<td>330mA@24V DC</td>
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<tr>
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<td>Xenon beacon</td>
<td>Up to 113dB (A)</td>
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<td>330mA@24V DC</td>
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<tr>
<td>PNC-0024</td>
<td>Red lens</td>
<td>LED beacon</td>
<td>Up to 113dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>8-40mA</td>
<td>18mA/65mA**</td>
</tr>
<tr>
<td>PNC-0028</td>
<td>Amber lens</td>
<td>LED beacon</td>
<td>Up to 113dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>8-40mA</td>
<td>18mA/65mA**</td>
</tr>
<tr>
<td>PNC-0045</td>
<td>Clear lens</td>
<td>LED beacon</td>
<td>Up to 113dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>8-40mA</td>
<td>18mA/65mA**</td>
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<td>PNC-0047</td>
<td>Blue lens</td>
<td>LED beacon</td>
<td>Up to 113dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
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<td>LED beacon</td>
<td>Up to 113dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>8-40mA</td>
<td>18mA/65mA**</td>
</tr>
</tbody>
</table>

** Flashing/Static current consumption figures.

IP Rating: IP66  Operating Temp: -25°C to +70°C  Cable Entries: 5  Weight: 0.8kg  Compliance: EN54-3 Type
### Sounder Beacons

#### Nexus 105 Sounder Beacon (AC)

The Nexus 105 is a high output sounder-beacon designed for industrial applications.

Connections are made to the base during the initial wiring phase which results in faster and more reliable installation. In addition, the head is fixed by quarter turn fasteners enabling faster installation and accurate seal compression for weatherproofing.

The combination of powerful sounder and high output xenon beacon ensures a very effective audio-visual signal.

110dB and 120dB units, as well as DC variants, are also available.

#### Features
- High sound output: 113dB (max); 105dB typical
- 5J xenon beacon
- Quarter turn fasteners for ease of installation
- First-fix, wire to base technology
- IP66 rated
- Volume control for greater flexibility - 20dB
- 64 tones
- Separate connections for sounder & beacon

#### Lens Colour Options

- Red
- Amber
- Clear
- Blue
- Green

#### Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Lens Colour</th>
<th>Beacon Type</th>
<th>Audibility at 1m</th>
<th>Tones</th>
<th>Voltage</th>
<th>Sounder Current</th>
<th>Beacon Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNC-0005</td>
<td>Red lens</td>
<td>5J xenon beacon</td>
<td>Up to 113dB (A)</td>
<td>64</td>
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<td>40mA (max)</td>
<td>70mA</td>
</tr>
<tr>
<td>PNC-0007</td>
<td>Amber lens</td>
<td>5J xenon beacon</td>
<td>Up to 113dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>40mA (max)</td>
<td>70mA</td>
</tr>
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<td>PNC-0019</td>
<td>Clear lens</td>
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<td>40mA (max)</td>
<td>70mA</td>
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<td>PNC-0044</td>
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<td>5J xenon beacon</td>
<td>Up to 113dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>40mA (max)</td>
<td>70mA</td>
</tr>
<tr>
<td>PNC-0042</td>
<td>Green lens</td>
<td>5J xenon beacon</td>
<td>Up to 113dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>40mA (max)</td>
<td>70mA</td>
</tr>
</tbody>
</table>

**Specifications**
- **IP Rating:** IP66
- **Operating Temp.:** -25°C to +55°C
- **Cable Entries:** 5
- **Weight:** 0.8kg
Nexus 110 Sounder Beacon (DC)

The Nexus 110 is a high output, low current consumption sounder beacon designed for fire and industrial applications. Connections are made to the base during the initial wiring phase which results in faster and more reliable installation. In addition, the head is fixed by quarter turn fasteners enabling faster installation and accurate seal compression for weatherproofing. The Nexus Sounder Beacon is available with either a high efficiency LED or xenon beacon. The combination of a powerful sounder and high output beacon ensures a very effective audio-visual signal. 105dB and 120dB units, as well as AC variants, are also available.

Features

- High sound output: 116dB (max); 110dB (typical)
- Three alarm stages
- 5J xenon or high efficiency LED beacon option
- Quarter turn fasteners for ease of installation
- First-fix, wire to base technology
- IP66 rated
- Volume control for greater flexibility - 20dB
- Low in-rush current (LED only)
- Static/flashing mode (LED only)
- 64 tones
- Separate connections for sounder & beacon

Lens Colour Options

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Lens Colour</th>
<th>Beacon Type</th>
<th>Audibility at 1m</th>
<th>Tones</th>
<th>Voltage</th>
<th>Sounder Current</th>
<th>Beacon Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNC-0013</td>
<td>Red lens</td>
<td>Xenon beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>10-60V</td>
<td>10-50mA</td>
<td>330mA@24V DC</td>
</tr>
<tr>
<td>PNC-0015</td>
<td>Amber lens</td>
<td>Xenon beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>10-60V</td>
<td>10-50mA</td>
<td>330mA@24V DC</td>
</tr>
<tr>
<td>PNC-0021</td>
<td>Clear lens</td>
<td>Xenon beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>10-60V</td>
<td>10-50mA</td>
<td>330mA@24V DC</td>
</tr>
<tr>
<td>PNC-0050</td>
<td>Blue lens</td>
<td>Xenon beacon</td>
<td>Up to 116dB (A)</td>
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<td>10-60V</td>
<td>10-50mA</td>
<td>330mA@24V DC</td>
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<tr>
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<td>Xenon beacon</td>
<td>Up to 116dB (A)</td>
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<td>10-60V</td>
<td>10-50mA</td>
<td>330mA@24V DC</td>
</tr>
<tr>
<td>PNC-0029</td>
<td>Red lens</td>
<td>LED beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>10-60V</td>
<td>10-50mA</td>
<td>18mA/65mA**</td>
</tr>
<tr>
<td>PNC-0034</td>
<td>Amber lens</td>
<td>LED beacon</td>
<td>Up to 116dB (A)</td>
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<td>10-60V</td>
<td>10-50mA</td>
<td>18mA/65mA**</td>
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<td>LED beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>10-60V</td>
<td>10-50mA</td>
<td>18mA/65mA**</td>
</tr>
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<td>PNC-0054</td>
<td>Blue lens</td>
<td>LED beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>10-60V</td>
<td>10-50mA</td>
<td>18mA/65mA**</td>
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<td>LED beacon</td>
<td>Up to 116dB (A)</td>
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<td>10-60V</td>
<td>10-50mA</td>
<td>18mA/65mA**</td>
</tr>
</tbody>
</table>

** Flashing/Static current consumption figures.

IP Rating: IP66  Operating Temp: -25°C to +70°C  Cable Entries: 5  Weight: 1.2kg  Compliance: EN54-3 Type B
Nexus 110 Sounder Beacon (AC)

The Nexus 110 is a high output, sounder beacon designed for industrial applications.

Connections are made to the base during the initial wiring phase which results in faster and more reliable installation. In addition, the head is fixed by quarter turn fasteners enabling faster installation and accurate seal compression for weatherproofing.

The combination of powerful sounder and high output beacon ensures a very effective audio-visual signal.

Features

- High sound output: 116dB (max); 110dB typical
- Low voltage AC variant
- 5J xenon and LED beacon options
- Three alarm stages
- Quarter turn fasteners for ease of installation
- First-fix, wire to base technology
- IP66 rated
- Volume control for greater flexibility - 20dB
- 64 tones
- Separate connections for sounder & beacon

Lens Colour Options

Applications - Conveyors; process control alarm; cranes; moving machinery; general signalling; marine

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Lens Colour</th>
<th>Beacon Type</th>
<th>Audibility at 1m</th>
<th>Tones</th>
<th>Voltage</th>
<th>Sounder Current</th>
<th>Beacon Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNC-0062</td>
<td>Red lens</td>
<td>LED beacon</td>
<td>116dB (A)</td>
<td>64</td>
<td>24-48V AC</td>
<td>30-100mA</td>
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<tr>
<td>PNC-0063</td>
<td>Amber lens</td>
<td>LED beacon</td>
<td>116dB (A)</td>
<td>64</td>
<td>24-48V AC</td>
<td>30-100mA</td>
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</tr>
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<td>PNC-0016</td>
<td>Red lens</td>
<td>Xenon 5J beacon</td>
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<td>116dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>40mA (max)</td>
<td>70mA</td>
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<td>PNC-0049</td>
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<td>Xenon 5J beacon</td>
<td>116dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>40mA (max)</td>
<td>70mA</td>
</tr>
</tbody>
</table>

IP Rating: IP66  Operating Temp: -25°C to +55°C  Cable Entries: 5  Weight: 1.2kg
Nexus 120 Sounder Beacon (DC)

The Nexus 120 is a very high output sounder beacon designed for fire and industrial applications. Connections are made to the base during the initial wiring phase which results in faster and more reliable installation. In addition, the head is fixed by quarter turn fasteners enabling faster installation and accurate seal compression for weatherproofing. IP66 as standard means that Nexus can be installed in almost any location. The Nexus Sounder Beacon is available with a high efficiency LED or xenon beacon. The combination of powerful sounder and high output beacon ensures a very effective audio-visual signal. 105dB and 110dB units, as well as AC variants, are also available.

Features

- High sound output 120dB (typical)
- Three alarm stages
- 5J xenon or high efficiency LED beacon option
- Quarter turn fasteners for ease of installation
- First-fix, wire to base technology
- IP66 rated
- Volume control for greater flexibility - 20dB
- Low in-rush current (LED only)
- Static/flashing mode (LED only)
- 64 tones
- Separate connections for sounder & beacon

Lens Colour Options

![Lens Colour Options]

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Lens Colour</th>
<th>Beacon Type</th>
<th>Audibility at 1m</th>
<th>Tones</th>
<th>Voltage</th>
<th>Sounder Current</th>
<th>Beacon Current</th>
</tr>
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<tbody>
<tr>
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<td>Red lens</td>
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<td>Up to 120dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>120-550mA</td>
<td>330mA@24V DC</td>
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<tr>
<td>PNC-0004</td>
<td>Amber lens</td>
<td>Xenon beacon</td>
<td>Up to 120dB (A)</td>
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<td>10-60V DC</td>
<td>120-550mA</td>
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<td>Xenon beacon</td>
<td>Up to 120dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
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<td>330mA@24V DC</td>
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<td>Xenon beacon</td>
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<td>Xenon beacon</td>
<td>Up to 120dB (A)</td>
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<td>10-60V DC</td>
<td>120-550mA</td>
<td>330mA@24V DC</td>
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<tr>
<td>PNC-0035</td>
<td>Red lens</td>
<td>LED beacon</td>
<td>Up to 120dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>120-550mA</td>
<td>18mA/65mA**</td>
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<tr>
<td>PNC-0039</td>
<td>Amber lens</td>
<td>LED beacon</td>
<td>Up to 120dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>120-550mA</td>
<td>18mA/65mA**</td>
</tr>
<tr>
<td>PNC-0059</td>
<td>Clear lens</td>
<td>LED beacon</td>
<td>Up to 120dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>120-550mA</td>
<td>18mA/65mA**</td>
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<tr>
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<td>Blue lens</td>
<td>LED beacon</td>
<td>Up to 120dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>120-550mA</td>
<td>18mA/65mA**</td>
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<td>PNC-0060</td>
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<td>LED beacon</td>
<td>Up to 120dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>120-550mA</td>
<td>18mA/65mA**</td>
</tr>
</tbody>
</table>

** Flashing/Static current consumption figures.

IP Rating: IP66  Operating Temp: -25°C to + 70°C  Cable Entries: 5  Weight: 2kg  Compliance: EN54-3 Type B

Applications

- Fire alarm; conveyors; process control alarm; cranes; moving machinery; general signalling; marine
Nexus 120 Sounder Beacon (AC)

The Nexus 120 is a very high output sounder beacon designed for industrial applications.

Connections are made to the base during the initial wiring phase which results in faster and more reliable installation. In addition, the head is fixed by quarter turn fasteners enabling faster installation and accurate seal compression for weatherproofing. IP66 as standard means that Nexus can be installed in almost any location.

The combination of powerful sounder and high output xenon beacon ensures a very effective audio-visual signal.

105dB and 110dB units, as well as DC variants, are also available.

Features
- High sound output 120dB (A)
- 5J xenon beacon
- Three alarm stages
- Quarter turn fasteners for ease of installation
- First-fix, wire to base technology
- IP66 rated
- Volume control for greater flexibility - 20dB
- 64 tones
- Separate connections for sounder & beacon

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Lens Colour</th>
<th>Beacon Type</th>
<th>Audibility at 1m</th>
<th>Tones</th>
<th>Voltage</th>
<th>Sounder Current</th>
<th>Beacon Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNC-0009</td>
<td>Red lens</td>
<td>5J xenon beacon</td>
<td>Up to 120dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>200mA</td>
<td>70mA</td>
</tr>
<tr>
<td>PNC-0011</td>
<td>Amber lens</td>
<td>5J xenon beacon</td>
<td>Up to 120dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>200mA</td>
<td>70mA</td>
</tr>
<tr>
<td>PNC-0023</td>
<td>Clear lens</td>
<td>5J xenon beacon</td>
<td>Up to 120dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>200mA</td>
<td>70mA</td>
</tr>
<tr>
<td>PNC-0058</td>
<td>Blue lens</td>
<td>5J xenon beacon</td>
<td>Up to 120dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>200mA</td>
<td>70mA</td>
</tr>
<tr>
<td>PNC-0056</td>
<td>Green lens</td>
<td>5J xenon beacon</td>
<td>Up to 120dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>200mA</td>
<td>70mA</td>
</tr>
</tbody>
</table>

Applications - Conveyors; process control alarm; cranes; moving machinery; general signalling; marine

- Dia. 6mm fixing holes

Part No. Lens Colour Beacon Type Audibility at 1m Tones Voltage Sounder Current Beacon Current
PNC-0009 Red lens 5J xenon beacon Up to 120dB (A) 64 110/230V AC 200mA 70mA
PNC-0011 Amber lens 5J xenon beacon Up to 120dB (A) 64 110/230V AC 200mA 70mA
PNC-0023 Clear lens 5J xenon beacon Up to 120dB (A) 64 110/230V AC 200mA 70mA
PNC-0058 Blue lens 5J xenon beacon Up to 120dB (A) 64 110/230V AC 200mA 70mA
PNC-0056 Green lens 5J xenon beacon Up to 120dB (A) 64 110/230V AC 200mA 70mA

IP Rating: IP66 Operating Temp: -25°C to +55°C Cable Entries: 5 Weight: 2kg
Voice Sounders

Added voice message capability for clear and effective warning.
Voice Sounders

Sonos Voice
Sonos voice sounders combine normal sounder signals with a clear, synchronised voice message to help reduce confusion and distress during an active alarm.

Available with up to 7 pre-programmed messages, selected from an extensive message library covering almost any conceivable application. Bespoke messages are also available on request.

Features
- Capable of playing up to 7 messages over two wires with a message controller (see page 28)
- 106dB (A) tone and 80dB (A) message outputs
- Extensive message library or bespoke messages available
- Automatic synchronisation
- Easily retro-fits to existing installations
- Includes alert tone
- High efficiency LED Beacon option

Lens Colour Options

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Colours</th>
<th>Audibility at 1m Dimensions:</th>
<th>Tones</th>
<th>Voltage</th>
<th>Current (tone dependent)</th>
<th>Messages</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSV-0010 shallow base</td>
<td>Red</td>
<td>Up to 106dB (A)</td>
<td>32</td>
<td>24V DC</td>
<td>26mA (max)</td>
<td>3</td>
</tr>
<tr>
<td>PSV-0009 deep base</td>
<td>Red</td>
<td>Up to 106dB (A)</td>
<td>32</td>
<td>24V DC</td>
<td>26mA (max)</td>
<td>3</td>
</tr>
<tr>
<td>PSV-0012 shallow base</td>
<td>White</td>
<td>Up to 106dB (A)</td>
<td>32</td>
<td>24V DC</td>
<td>26mA (max)</td>
<td>3</td>
</tr>
<tr>
<td>PSV-0011 deep base</td>
<td>White</td>
<td>Up to 106dB (A)</td>
<td>32</td>
<td>24V DC</td>
<td>26mA (max)</td>
<td>3</td>
</tr>
<tr>
<td>PSV-0013 deep base</td>
<td>Red base, red lens</td>
<td>Up to 106dB (A)</td>
<td>32</td>
<td>24V DC</td>
<td>30mA (max)</td>
<td>3</td>
</tr>
<tr>
<td>PSV-0014 shallow base</td>
<td>Red base, red lens</td>
<td>Up to 106dB (A)</td>
<td>32</td>
<td>24V DC</td>
<td>30mA (max)</td>
<td>3</td>
</tr>
<tr>
<td>PSV-0015 deep base</td>
<td>White, clear lens/red LED</td>
<td>Up to 106dB (A)</td>
<td>32</td>
<td>24V DC</td>
<td>30mA (max)</td>
<td>3</td>
</tr>
<tr>
<td>PSV-0016 shallow base</td>
<td>White, clear lens/red LED</td>
<td>Up to 106dB (A)</td>
<td>32</td>
<td>24V DC</td>
<td>30mA (max)</td>
<td>3</td>
</tr>
</tbody>
</table>

IP Rating: IP65 (deep base) IP21 (shallow base)  
Cable Entries: Deep Base: 2 x 20mm cable glands  
Operating Temp: -25°C to +70°C  
Construction: Flame Retardant Polycarbonate  
Weight: 0.22kg (shallow base) 0.25kg (deep base)
Nexus Voice Sounder (DC)

Nexus voice sounders combine normal sounder signals with a clear, synchronised voice message to help reduce confusion and distress during an active alarm.

Standard units are available with up to 7 pre-programmed messages. Alternative messages can be selected from an extensive message library covering almost any conceivable application. Customised messages are also available on request.

All Nexus voice sounders have a USB port that allows special messages in WAV format to be downloaded onto the sounder from any PC, providing users with the flexibility of adding/removing messages in-field.

Combined with an LED or Xenon beacon the Nexus sounder can form part of a DDA compliant system giving a clear voice message, powerful alarm tone and high output beacon for clear and effective warning.

Features
■ Choice of up to 7 messages via three volt free contacts
■ Extensive message library or bespoke messages available
■ Download messages in-field via built in USB port
■ Max 116dB (A) tone and 90dB (A) message outputs
■ Automatic synchronisation
■ Robust construction: IP66 rated for outdoor environments
■ Volume control - 20dB
■ Separate connections for sounder & beacon

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Lens Colour</th>
<th>Beacon Type</th>
<th>Audibility at 1m</th>
<th>Tones (Up to)</th>
<th>Voltage</th>
<th>Sounder Current</th>
<th>Beacon Current</th>
<th>Messages</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNV-0001</td>
<td>-</td>
<td>Sounder only</td>
<td>116dB (A)</td>
<td>64</td>
<td>24V DC</td>
<td>30mA (max)</td>
<td>-</td>
<td>7</td>
</tr>
<tr>
<td>PNV-0006</td>
<td>Red lens</td>
<td>LED beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>24V DC</td>
<td>30mA (max)</td>
<td>18mA/65mA**</td>
<td>7</td>
</tr>
<tr>
<td>PNV-0007</td>
<td>Amber lens</td>
<td>LED beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>24V DC</td>
<td>30mA (max)</td>
<td>18mA/65mA**</td>
<td>7</td>
</tr>
<tr>
<td>PNV-0008</td>
<td>Green lens</td>
<td>LED beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>24V DC</td>
<td>30mA (max)</td>
<td>18mA/65mA**</td>
<td>7</td>
</tr>
<tr>
<td>PNV-0009</td>
<td>Blue lens</td>
<td>LED beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>24V DC</td>
<td>30mA (max)</td>
<td>18mA/65mA**</td>
<td>7</td>
</tr>
<tr>
<td>PNV-0010</td>
<td>Clear lens</td>
<td>LED beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>24V DC</td>
<td>30mA (max)</td>
<td>18mA/65mA**</td>
<td>7</td>
</tr>
<tr>
<td>PNV-0011</td>
<td>Red lens</td>
<td>Xenon beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>24V DC</td>
<td>30mA (max)</td>
<td>330mA@24V DC</td>
<td>7</td>
</tr>
<tr>
<td>PNV-0012</td>
<td>Amber lens</td>
<td>Xenon beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>24V DC</td>
<td>30mA (max)</td>
<td>330mA@24V DC</td>
<td>7</td>
</tr>
<tr>
<td>PNV-0013</td>
<td>Green lens</td>
<td>Xenon beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>24V DC</td>
<td>30mA (max)</td>
<td>330mA@24V DC</td>
<td>7</td>
</tr>
<tr>
<td>PNV-0014</td>
<td>Blue lens</td>
<td>Xenon beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>24V DC</td>
<td>30mA (max)</td>
<td>330mA@24V DC</td>
<td>7</td>
</tr>
<tr>
<td>PNV-0015</td>
<td>Clear lens</td>
<td>Xenon beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>24V DC</td>
<td>30mA (max)</td>
<td>330mA@24V DC</td>
<td>7</td>
</tr>
</tbody>
</table>

** Flashing/Static current consumption figures.

IP Rating: IP66  Operating Temp: -25°C to +70°C  Cable Entries: 5  Weight: Sounder 1.1kg; Sounder Beacon 1.2kg
Nexus Voice Sounder (AC)

Nexus voice sounders combine normal sounder signals with a clear, synchronised voice message to help reduce confusion and distress during an active alarm.

Standard units are available with 4 pre-programmed messages, selected from an extensive message library covering almost any conceivable application. Bespoke messages are also available on request.

All Nexus voice sounders have a USB interface that allows special messages in WAV format to be downloaded onto the sounder from any PC, providing users with the flexibility of adding/removing messages in-house.

Features
- Choice of up to 4 messages
- Extensive message library or bespoke messages available
- Download messages in-house via built in USB port
- Max 116dB (A) tone and 90dB (A) message outputs
- Automatic synchronisation
- Robust construction; IP66 rated for outdoor environments
- Volume control - 20dB
- Separate connections for sounder & beacon

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Lens Colour</th>
<th>Beacon Type</th>
<th>Audibility at 1m (typical)</th>
<th>Tones (Up to)</th>
<th>Voltage (50/60Hz)</th>
<th>Sounder Current</th>
<th>Beacon Current</th>
<th>Messages</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNV-0016</td>
<td>-</td>
<td>Sounder Only</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>30mA (max)</td>
<td>-</td>
<td>4</td>
</tr>
<tr>
<td>PNV-0018</td>
<td>Red lens</td>
<td>Xenon beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>30mA (max)</td>
<td>70mA</td>
<td>4</td>
</tr>
<tr>
<td>PNV-0019</td>
<td>Amber lens</td>
<td>Xenon beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>30mA (max)</td>
<td>70mA</td>
<td>4</td>
</tr>
<tr>
<td>PNV-0020</td>
<td>Green lens</td>
<td>Xenon beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>30mA (max)</td>
<td>70mA</td>
<td>4</td>
</tr>
<tr>
<td>PNV-0021</td>
<td>Blue lens</td>
<td>Xenon beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>30mA (max)</td>
<td>70mA</td>
<td>4</td>
</tr>
<tr>
<td>PNV-0030</td>
<td>Clear lens</td>
<td>Xenon beacon</td>
<td>Up to 116dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>30mA (max)</td>
<td>70mA</td>
<td>4</td>
</tr>
</tbody>
</table>

Applications - Industrial alarm, Process control alarm

IP Rating: IP66  Operating Temp: -25°C to +55°C  Cable Entries: 5  Weight: Sounder 1.1kg; Sounder Beacon 1.2kg
Nexus 2-Wire Voice Sounder Beacon

Nexus voice sounders combine normal sounder signals with a clear, synchronised voice message to help reduce confusion and distress during an active alarm.

The Nexus 2-Wire Voice sounder beacon has been specifically designed to be used with either the Message controller (see page 28).

Available with 4 pre-programmed messages. Alternative messages can be selected from an extensive message library covering almost any conceivable application. Customised messages are also available on request.

All Nexus voice sounders have a USB port that allows special messages in WAV format to be downloaded onto the sounder from any PC, providing users with the flexibility of adding/removing messages in-house.

Features
- Choice of up to 7 messages over a two core cable
- Extensive message library or bespoke messages available
- Download messages in-field via built in USB port
- 110dB (A) tone and 90dB (A) message outputs
- Automatic synchronisation
- Robust construction; IP66 rated for outdoor environments
- Volume control - 20dB
- Separate connections for sounder & beacon

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Lens Colour</th>
<th>Beacon Type</th>
<th>Audibility (tone) at 1m (typical)</th>
<th>Tones (Up to)</th>
<th>Voltage</th>
<th>Sounder Current</th>
<th>Beacon Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNV-0003</td>
<td>Red Lens</td>
<td>LED beacon</td>
<td>110dB (A)</td>
<td>64</td>
<td>24V DC</td>
<td>30mA (max)</td>
<td>18mA/65mA**</td>
</tr>
</tbody>
</table>

** Flashing/Static current consumption figures.

Note: Must be used with PNV-0005

IP Rating: IP66  Operating Temp: -25°C to +70°C  Cable Entries: 5  Weight: Sounder Beacon 1.2kg
**Message Controller**

When combined with a Message controller, voice sounders can transmit up to 7 messages via a simple two-core cable.

The control unit has two status indication LED’s mounted on its front face: a green ‘System Health’ indicator and an amber ‘fault indicator’.

**Features**

- Enables voice sounders to transmit up to 7 messages via a two-core cable
- Fully synchronised voice messages
- System health indicators
- Simple operation
- Compatible with any of the Sonos Voice Sounders and the Nexus red LED voice sounder beacon (PNV-0003)

**Applications** - General signalling

**Specifications**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Messages</th>
<th>Voltage</th>
<th>Quiescent Current</th>
<th>Alarm Current</th>
<th>Sounder Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNV-0005</td>
<td>Control Unit</td>
<td>Up to 7</td>
<td>17-28V DC</td>
<td>16mA</td>
<td>45mA</td>
<td>2A</td>
</tr>
</tbody>
</table>

**Specifications**

- **IP Rating:** Indoor  
- **Operating Temp:** -25°C to +70°C  
- **Construction:** Polycarb Flame Retardant  
- **Weight:** 0.48Kg  
- **Dimensions:** 131mm W x 178mm H x 60.5mm D
Hazardous Area Equipment

Audible and visual signalling for potentially explosive environments.
EXD-3 Sounder

The Exd-3 is an electronic sounder designed for potentially explosive atmospheres and harsh environmental conditions. Certified to II 2G EExd IIC T4, it is suitable for use in Zone 1 and 2 areas.

With a high degree of ingress protection (IP67) and a choice of tones including those covering PFEER/UKOOA requirements, it is suitable for use in almost any application. The standard version gives the user a choice of the 1st stage alarm tone with stages 2 and 3 fixed at manufacture. A 4-stage fully programmable version is also available on request.

The unit is fitted with two 20mm cable entries and has terminals that accept 4mm² cable for ease of installation. Dual In/Out terminals are also available on request. A dust proof version of the Exd-3 is also available.

Voice enhanced variant available on request.

Features
- ATEX / IECEx Approved
- Rated for Category 2 use (formerly Zone 1 & 2)
- II 2G Exd IIC T4
- High sound output up to 117dB (A)
- Choice of 32 tones
- Weatherproof to IP67
- Volume control
- Exde version available on request

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Colours</th>
<th>Audibility (tone) at 1m (typical)</th>
<th>Tones (Up to)</th>
<th>Voltage</th>
<th>Current (tone dependent)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCA-0010</td>
<td>Red</td>
<td>Up to 117dB (A)</td>
<td>32</td>
<td>230V AC 50Hz</td>
<td>56mA</td>
</tr>
<tr>
<td>TCA-0011</td>
<td>Red</td>
<td>Up to 117dB (A)</td>
<td>32</td>
<td>110V AC 50Hz</td>
<td>93mA</td>
</tr>
<tr>
<td>TCA-0012</td>
<td>Red</td>
<td>Up to 117dB (A)</td>
<td>32</td>
<td>24V DC</td>
<td>265mA</td>
</tr>
</tbody>
</table>

Applications - Onshore/offshore alarm; fire alarm; evacuation control; process control alarm

Hazardous Area Equipment
EXD Beacon

The Exd Beacon is a powerful xenon beacon designed for use in hazardous area applications. Certified to II 2G Exd IIC T6, it is suitable for use in Zone 1 and Zone 2 areas. With a choice of six lens colours (red, amber, yellow, blue, green and clear), a high degree of ingress protection (IP67) and rugged design, it is suitable for use in almost any application.

The standard version has a 5 Joule output and 10 Joule and 15 Joule versions are available on request. The unit is fitted with two 20mm cable entries and has terminals that accept 4mm² cable for ease of installation. Dual In/Out terminals are also available on request.

A dust proof version of the Exd Beacon is also available.

Features
- Rated for Category 2 use (formerly Zone 1 & 2)
- ATEX / IECEx Approved
- II 2G Exd IIC T6
- 5 Joule output
- Lens guard fitted as standard
- Weatherproof to IP67
- 10J and 15J versions available on request

Lens Colour Options

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Colours</th>
<th>Light Output</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCA-0014</td>
<td>Red body, red lens</td>
<td>5J</td>
<td>230V AC 50Hz</td>
<td>55mA</td>
</tr>
<tr>
<td>TCA-0068</td>
<td>Red body, red lens</td>
<td>5J</td>
<td>110V AC 50Hz</td>
<td>140mA</td>
</tr>
<tr>
<td>TCA-0015</td>
<td>Red body, red lens</td>
<td>5J</td>
<td>24V DC</td>
<td>300mA</td>
</tr>
<tr>
<td>TCA-0017</td>
<td>Red body, amber lens</td>
<td>5J</td>
<td>230V AC 50Hz</td>
<td>55mA</td>
</tr>
<tr>
<td>TCA-0018</td>
<td>Red body, amber lens</td>
<td>5J</td>
<td>110V AC 50Hz</td>
<td>140mA</td>
</tr>
<tr>
<td>TCA-0019</td>
<td>Red body, amber lens</td>
<td>5J</td>
<td>24V DC</td>
<td>300mA</td>
</tr>
</tbody>
</table>

Applications - Onshore/offshore alarm; fire alarm; evacuation control; process control alarm

Hazardous Area Equipment

IP Rating: IP67  Operating Temp: -50°C to +40°C  Construction: Marine Grade LM6 Aluminium  Cable Entries: 2  Weight: 2.45kg
EXD Bell

The Exd Bell is designed for use in Zone 1 and 2 areas and for areas requiring a high degree of weatherproof protection. IP66 rated and certified to ATEX II 2G Exd e IIC T6, it can be used in almost any environment.

With a sound output of up to 105dB, it provides a clear signal which stands out against background noise. A telephone ringing version is also available.

The housing is manufactured from glass fibre reinforced polyester with stainless steel fittings designed to cope in arduous conditions. In addition, all DC versions are equipped with a non-wearing electronic contact breaker which gives a long and reliable life.

Features

- Rated for Category 2 use (formerly Zone 1 & 2)
- ATEX approved
- II 2G Exd e IIC T6
- Clear audible signal designed to penetrate background noise
- Weatherproof to IP66
- Rugged construction
- Choice of voltages

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Colours</th>
<th>Audibility (tone) at 1m (typical)</th>
<th>Tones (Up to)</th>
<th>Voltage (50/60Hz)</th>
<th>Current (tone dependent)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCA-0002</td>
<td>Black/grey</td>
<td>Up to 105dB (A)</td>
<td>1</td>
<td>230V AC</td>
<td>60mA</td>
</tr>
<tr>
<td>TCA-0003</td>
<td>Black/grey</td>
<td>Up to 105dB (A)</td>
<td>1</td>
<td>110V AC</td>
<td>140mA</td>
</tr>
<tr>
<td>TCA-0004</td>
<td>Black/grey</td>
<td>Up to 105dB (A)</td>
<td>1</td>
<td>24V DC</td>
<td>320mA</td>
</tr>
</tbody>
</table>

Applications - General signalling; telephone ringing; fire and process control alarm

Part No. Colours Audibility (tone) at 1m (typical) Tones (Up to) Voltage (50/60Hz) Current (tone dependent)
TCA-0002 Black/grey Up to 105dB (A) 1 230V AC 60mA
TCA-0003 Black/grey Up to 105dB (A) 1 110V AC 140mA
TCA-0004 Black/grey Up to 105dB (A) 1 24V DC 320mA

IP Rating: IP66  Operating Temp: -20°C to +40°C  Construction: Glass Fibre Reinforced Polyester  Cable Entries: 1  Weight: 3.5kg
The Exd Buzzer is an explosion proof buzzer designed for use in hazardous areas where a distinctive signal is required. Certified to ATEX II 2G Exd e IIC T6, it is suitable for use in Zone 1 and Zone 2 areas.

Producing a tone with low frequency, it cuts through background noise more effectively than many other devices of a similar output.

Mounted in a rugged reinforced polyester case and weatherproof to IP66, it is suitable for use in the most arduous conditions.

**Features**

- Rated for Category 2 use (formerly Zone 1 & 2)
- ATEX approved
- II 2G Exd e IIC T6
- Heavy duty buzzer
- Weatherproof to IP66
- Rugged construction

**Specifications**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Colours</th>
<th>Audibility (tone) at 1m (typical)</th>
<th>Tones (Up to)</th>
<th>Voltage (50/60Hz)</th>
<th>Current (tone dependent)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCA-0001</td>
<td>Black</td>
<td>Up to 105dB (A)</td>
<td>1</td>
<td>230V AC 50Hz</td>
<td>70mA</td>
</tr>
<tr>
<td>TCA-0069</td>
<td>Black</td>
<td>Up to 105dB (A)</td>
<td>1</td>
<td>110V AC 50Hz</td>
<td>150mA</td>
</tr>
<tr>
<td>TCA-0005</td>
<td>Black</td>
<td>Up to 105dB (A)</td>
<td>1</td>
<td>24V DC</td>
<td>650mA</td>
</tr>
</tbody>
</table>

**Applications** - General signalling; evacuation and process control alarm

**Specifications**

| IP Rating: IP66 | Operating Temp: -20°C to +40°C | Construction: Glass Fibre Reinforced Polyester | Cable Entries: 1 | Weight: 3.5kg |
FP2C Siren

The FP2C is a powerful motor driven siren for use in hazardous area applications and harsh environmental conditions. It produces a siren sound which is easily recognisable and is often used for critical alarms such as toxic gas release.

Manufactured from cast aluminium, it is designed for a long life in outdoor locations and is suitable for signalling on chemical and petrochemical installations.

Certified to II 2 G EExd IIB T6, it is suitable for Category 1 use.

Using appropriate control equipment, the siren can produce two distinct tones.

Features

- Rated for Category 2 use (formerly Zone 1 & 2)
- ATEX / IECEx Approved
- II 2G Exd IIB T6
- High output siren sound (123dB)
- Rugged weatherproof construction

Applications - Evacuation alarm; fire alarm; toxic gas release; general purpose alarm

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Colours</th>
<th>Audibility (tone) at 1m (typical)</th>
<th>Tones (Up to)</th>
<th>Voltage (50/60Hz)</th>
<th>Current (tone dependent)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWG-0010</td>
<td>Red</td>
<td>Up to 123 dB (A)</td>
<td>2</td>
<td>110V AC</td>
<td>3.7A</td>
</tr>
<tr>
<td>SWG-0003</td>
<td>Red</td>
<td>Up to 123 dB (A)</td>
<td>2</td>
<td>230V AC</td>
<td>2.3A</td>
</tr>
</tbody>
</table>

IP Rating: IP55  Frequency: 850Hz  Operating Temp.: -20°C to +40°C  Construction: Cast Aluminium  Cable Entries: 1  Weight: 10kg
Motor Driven Sirens

Robust, high sound output sirens for areas with high background noise and harsh environmental conditions.
Motor Driven Sirens

Mini Mono P

The Mini Mono P is a small motor driven siren designed for fire and general alarm signalling.

Designed for ease of mounting, it has a separate mounting plate which connects to the main body with a bayonet locking action and has a locking screw for additional security.

The mounting plate is suitable for surface mounting or for use with a conduit (BESA) box depending on installation requirements.

Features

- High quality siren sound
- Bayonet mounting plate for ease of installation
- Choice of voltages
- Low voltage DC and high voltage AC for use in all applications

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Colours</th>
<th>Audibility (tone) at 1m (typical)</th>
<th>Tones (Up to)</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLE-0002</td>
<td>Grey</td>
<td>Up to 103dB (A)</td>
<td>1</td>
<td>24V DC</td>
<td>500mA</td>
</tr>
<tr>
<td>SLE-0004</td>
<td>Grey</td>
<td>Up to 103dB (A)</td>
<td>1</td>
<td>110/230V AC</td>
<td>130/90mA</td>
</tr>
</tbody>
</table>

Applications - Fire alarm; general purpose alarm; process control; time signalling

IP Rating: IP44  Rating: Continuous  Frequency: 1000Hz  Operating Temp: -30ºC to +55ºC  Construction: High Impact ABS  Cable Entries: 1  Weight: Mini Mono P (DC) 0.2kg; Mini Mono P (AC) 0.5kg
Mono 72

The Mono 72 is a powerful motor driven siren which produces a clear, high output siren sound.

With its weatherproof design, the Mono 72 can be used both indoors and outdoors for general safety warning.

Due to its rugged construction, the Mono 72 can be used in arduous conditions including mining and quarrying applications.

Features

- High output siren sound (120dB)
- Rugged construction for use in all environments
- Weatherproof to IP65
- Mounting bracket for ease of installation

Applications - General safety warning; conveyors; process control alarm; vehicle alarm

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Colours</th>
<th>Audibility (tone) at 1m (typical)</th>
<th>Tones (Up to)</th>
<th>Voltage (50/60Hz)</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLA-0001</td>
<td>Red/Black</td>
<td>Up to 120 dB (A)</td>
<td>1</td>
<td>110V AC/DC</td>
<td>1A(AC)/0.8A(DC)</td>
</tr>
<tr>
<td>SLA-0002</td>
<td>Red/Black</td>
<td>Up to 120 dB (A)</td>
<td>1</td>
<td>230V AC/DC</td>
<td>0.5A(AC)/0.4A(DC)</td>
</tr>
</tbody>
</table>

IP Rating: IP65  
Rating: Continuous  
Frequency: 1800Hz  
Operating Temp: -30°C to +45°C  
Construction: Cast Aluminium Body, ABS Rotor, Stator and Cover  
Cable Entries: 1  
Weight: 1.7kg
Duplo

The Duplo is a powerful motor driven siren which produces a very high sound output despite its physically compact construction.

With its weatherproof design, the Duplo can be used both indoors and outdoors for general safety warning.

Due to its rugged construction, the Duplo be used in arduous conditions including mining and quarrying applications.

Features

- High output siren sound (127dB)
- Rugged construction for use in all environments
- Long life and run time
- Weatherproof to IP65
- Mounting bracket for ease of installation

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Colours</th>
<th>Audibility (tone) at 1m (typical)</th>
<th>Tones (Up to)</th>
<th>Voltage (50/60Hz)</th>
<th>Current (tone dependent)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLB-0001</td>
<td>Grey/Black</td>
<td>Up to 127 dB (A)</td>
<td>1</td>
<td>110V AC/DC</td>
<td>2.7A</td>
</tr>
<tr>
<td>SLB-0002</td>
<td>Grey/Black</td>
<td>Up to 127 dB (A)</td>
<td>1</td>
<td>230V AC/DC</td>
<td>1.0A</td>
</tr>
</tbody>
</table>

Applications - General safety warning; conveyors; process control alarm; vehicle alarm

IP Rating: IP65  Rating: Continuous  Frequency: 1600Hz  Operating Temp: -30°C to +45°C  Construction: Cast Aluminium Body, ABS Rotor, Stator and Cover  Cable Entries: 1  Weight: 2kg
Super M

The Super M is a powerful motor driven siren which emits a very high sound output. Designed for surface mounting, it has a separate mounting bracket which may be secured in position first to allow for easy installation. In addition, it comes pre-wired with 1 metre of cable.

It has a weatherproof construction when wall mounted and is suitable for continuous use.

The Super M is ideal for applications where a higher sound output is required such as in areas of high background noise.

Features

- High output siren sound (127dB)
- Separate mounting bracket for easy installation
- Long life and run time
- Weatherproof for use both indoors and outdoors

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Colours</th>
<th>Audibility (tone at 1m typical)</th>
<th>Tones (Up to)</th>
<th>Voltage (50/60Hz)</th>
<th>Current (tone dependent)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLD-0001</td>
<td>Yellow</td>
<td>Up to 127 dB (A)</td>
<td>1</td>
<td>110V AC/DC</td>
<td>2.7A</td>
</tr>
<tr>
<td>SLD-0002</td>
<td>Yellow</td>
<td>Up to 127 dB (A)</td>
<td>1</td>
<td>230V AC/DC</td>
<td>1.0A</td>
</tr>
</tbody>
</table>

Applications - General safety warning; conveyors; process control alarm; vehicle alarm

Motor Driven Sirens

IP Rating: Weatherproof  Rating: Continuous  Frequency: 1600Hz  Operating Temp: -30°C to +45°C  Construction: ABS  Cable Entries: 1  Weight: 1.8kg
Motor Driven Sirens

SO4

The SO4 is a weatherproof motor driven siren designed for vertical mounting and designed for outdoor warning over small/medium areas.

Manufactured from cast aluminium, it is rugged in construction, has a continuous rating and is built for a long life outdoors.

Features

- High sound output (up to 125dB)
- Powerful low frequency sound
- Weatherproof to IP55
- Vertical siren for easy mounting
- Low voltage DC and high voltage AC variants

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Colours</th>
<th>Audibility (tone) at 1m (typical)</th>
<th>Tones (Up to)</th>
<th>Voltage (50/60Hz)</th>
<th>Current (tone dependent)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLC-0003</td>
<td>Grey</td>
<td>Up to 116 dB (A)</td>
<td>1</td>
<td>24V DC</td>
<td>8A</td>
</tr>
<tr>
<td>SLC-0001</td>
<td>Grey</td>
<td>Up to 125 dB (A)</td>
<td>1</td>
<td>110V AC/DC</td>
<td>3A (AC)/2.7A (DC)</td>
</tr>
<tr>
<td>SLC-0002</td>
<td>Grey</td>
<td>Up to 125 dB (A)</td>
<td>1</td>
<td>230V AC/DC</td>
<td>1.4A (AC)/1.2A (DC)</td>
</tr>
</tbody>
</table>

Applications - Fire alarm; security alarm; general safety warning; conveyors; process control alarm; vehicle alarm

Specifications:

- IP Rating: IP55
- Rating: Continuous
- Frequency: 900Hz
- Operating Temp: -30°C to +45°C
- Construction: Cast Aluminium Body
- Cable Entries: 1
- Weight: 4.5kg
Hand Operated Sirens

Designed to provide warning in applications where there is no power supply.
Hand Operated Sirens

Lightweight Hand Operated Siren

The lightweight hand operated siren is designed to provide effective warning in applications where there is no power supply such as camp sites, civil defence, mountain rescue and coast guard warning.

The siren is lightweight, can be easily transported to remote locations and folds up to a small and compact size for ease of handling.

This model comes complete with carry case, making it the ideal choice where portability is crucial.

Features
- No power supply required
- Lightweight model for portability
- Powerful low frequency sound
- Universally recognised signal
- Carry case included
- 2 tones: continuous and warble
- 116 dB @ 1 metre

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Colours</th>
<th>Audibility (tone) at 1m (typical)</th>
<th>Tones (Up to)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLF-0001</td>
<td>Black</td>
<td>Up to 116dB (A)</td>
<td>2</td>
</tr>
</tbody>
</table>

Applications - Camp sites; civil defence; mountain rescue; coast guard warning; quarries/mining

Maximum dimensions
Stand height: max 1m, min 0.6m
When folded: height 0.2m, base tripod 0.03m x 0.03m x 0.03m
**Heavy Duty Hand Operated Siren**

The heavy duty hand operated siren is designed to provide effective warning in applications where there is no power supply such as camp sites, civil defence, mountain rescue and coast guard warning.

Powered by rotating the handle, this siren has a plate to shut off the sound once up to speed giving it the ability to produce three different tones.

Robust and compact, the siren can be easily transported to remote locations and folds up to a small size for ease of handling.

**Features**

- No power supply required
- Robust and compact for portability
- Powerful low frequency sound
- Universally recognised signal
- Shutter mechanism to provide three or more signals
- **120 dB @ 1 metre**

**Specifications**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Colours</th>
<th>Audibility (tone) at 1m (typical)</th>
<th>Tones (Up to)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLF-0003</td>
<td>Grey</td>
<td>Up to 120dB (A)</td>
<td>3+</td>
</tr>
</tbody>
</table>

**Applications** - Camp sites; civil defence; mountain rescue; coast guard warning; quarries/ mining

**Height:** 84cm Width: 37cm Depth: 48cm

**Height:** 60cm Width: 37cm Depth: 48cm

**Part No. Colours Audibility (tone) at 1m (typical) Tones (Up to)**

**SLF-0003** Grey Up to 120dB (A) 3+

**Hand Operated Sirens**

**Specifications**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Colours</th>
<th>Audibility (tone) at 1m (typical)</th>
<th>Tones (Up to)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLF-0003</td>
<td>Grey</td>
<td>Up to 120dB (A)</td>
<td>3+</td>
</tr>
</tbody>
</table>

**IP Rating:** N/A  **Rating:** Continuous  **Frequency:** 400Hz Nominal (Dependent on Rotation Speed)  **Dimensions:** See Diagram  **Weight:** 11kg