Sounder Beacons

(see pgs. 2-5 for more AC/DC versions with higher dB)

Nexus 105dB Sounder Beacon (AC)

Overview
The Nexus 105 is a high output, low current consumption sounder-beacon designed for industrial, fire and marine use.

Connections are made to the base during the initial wiring phase which results in faster and more reliable installation. In addition, the head “clicks into place” and 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.

A xenon beacon can be added to the Nexus sounder. The combination of powerful sounder and high output 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
- Quarter turn fasteners for ease of installation
- First-fix, wire to base technology
- 5J xenon beacon
- IP66 rated
- Volume control for greater flexibility - 20dB
- 64 tones

Applications

- Fire
- Security
- Industrial
- Railway/Marine
- Hazardous Area
- Public Warning

Part No. Description Audibility at 1m (tone dependent) Tones Voltage Current
18-980549 Red body red lens, 5J xenon beacon 105dB (A) 64 110/230V AC 40mA (max) 70mA
18-980550 Red body, amber lens, 5J xenon beacon 105dB (A) 64 110/230V AC 40mA (max) 70mA
18-980573 Red body, clear lens, 5J xenon beacon 105dB (A) 64 110/230V AC 40mA (max) 70mA
18-980656 Red body, blue lens, 5J xenon beacon 105dB (A) 64 110/230V AC 40mA (max) 70mA
18-980654 Red body, green lens, 5J xenon beacon 105dB (A) 64 110/230V AC 40mA (max) 70mA

IP Rating: IP66  Rating: Continuous  Frequency: See Tone Table  Operating Temp: -25°C to +55°C  Cable Entries: 5  Weight: 0.8kg
Sounder Beacons

Nexus 105dB Sounder Beacon (DC)

Overview
The Nexus 105 is a high output, low current consumption sounder-beacon designed for industrial, fire and marine use.

Connections are made to the base during the initial wiring phase which results in faster and more reliable installation. In addition, the head “clicks into place” and 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.

Either xenon or high efficiency LED beacons can be added to the Nexus sounder. The combination of 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)
- Quarter turn fasteners for ease of installation
- First-fix, wire to base technology
- 5J xenon or high efficiency LED beacon option
- IP66 rated
- Volume control for greater flexibility - 20dB
- Three alarm stages
- Low in-rush current (LED only)
- Static/flashing mode (LED only)
- VdS approved

Applications
- Fire alarm; conveyors; process control alarm; cranes; moving machinery; general signalling; marine
- Fire
- Security
- Industrial
- Railway/Marine
- Hazardous Area
- Public Warning

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Colours</th>
<th>Audibility at 1m (tone dependent)</th>
<th>Tones</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-980543</td>
<td>Red body, red lens, xenon beacon</td>
<td>105dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>8-40mA</td>
</tr>
<tr>
<td>18-980544</td>
<td>Red body, amber lens, xenon beacon</td>
<td>105dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>8-40mA</td>
</tr>
<tr>
<td>18-980588</td>
<td>Red body, clear lens, xenon beacon</td>
<td>105dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>8-40mA</td>
</tr>
<tr>
<td>18-980655</td>
<td>Red body, blue lens, xenon beacon</td>
<td>105dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>8-40mA</td>
</tr>
<tr>
<td>18-980653</td>
<td>Red body, green lens, xenon beacon</td>
<td>105dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>8-40mA</td>
</tr>
<tr>
<td>18-980657</td>
<td>Red body, clear lens, LED beacon</td>
<td>105dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>8-40mA</td>
</tr>
<tr>
<td>18-980659</td>
<td>Red body, blue lens, LED beacon</td>
<td>105dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>8-40mA</td>
</tr>
<tr>
<td>18-980658</td>
<td>Red body, green lens, LED beacon</td>
<td>105dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>8-40mA</td>
</tr>
</tbody>
</table>

IP Rating: IP66  Rating: Continuous  Frequency: See Tone Table  Operating Temp: -25°C to +70°C  Cable Entries: 5  Weight: 0.8kg  Compliancy: EN54-3

* Depends on tone selected and supply voltage
** Flashing/static current consumption figures
Sounder Beacons

Nexus 110dB Sounder Beacon (AC)

Overview
The Nexus 110 is a high output, low current consumption sounder designed for industrial, fire and marine use.

Connections are made to the base during the initial wiring phase which results in faster and more reliable installation. In addition, the head "clicks into place" and 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.

Either xenon or high efficiency LED beacons can be added to the Nexus sounder. The combination of powerful sounder and high output beacon ensures a very effective audio-visual signal.

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

Applications
- Fire alarm; conveyors; process control alarm; cranes; moving machinery; general signalling; marine
- Railway/Marine
- Security
- Hazardous Area
- Public Warning

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Audibility at 1m (tone dependent)</th>
<th>Tones</th>
<th>Voltage</th>
<th>Current Flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-980674</td>
<td>Red body red lens, LED beacon</td>
<td>110dB (A)</td>
<td>64</td>
<td>24-48V AC</td>
<td>30-100mA</td>
</tr>
<tr>
<td>18-980675</td>
<td>Red body, amber lens, LED beacon</td>
<td>110dB (A)</td>
<td>64</td>
<td>24-48V AC</td>
<td>30-100mA</td>
</tr>
<tr>
<td>18-980558</td>
<td>Red body, amber lens, xenon 5J beacon</td>
<td>110dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>40mA (max)</td>
</tr>
<tr>
<td>18-980559</td>
<td>Red body, clear lens, xenon 5J beacon</td>
<td>110dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>40mA (max)</td>
</tr>
<tr>
<td>18-980590</td>
<td>Red body, blue lens, xenon 5J beacon</td>
<td>110dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>40mA (max)</td>
</tr>
<tr>
<td>18-980663</td>
<td>Red body, green lens, xenon 5J beacon</td>
<td>110dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>40mA (max)</td>
</tr>
</tbody>
</table>

Part No. Description Audibility at 1m (tone dependent) Tones Voltage Current Souneder Beacon
18-980674 Red body red lens, LED beacon 110dB (A) 64 24-48V AC 30-100mA
18-980675 Red body, amber lens, LED beacon 110dB (A) 64 24-48V AC 30-100mA
18-980558 Red body, amber lens, xenon 5J beacon 110dB (A) 64 110/230V AC 40mA (max) 70mA
18-980559 Red body, clear lens, xenon 5J beacon 110dB (A) 64 110/230V AC 40mA (max) 70mA
18-980590 Red body, blue lens, xenon 5J beacon 110dB (A) 64 110/230V AC 40mA (max) 70mA
18-980663 Red body, green lens, xenon 5J beacon 110dB (A) 64 110/230V AC 40mA (max) 70mA

IP Rating: IP66  Rating: Continuous  Frequency: See Tone Table  Operating Temp: -25°C to +55°C  Cable Entries: 5  Weight: 1.2kg
Sounder Beacons

Nexus 110dB Sounder Beacon (DC)

Overview
The Nexus 110 is a high output, low current consumption sounder designed for industrial, fire and marine use.

Connections are made to the base during the initial wiring phase which results in faster and more reliable installation. In addition, the head “clicks into place” and 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.

Either xenon or high efficiency LED beacons can be added to the Nexus sounder. The combination of 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)
- Quarter turn fasteners for ease of installation
- First-fix, wire to base technology
- 5J xenon or high efficiency LED beacon option
- IP66 rated
- Volume control for greater flexibility - 20dB
- Three alarm stages
- Low in-rush current (LED only)
- Static/flashing mode (LED only)
- Vds approved

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

Table:

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Colours</th>
<th>Audibility at 1m</th>
<th>Tones</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(tone dependent)</td>
<td>(tone dependent)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18-980555</td>
<td>Red body, red lens, xenon beacon</td>
<td>110dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>10-50mA</td>
</tr>
<tr>
<td>18-980556</td>
<td>Red body, amber lens, xenon beacon</td>
<td>110dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>10-50mA</td>
</tr>
<tr>
<td>18-980589</td>
<td>Red body, clear lens, xenon beacon</td>
<td>110dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>10-50mA</td>
</tr>
<tr>
<td>18-980662</td>
<td>Red body, blue lens, xenon beacon</td>
<td>110dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>10-50mA</td>
</tr>
<tr>
<td>18-980664</td>
<td>Red body, green lens, xenon beacon</td>
<td>110dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>10-50mA</td>
</tr>
<tr>
<td>18-980666</td>
<td>Red body, red lens, LED beacon</td>
<td>110dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>10-50mA</td>
</tr>
<tr>
<td>18-980660</td>
<td>Red body, amber lens, LED beacon</td>
<td>110dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>10-50mA</td>
</tr>
<tr>
<td>18-980662</td>
<td>Red body, clear lens, LED beacon</td>
<td>110dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>10-50mA</td>
</tr>
<tr>
<td>18-980666</td>
<td>Red body, blue lens, LED beacon</td>
<td>110dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>10-50mA</td>
</tr>
<tr>
<td>18-980655</td>
<td>Red body, green lens, LED beacon</td>
<td>110dB (A)</td>
<td>64</td>
<td>10-60V DC</td>
<td>10-50mA</td>
</tr>
</tbody>
</table>

Specifications:
- IP Rating: IP66
- Rating: Continuous
- Frequency: See Tone Table
- Cable Entries: 5
- Weight: 1.2kg
- Compliance: EN54-3
- Operating Temp: -25°C to +70°C

* Depends on tone selected and supply voltage
** Flashing/static current consumption figures

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Sounder Beacons

Nexus 120dB Sounder Beacon (AC)

Overview

The Nexus 120 is a high output sounder designed for industrial, fire and marine use.

Connections are made to the base during the initial wiring phase which results in faster and more reliable installation. In addition, the head “clicks into place” and 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.

A xenon beacon can be added to the Nexus sounder. The combination of powerful sounder and high output beacon ensures a very effective audio-visual signal.

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

Applications

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

Features

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

Part No. Colours Audibility at 1m (tone dependent) Tones Voltage Current Sounder Beacon

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Colours</th>
<th>Audibility at 1m</th>
<th>Tones</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-980552</td>
<td>Red body red lens, 5J xenon beacon</td>
<td>120dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>200mA</td>
</tr>
<tr>
<td>18-980553</td>
<td>Red body, amber lens, 5J xenon beacon</td>
<td>120dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>200mA</td>
</tr>
<tr>
<td>18-980592</td>
<td>Red body, clear lens, 5J xenon beacon</td>
<td>120dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>200mA</td>
</tr>
<tr>
<td>18-980670</td>
<td>Red body, blue lens, 5J xenon beacon</td>
<td>120dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>200mA</td>
</tr>
<tr>
<td>18-980668</td>
<td>Red body, green lens, 5J xenon beacon</td>
<td>120dB (A)</td>
<td>64</td>
<td>110/230V AC</td>
<td>200mA</td>
</tr>
</tbody>
</table>

IP Rating: IP66    Rating: Continuous    Frequency: See Tone Table    Operating Temp: -25°C to + 55°C

Cable Entries: 5    Weight: 2kg

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sales@signaworks.com   www.signaworks.com
Sounder Beacons

Nexus 120dB Sounder Beacon (DC)

Overview
The Nexus 120 is a high output sounder designed for industrial, fire and marine use.

Connections are made to the base during the initial wiring phase which results in faster and more reliable installation. In addition, the head "clicks into place" and 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.

Either xenon or high efficiency LED beacons can be added to the Nexus sounder. 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)
- Quarter turn fasteners for ease of installation
- First-fix, wire to base technology
- 5J xenon or high efficiency LED beacon option
- IP66 rated
- Volume control for greater flexibility - 20dB
- Three alarm stages
- Low in-rush current (LED only)
- Static/flashing mode (LED only)
- Vds approved

Applications
- Fire alarm; conveyors; process control alarm; cranes; moving machinery; general signalling; marine
- Railway/Marine
- Security
- Industrial
- Hazardous Area
- Public Warning

Part No. Colours Audibility at 1m (tone dependent) Tones Voltage Current Sounder Beacon
18-980546 Red body, red lens, xenon beacon 120dB (A) 64 10-60V DC 120-550mA 250mA (average)
18-980547 Red body, amber lens, xenon beacon 120dB (A) 64 10-60V DC 120-550mA 250mA (average)
18-980591 Red body, clear lens, xenon beacon 120dB (A) 64 10-60V DC 120-550mA 250mA (average)
18-980669 Red body, blue lens, xenon beacon 120dB (A) 64 10-60V DC 120-550mA 250mA (average)
18-980667 Red body, green lens, xenon beacon 120dB (A) 64 10-60V DC 120-550mA 250mA (average)
18-980635 Red body, red lens, LED beacon 120dB (A) 64 10-60V DC 120-550mA 18mA / 65mA**
18-980636 Red body, amber lens, LED beacon 120dB (A) 64 10-60V DC 120-550mA 18mA / 65mA**
18-980671 Red body, clear lens, LED beacon 120dB (A) 64 10-60V DC 120-550mA 18mA / 65mA**
18-980673 Red body, blue lens, LED beacon 120dB (A) 64 10-60V DC 120-550mA 18mA / 65mA**
18-980672 Red body, green lens, LED beacon 120dB (A) 64 10-60V DC 120-550mA 18mA / 65mA**

Additional Information:
- IP Rating: IP66
- Rating: Continuous
- Frequency: See Tone Table
- Cable Entries: 5
- Weight: 2kg
- Compliancy: EN54-3
- Operating Temp: -25°C to + 70°C
- Depends on tone selected and supply voltage
- Flashing/static current consumption figures

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