LBB 4443/00 End of Line (EOL) Supervision Board

www.boschsecurity.com

The board monitors the integrity of a loudspeaker line. The boards work together with the LBB 4440/00 Supervision Control Board to monitor the status of the loudspeaker line and all of its branches. The line status is communicated to the LBB 4440/00 via the existing loudspeaker cable.

**Functions**

The board is mounted inside the case of the last loudspeaker on the loudspeaker line, or inside a separate case. Supervision of branched lines is possible. If a loudspeaker line has multiple branches, a separate LBB 4443/00 is required for the last loudspeaker in each branch. The board detects and reports line faults within 100 s.

**Interconnections**

- Two 30 cm flying leads
- Two faston connectors

**Certifications and approvals**

<table>
<thead>
<tr>
<th>Safety</th>
<th>acc. to IEC 60065 / EN 60065</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immunity</td>
<td>acc. to EN 55103-2 / EN 50130-4 / EN 50121-4</td>
</tr>
<tr>
<td>Emissions</td>
<td>acc. to EN 55103-1 / FCC-47 part 15B</td>
</tr>
</tbody>
</table>

**Emergency**

acc. to EN 60849 / EN 54-16 / ISO 7240-16

**Maritime**

acc. to IEC 60945

**Region | Certification**

<table>
<thead>
<tr>
<th>Europe</th>
<th>CPR</th>
<th>EU_CPR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CE</td>
<td>COC</td>
</tr>
<tr>
<td></td>
<td>CE</td>
<td>CertAlarm</td>
</tr>
<tr>
<td></td>
<td>CE</td>
<td>DOP</td>
</tr>
<tr>
<td></td>
<td>GL</td>
<td></td>
</tr>
<tr>
<td>Poland</td>
<td>CNBOP</td>
<td></td>
</tr>
</tbody>
</table>

**Installation/configuration notes**

The following loudspeakers have a provision for installing a supervision board:

<table>
<thead>
<tr>
<th>Ceiling loudspeakers</th>
<th>Column loudspeakers</th>
<th>Sound projectors</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC1-WM06E</td>
<td>LBC 3210/00</td>
<td>LBC 3432/02</td>
</tr>
<tr>
<td>LC1-UM06E</td>
<td>LA1-UM20E-1</td>
<td>LS1-OC100E-1</td>
</tr>
</tbody>
</table>
### Technical specifications

#### Mechanical
- **Dimensions (H x W x D)**: 78 x 60 x 22 mm (3.0 x 2.3 x 0.8 in)
- **Weight**: 70 g (2.4 ounces)
- **Mounting**: Internally in the loudspeaker. An optional mounting bracket, LBB 4446/00 is available.

#### Environmental
- **Operating temperature**: -5 °C to +55 °C (+23 °F to +131 °F)
- **Storage temperature**: -20 °C to +70 °C (-4 °F to +158 °F)
- **Humidity**: 15% to 90%
- **Air pressure**: 600 to 1100 hPa

### Ordering information

#### LBB 4443/00 End of Line (EOL) Supervision Board
Line supervision slave PCB for connecting to the end of a loudspeaker line or the end of a spur, operates with LBB4440/00 to monitor the integrity of the line.
Order number LBB4443/00

#### LBB 4444/00 Supervision Control Board
Line and loudspeaker supervision master PCB for mounting in a Praesideo network connected power amplifier, one board is needed per channel.
Order number LBB4444/00

#### LBB 4444/00-CN Supervision Control Board
Line and loudspeaker supervision master PCB for mounting in a Praesideo network connected power amplifier, one board is needed per channel, Chinese version.
Order number LBB4444/00-CN

#### LBB 4446/00 Set of Supervision Board Brackets (10 pcs)
Aluminum brackets for mounting supervision slave boards in a loudspeaker cabinet or cable box (set of 10 pieces).
Order number LBB4446/00

#### PRS-16MCI Multichannel Interface
Interface to Praesideo network, provides 16 audio outputs with control and supervision to non-network connected basic amplifiers, powered from the Praesideo network or the connected amplifiers, rack unit 2 RU.
Order number PRS-16MCI

### Accessories

#### LBB 4443/00-CN End of Line (EOL) Supervision Board
Line supervision slave PCB for connecting to the end of a loudspeaker line or the end of a spur, operates with LBB4440/00 to monitor the integrity of the line, Chinese version.
Order number LBB4443/00-CN