LC9-UC06B Ceiling speaker 6W backcan white

The LC9-UC06 and LC9-UC06B are compact, 6W, general-purpose, cost-effective ceiling mount loudspeakers with a perforated metal grille. They are designed for a wide range of applications and have an excellent speech and music performance. The loudspeakers are easy to install thanks to their integral mounting clips. They are available in 2 versions, without backcan (LC9-UC06) and with backcan (LC9-UC06B).

### Functions

The loudspeakers feature a very wide opening angle, which means fewer units are required to cover a given area. The wide frequency range means better speech and better music reproduction. The unit is supplied with a 100V matching transformer with taps on the primary winding for full-power, half-power, and quarter-power radiation. The LC9-UC06 and LC9-UC06B have a perforated metal grille with a plastic surround, finished in an attractive white RAL 9003 color.

### Certifications and approvals

<table>
<thead>
<tr>
<th>Region</th>
<th>Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>CE, IEC 62368-1</td>
</tr>
</tbody>
</table>

#### Quality assurance

All Bosch loudspeakers are designed to withstand operating at their rated power for 100 hours in accordance with IEC 60268-5 Power Handling Capacity (PHC) standards. Bosch has also developed the Simulated Acoustical Feedback Exposure (SAFE) test to demonstrate that they can withstand two times their rated power for short durations. This ensures improved reliability under extreme conditions, leading to higher customer satisfaction, longer operating life, and lessens the chance of failure or performance deterioration.

### Installation/configuration notes

Installation is very easy with integral clips that securely hold the ceiling loudspeaker in its cut-out. Ceilings from 9 to 25mm thick can be accommodated. A template is also provided for accurately marking the cut-out in the ceiling panels. Wiring is via a screw-terminal next to the transducer (LC9-UC06) or on the backcan (LC9-UC06B).

#### Dimensions

- Diameter: 204 mm (8.03"
- Backcan Diameter: 98 mm (3.86"

- Easy to install
- Flush-mounting in ceiling cavity
- Simple power setting
- Suitable for speech and music reproduction
Communications Systems - LC9-UC06B Ceiling speaker 6W backcan white

- Wiring Diagram

![Wiring Diagram](image)

- Frequency Response

![Frequency Response](image)

<table>
<thead>
<tr>
<th>Parts included</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Quantity</strong></td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Technical specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power handling</strong></td>
</tr>
<tr>
<td><strong>Rated Frequency Range (-10 dB)</strong></td>
</tr>
<tr>
<td><strong>Sensitivity (SPL 1 W/1 m)</strong></td>
</tr>
<tr>
<td><strong>Max SPL (SPL 6 W/1 m)</strong></td>
</tr>
<tr>
<td><strong>Coverage Pattern @ 1 kHz/4 kHz (-6dB)</strong></td>
</tr>
<tr>
<td><strong>Rated Impedance</strong></td>
</tr>
<tr>
<td>3333 Ω@3 W</td>
</tr>
<tr>
<td>6667 Ω@1.5 W</td>
</tr>
<tr>
<td><strong>Input Configuration</strong></td>
</tr>
<tr>
<td><strong>Transformer Taps</strong></td>
</tr>
</tbody>
</table>

**Dimensions (Diameter x Height)** | 204 x 98 mm |
|**Net Weight** | 0.72 kg |
|**Shipping Weight (6 units)** | 4.8 kg |
|**Color** | White (RAL 9003) |
|**Approvals** | CE, IEC 62368-1 |

*Technical performance data acc. to IEC 60268-5

**Ordering information**

LC9-UC06B Ceiling speaker 6W backcan white
Compact, general-purpose ceiling speaker, flush-mount, 6W, perforated metal grille, with backcan, white
Order number | LC9-UC06B | F.01U.387.362

Asset Key | Vepos

Represented by:
Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: +31 40 2577 284
eura.securitysystems@bosch.com
eMEA.securitysystems@bosch.com

Germany:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Ring 5
85630 Grasbrunn
Germany
www.boschsecurity.com

North America:
Bosch Security Systems, LLC
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
onlinehelp@us.bosch.com
www.boschsecurity.us

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd. Security Systems
11 Blashan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

Data subject to change without notice | 2021101918201 | V3 | October 19, 2021
© Bosch Security Systems 2021