

LB10-UC06-x Cabinet loudspeakers 6W angled

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Invented for life



- ▶ Good speech intelligibility and background music reproduction
- ▶ Finished in white or black
- ▶ ABS construction
- ▶ Complies with international installation and safety regulations

The LB10-UC06-x are 6 W, general-purpose, cost-effective loudspeakers for indoor use. Keyholes at the rear are provided for quick and easy wall mounting. The loudspeakers are available in black and white.

Functions

The enclosure is made of robust, solid ABS (acrylonitrile butadiene styrene). The angled front baffle results in improved high frequency reproduction in the listening area.

These speakers are also available with a volume control.

Certifications and approvals

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.

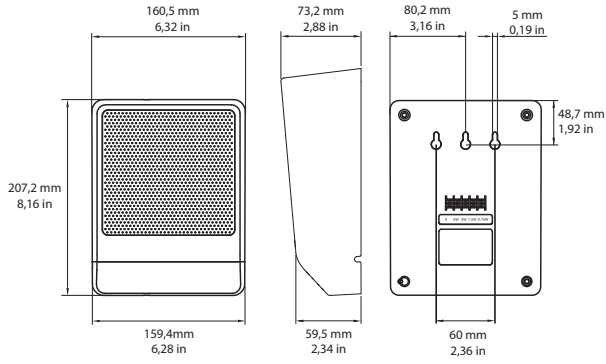
Safety

acc. to EN 62368-1

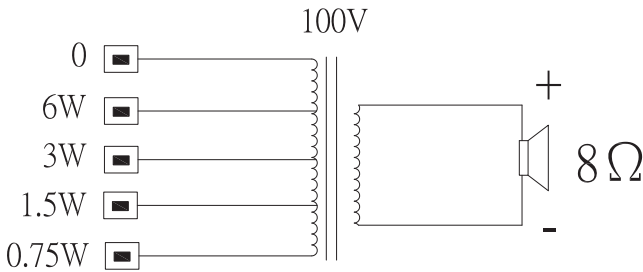
Installation/configuration notes

Three keyholes in the rear panel provide easy and quick wall mounting.

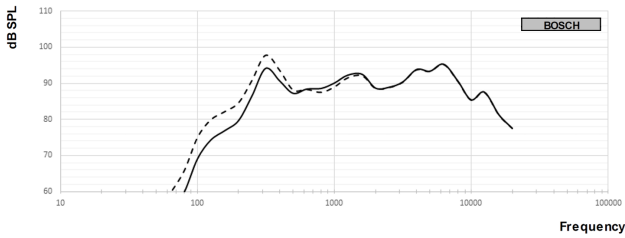
A convenient, easy-to-use, four-pole screw terminal block is on the rear panel for on-site wiring. This terminal block has provision for power tapping on the 100 V, matching transformer in the cabinet. It allows selection of nominal full-power, half-power or quarter-power radiation (in 3 dB steps).



LB10-UC06-x dimensions

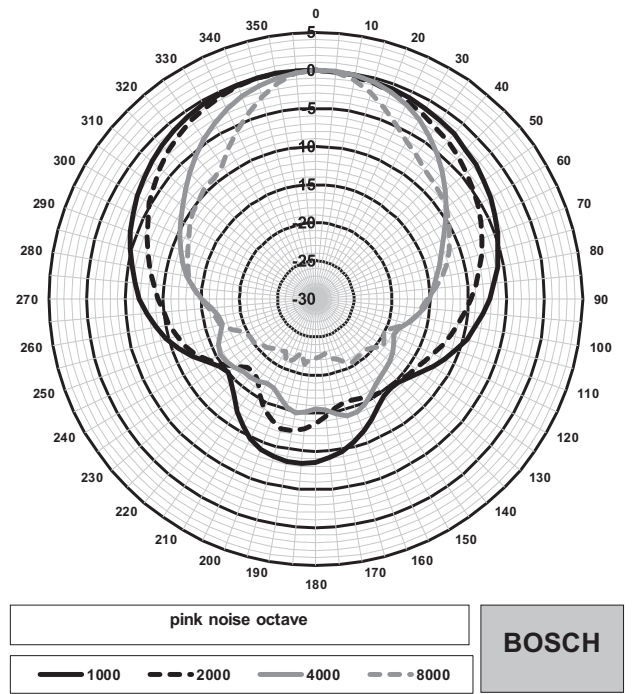


Circuit diagram

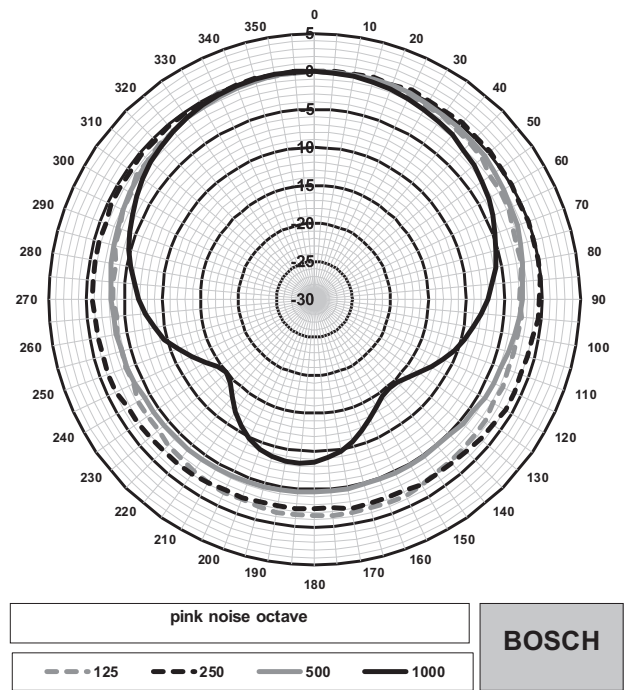


Frequency response

— Full-space measurement result
 - - - Half-space measurement result



Polar diagram horizontal (high frequency). Normalized at 0 degrees axis.



Polar diagram horizontal (low frequency). Normalized at 0 degrees axis.

Technical specifications

Electrical*

Rated power	6 / 3 / 1.5 / 0.75 W
Sound pressure level at 6 W / 1 W (1 m)	99 dB / 91 dB (SPL)
Effective frequency range	145 Hz to 18kHz (-10 dB)
Opening angle	1 kHz / 4 kHz (-6 dB)
horizontal	165° / 88°
vertical	165° / 88°
Rated input voltage	100 V
Rated impedance	1667 ohm
Connector	4-pole screw terminal block

* Technical performance data acc. to IEC 60268-5 (half space)

Mechanical

Dimensions (H x W x D)	207.2 mm x 160.5 mm x 73.2 mm (8.16 in x 6.32 in x 2.88 in)
Weight	0.77 kg (1.70 lb)

Color LB10-UC06-D	Black (RAL 9004)
Color LB10-UC06-L	White (RAL 9003)

Environmental

Operating temperature	-25 °C to +55°C (-13 °F to +131 °F)
Storage and transport temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Relative humidity	<95%

Ordering information

LB10-UC06-D Cabinet speaker 6W angled black

Cabinet loudspeaker 6 W, ABS enclosure, finished in black, with 3 keyholes for wall mounting.

Order number **LB10-UC06-D**

LB10-UC06-L Cabinet speaker 6W angled white

Cabinet loudspeaker 6 W, ABS enclosure, finished in white, with 3 keyholes for wall mounting.

Order number **LB10-UC06-L**

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