

LB1-UW06x-x Cabinet Loudspeakers

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BOSCH

Invented for life



- ▶ Good speech intelligibility and background music reproduction
- ▶ Available in black or white
- ▶ MDF construction
- ▶ With or without integral volume control
- ▶ Complies with international installation and safety regulations

The LB1-UW06x-x is a 6 W, general-purpose, cost-effective loudspeaker for indoor use, with or without volume control. Keyholes at the rear are provided for quick and easy wall mounting. The angled front baffle results in a better sound in the listening area. The cabinet is available in black or white.

Functions

The robust, solid MDF (medium density fiber board) enclosures are covered with a durable, easy-to-clean vinyl in a choice of white or black. The ABS fronts are covered with fine woven cloth in matching color. The angled front baffle results in improved high frequency reproduction in the listening area. The speaker is available with or without a volume control.

Certifications and approvals

All Bosch loudspeakers are designed to withstand operating at their rated power for 100 hours in accordance with IEC 268-5 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 extra reliability under extreme conditions, leading to

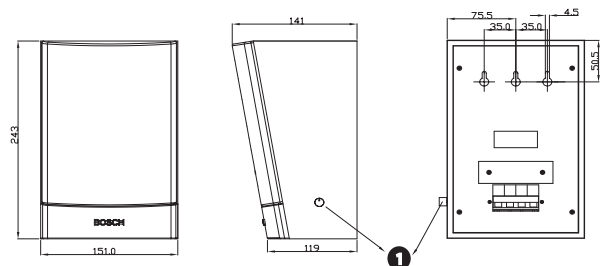
higher customer satisfaction, longer operating life, and much less chance of failure or performance deterioration.

Safety

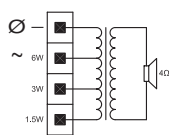
acc. to EN 60065

Installation/configuration notes

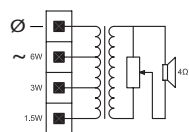
Three keyholes in the rear panel provide easy and quick wall mounting. A convenient, easy-to-use, four-pole push-in terminal block is on the rear panel for on-site wiring. This terminal block has provision for power tapping on the 100 V, matching transformer in the cabinet. It allows selection of nominal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



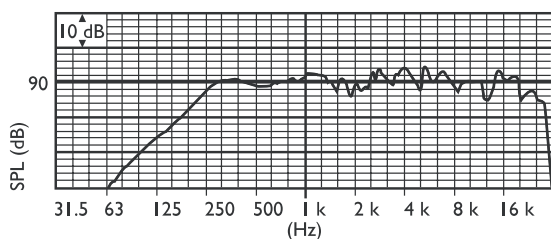
Dimensions LB1-UW06-x in mm showing volume control (1)



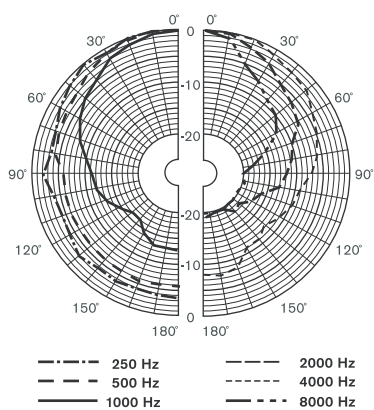
Circuit diagram LB1-UW06-x



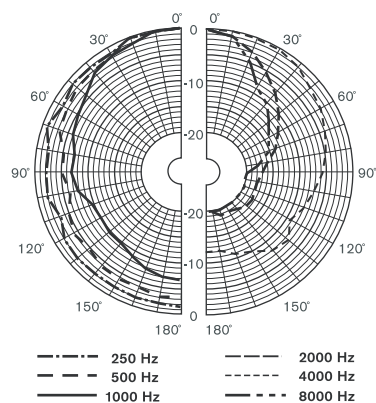
Circuit diagram LB1-UW06V-x



Frequency response



Polar diagram horizontal (measured with pink noise)



Polar diagram vertical (measured with pink noise)

Technical specifications

Electrical*

Maximum power	9 W
Rated power	6 / 3 / 1.5 W
Sound pressure level at 6 W / 1 W (1 kHz, 1 m)	99 dB / 91 dB (SPL)
Sound pressure level at 6 W / 1 W (4 kHz, 1 m)	100 dB / 92 dB (SPL)
Effective frequency range	180 Hz to 20 kHz (-10 dB)
Opening angle	1 kHz / 4 kHz (-6 dB)
horizontal	165° / 95°
vertical	158° / 73°
Rated input voltage	100 V
Rated impedance	1667 ohm
Connector	4-pole push-in terminal block

* Technical performance data acc. to IEC 60268-5

Mechanical

Dimensions (H x W x D)	240x151x141/119 mm (9.4 x 5.9 x 5.6/4.7 in)
Weight	0.9 kg (2 lb)
Color	Black (D) or white (L)
cabinet / cloth (D)	Matches RAL 9004 / RAL 9004
cabinet / cloth (L)	Matches RAL 9010 / RAL 7044

Environmental

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

Ordering information

LB1-UW06-D Cabinet Loudspeaker

Cabinet loudspeaker 6 W, MDF enclosure with fine-woven cloth front, finished in black, with 3 keyholes for wall mounting.

Order number **LB1-UW06-D**

LB1-UW06V-D Cabinet Loudspeaker with Volume Control

Cabinet loudspeaker 6 W with volume control, MDF enclosure with fine-woven cloth front, finished in black, with 3 keyholes for wall mounting.

Order number **LB1-UW06V-D**

LB1-UW06-L Cabinet Loudspeaker

Cabinet loudspeaker 6 W, MDF enclosure with fine-woven cloth front, finished in white, with 3 keyholes for wall mounting.

Order number **LB1-UW06-L**

LB1-UW06V-L Cabinet Loudspeaker with Volume Control

Cabinet loudspeaker 6 W with volume control, MDF enclosure with fine-woven cloth front, finished in white, with 3 keyholes for wall mounting.

Order number **LB1-UW06V-L**

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