



LB1-UW06x-x Cabinet Loudspeakers



- ▶ Good speech intelligibility and background music reproduction
- ▶ Finished in white or black
- ▶ MDF construction
- ▶ Available 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 the colors black and white.

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

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 a better, improved high frequency reproduction in the listening area.

They are available with or without an integral volume control.

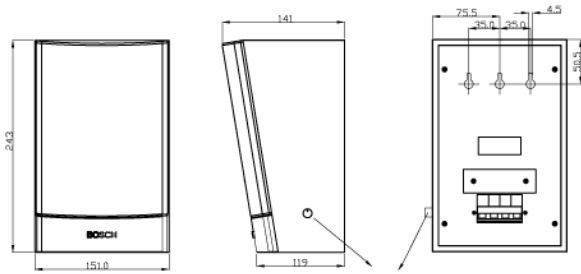
Installation/Configuration Notes

Three keyholes in the rear panel are provided for easy and quick wall mounting.

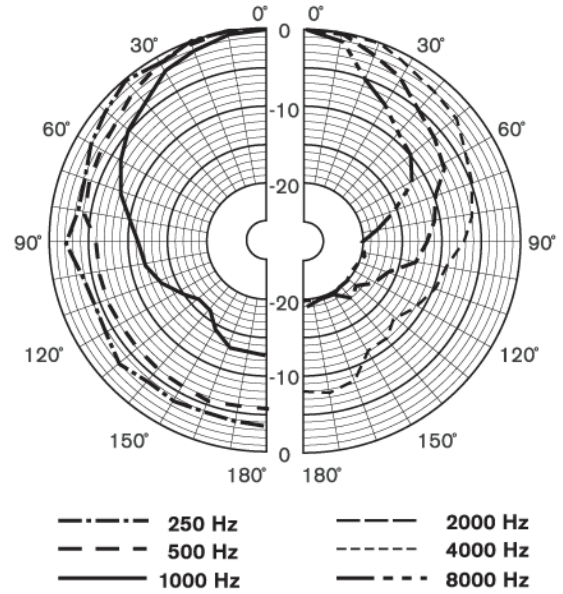
A convenient easy-to-use, 4-pole push-in terminal block is present on the rear panel for on-site wiring. This terminal block has provision for power tapping on the 100 V matching transformer in the cabinet. It allows selection of nominal full-power, half-power or quarter-power radiation (i.e. in 3 dB steps)

Certifications and Approvals

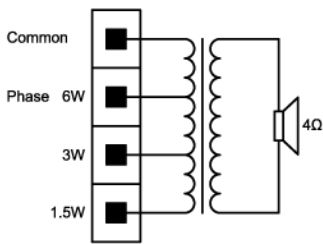
All Bosch loudspeakers are designed to withstand operating at their rated power for 100 hours in accordance with IEC 268-5 Power Handling Capacity (PHC) standards. Bosch has also developed the Simulated Acoustical Feedback Exposure (SAFE) test to demonstrate that they can withstand two times their



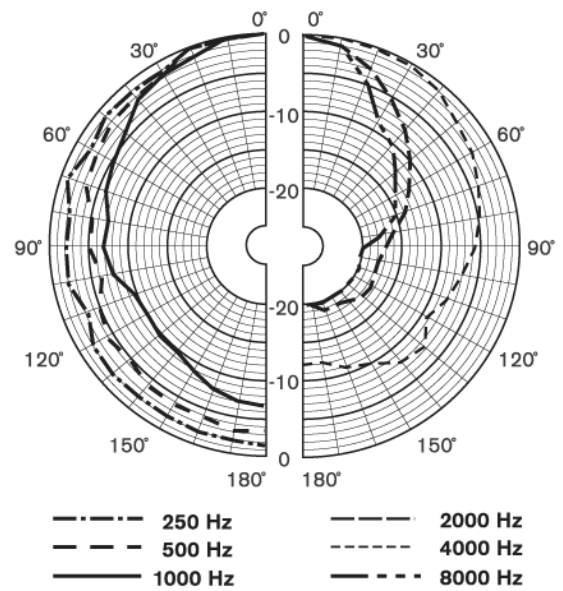
Dimensions LB1-UW06-x in mm



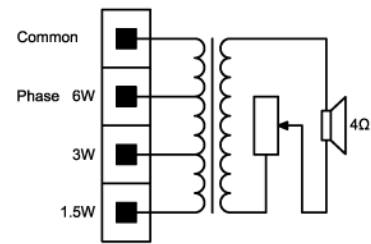
Polar diagram horizontal (measured with pink noise)



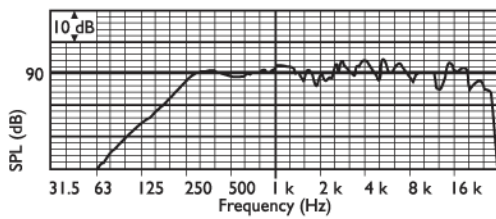
Circuit diagram LB1-UW06-x



Polar diagram vertical (measured with pink noise)



Circuit diagram LB1-UW06V-x



Frequency response

Parts Included

Quantity	Component
1	cabinet loudspeaker

Technical Specifications

Electrical*

Maximum Power	9 W
Rated Power	6 W (6-3-1.5 W)
Sound Pressure Level at rated Power / 1 W (at 1 kHz, 1 m)	99 / 91 dB (SPL)
Effective Frequency Range	180 Hz to 20 kHz (-10 dB)
Opening Angle (at 1 kHz / 4 kHz, - 6 dB)	165° / 95°
Rated Input Voltage	100 V
Rated Impedance	1667 ohm

Mechanical

Connection	4-pole push-in terminal block
Dimensions (H x W x D)	243 x 151 x 141/119 mm (9.5 x 5.9 x 5.6/4.7 inch)
Color	Black (D) or white (L)
Cabinet / Front	Matches RAL 9004 / RAL 9004 (D)
Cabinet / Front	Matches RAL 9010 / RAL 7044 (L)
Weight	0.9 kg

Environmental

Ambient Temperature - 15° to + 55° C

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

Ordering Information

Model | Description

LB1-UW06-D Cabinet Loudspeaker
6 W, black.

LB1-UW06V-D Cabinet Loudspeaker with Volume Control
6 W, black.

LB1-UW06-L Cabinet Loudspeaker
6 W, white.

LB1-UW06V-L Cabinet Loudspeaker with Volume Control
6 W, white.

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