BOSCH

Invented for life

LB1-UW06x-x Cabinet Loudspeakers

▶ **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.

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

Region	Certification	
Europe	CE	Declaration of Conformity
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 improved high frequency reproduction in the listening area.

The speaker is available with or without a volume control.

Installation/Configuration Notes

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

A convenient, easy-to-use, 4-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-volt, matching transformer in the cabinet. It allows selection of nominal full-power, half-power or quarter-power radiation (in 3 dB steps).
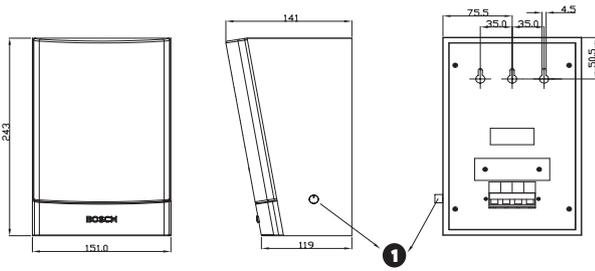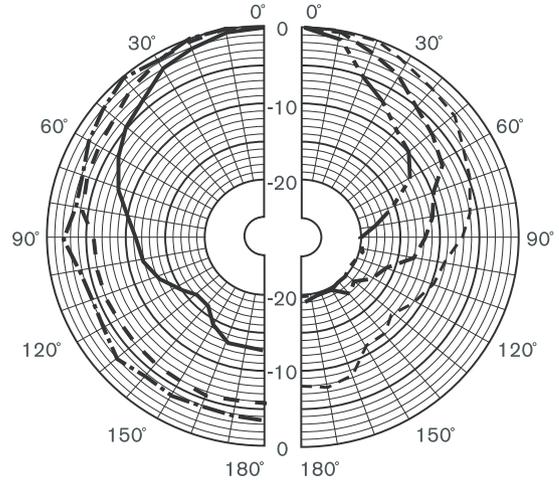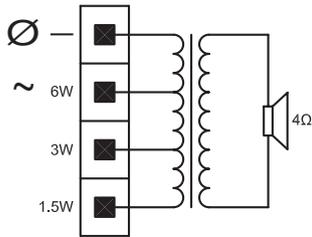
Certifications and Approvals

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 rated power for short durations. This ensures extra reliability under

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

Circuit diagram LB1-UW06-x

Circuit diagram LB1-UW06V-x

Frequency response

— · — · —	**250 Hz**	— — —	**2000 Hz**
— — —	**500 Hz**	- - - - -	**4000 Hz**
————	**1000 Hz**	— ·· — ·· —	**8000 Hz**

Polar diagram horizontal (measured with pink noise)

— · — · —	**250 Hz**	— — —	**2000 Hz**
— — —	**500 Hz**	- - - - -	**4000 Hz**
————	**1000 Hz**	— ·· — ·· —	**8000 Hz**
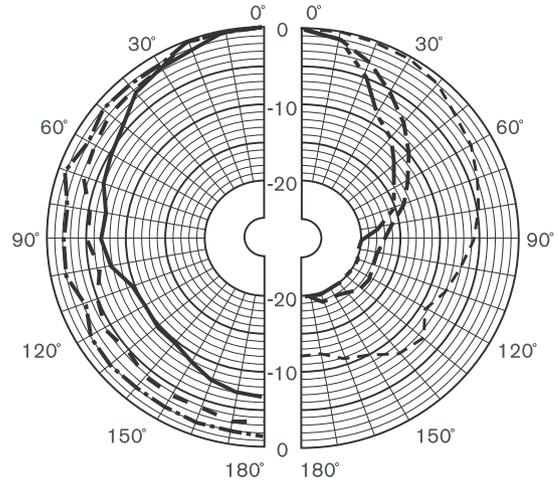
Polar diagram vertical (measured with pink noise)
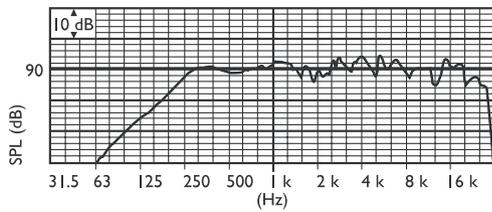
Technical Specifications

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 horizontal vertical	1 kHz / 4 kHz (-6 dB) 165° / 95° 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)	243 x 151 x 141/119 mm (9.5 x 5.9 x 5.6/4.7 in)
Weight	0.9 kg (2 lb)
Color cabinet / cloth (D) cabinet / cloth (L)	Black (D) or white (L) Matches RAL 9004 / RAL 9004 Matches RAL 9010 / RAL 7044

Environmental

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

Ordering Information

LB1-UW06-D Cabinet Loudspeaker 6 W, black	**LB1-UW06-D**
LB1-UW06V-D Cabinet Loudspeaker with Volume Control 6 W, black.	**LB1-UW06V-D**
LB1-UW06-L Cabinet Loudspeaker 6 W, white	**LB1-UW06-L**
LB1-UW06V-L Cabinet Loudspeaker with Volume Control 6 W, white	**LB1-UW06V-L**

Americas:
Bosch Communications Systems
12000 Portland Avenue South
Burnsville, Minnesota 55337, USA
Phone: +1-800-392-3497
Fax: +1-800-955-6831
audiosupport@us.bosch.com
www.boschsecurity.com

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2600
Fax: +65 6571 2698
apr.securitysystems@bosch.com
www.boschsecurity.com

Represented by