

LB20 Series

Installation as easy as 1-2-3

Premium commercial loudspeakers with easy wall mount system for indoor and outdoor applications



BOSCH

Invented for life

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- ▶ Designed with the contractor in mind, with unique time-saving and performance-enhancing features to simplify installation.
- ▶ Superior Bosch quality with controlled sound coverage for keeping background music focused and paging intelligible.
- ▶ Handles higher SPLs for use in bars, clubs and restaurants.



The LB20 series is the latest member of the Bosch family of commercial loudspeakers for indoor and outdoor applications. Acoustically matched and aesthetically compatible with other Bosch models, the LB20 series incorporates innovative features that efficiently and effectively address the real-world needs of both the installer and the end-user – easy

installation and exceptional Bosch audio performance in an incredibly versatile format.

The LB20 series was designed from the ground up to be the new go-to choice for distributed sound systems – compact and cost-effective with no compromises.



Models

The lineup includes 4-inch, 5.25-inch and 8-inch 2-way models with a matching dual-10-inch subwoofer, making it easy to select a suitable model for a specific space, indoors or outdoors. Each member of the series offers true weather-resistant construction, confirmed by extensive and rigorous testing above and beyond industry norms.

Applications

Combining low-profile looks with robust, set-it-and-forget-it reliability, they are ideal for bars, restaurants, patio areas, retail spaces, hotel hallways and lobbies, pool areas, airport lounges and concourses, fitness clubs, houses of worship, performing arts centers and similar venues.

Key Features:

- ▶ Innovative wall-mount system makes installation quick and easy.
- ▶ All models are IP54 certified for weather resistance; IP65-certified weatherproof versions are available for the 5.25-inch models and the dual-10-inch subwoofers.
- ▶ Low-Z (8 ohms) and transformer (70/100V) models available for maximum flexibility.
- ▶ Aesthetically pleasing: all wiring to the loudspeaker can be hidden; all models are paintable and feature removable grilles. Rotatable logos help maintain correct appearance for horizontal positioning.

Installation as easy as 1-2-3



1. PRE-WIRE

Installing the wall-mount is easy thanks to the built-in bubble level



2. PROTECT

Apply the paint cover to protect the wall-mount until construction is completed



3. PLACE

Simply slide the pre-wired loudspeaker onto the wall-mount and lock into place

Specifications

	LB20-PC40-4 / LB20-PC15-4	LB20-PC75-5 / LB20-PC30-5	LB20-PC60EW-5	LB20-PC90-8 / LB20-PC60-8	LB20-SW400
Frequency Response (-10 dB)	75 Hz – 20 kHz ¹	60 Hz – 20 kHz ¹	55 Hz – 20 kHz ¹	50 Hz – 20 kHz ¹	33 Hz – 500 Hz ¹
Sensitivity	87 dB ₂ / 86.5 dB ²	90 dB ²	89 dB ²	90 dB ²	94 dB ⁴
Max SPL	103 dB / 98.5 dB	109 dB	108 dB	110 dB	120 dB
Coverage Angle (H x V)	Horizontal 110° Vertical 110°	Horizontal 90° Vertical 90°	Horizontal 90° Vertical 90°	Horizontal 90° Vertical 90°	-
Power Handling	40 W / 15 W	75 W / 30 W	90 W	90 W / 60 W	400 W
Low Z	Yes / No	Yes	Yes	Yes	Yes
Nominal Impedance	8 Ω / -	8 Ω	8 Ω	8 Ω	8 Ω
Input Transformer (70 V / 100 V)	- / 15 W	- / 30 W	60 W	- / 60 W	Optional Accessory
Transformer Taps	70V: 15 W, 7.5 W, 3.5 W 100V: 15 W, 7.5 W	70V: 30 W, 15 W, 7.5 W, 3.5 W, 8Ω 100V: 30 W, 15 W, 7.5 W, 8Ω	70 V: 60 W, 30 W, 15 W, 7.5 W, 8Ω 100 V: 60 W, 30 W, 15 W, 8Ω	70 V: 60 W, 30 W, 15 W, 7.5 W, 8Ω 100 V: 60 W, 30 W, 15 W, 8Ω	Optional Accessory
LF Transducer	4 in (102 mm)	5.25 in (133 mm)	5.25 in (133 mm)	8 in (203 mm)	Two 10 in (254 mm)
HF Transducer	0.75 in (20 mm)	0.75 in (20 mm)	0.75 in (20 mm)	1 in (25 mm)	-
Connectors	Captive screws on wall bracket. Removable locking 4-pin connector (Euroblock) Max. wire size 12AWG (2.5 mm) ⁵	Captive screws on wall bracket. Removable locking 4-pin connector (Euroblock) Max. wire size 12AWG (2.5 mm)	Removable locking 4-pin connector (Euroblock) Max. wire size 12AWG (2.5 mm)	Captive screws on wall bracket. Removable locking 4-pin connector (Euroblock) Max. wire size 12AWG (2.5 mm)	Two removable locking 4-pin connector (Euroblock) – Input and output Max. wire size 12AWG (2.5 mm)
Environmental	IP-54 (per IEC-60529)	IP-54 (per IEC-60529)	IP-65 (per IEC-60529)	IP-54 (per IEC-60529)	IP-54 (per IEC-60529) IP-65 with port covers (included)
Color	Black (RAL 9004) or White (RAL 9003)				
Dimensions (H x W x D)	193 x 140 x 120 mm (7.6 x 5.5 x 4.7 in) ³	255 x 180 x 154 mm (10.0 x 7.1 x 6.0 in) ³	255 x 180 x 150 mm (10 x 7.1 x 5.9 in) ³	390 x 250 x 224 mm (15.4 x 9.8 x 8.8 in) ³	356 x 651 x 491 mm (14 x 25.6 x 19.3 in) ³
Net Weight	1.5 Kg (3.3 lb) ³ / 1.8 Kg (4.0 lb) ³	2.7 Kg (5.9 lb) ³ / 3.2 Kg (7 lb) ³	3.2 Kg (7.1 lb) ³	5.1 Kg (11.3 lb) ³ / 5.8 Kg (12.8 lb) ³	17.9 Kg (39.5 lb) ³
Shipping Weight (pair)	5.0 Kg (11.0 lb) / 5.4 Kg (11.9 lb)	6.7 Kg (14.8 lb) / 7.9 Kg (17.5 lb)	9.5 Kg (21 lb)	13.0 Kg (28.7 lb) / 14.8 Kg (32.6 lb)	21.0 Kg (46.3 lb)
Included Hardware	Mounting Bracket, Allen Wrench	Mounting Bracket, Allen Wrench	U-Bracket, Allen Wrench, Input Cover	Mounting Bracket, Allen Wrench	(2) Subwoofer feet, weather input cover, (2) IP-65 port covers
Packaged Quantity	2	2	2	2	1

1 Half Space (wall mounting)

2 Half Space (on wall) averaged 100 Hz – 10 kHz, 1 W

3 Without Bracket

4 Half space (on wall) averaged 50 Hz - 150 Hz, 1 W

5 Removable locking 4-pin connector (Euroblock) not available on the LB20-PC15-4

Bosch Security Systems

To learn more about the Bosch product offering, please visit www.boschsecurity.com or send an e-mail to emea.securitysystems@bosch.com

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