LB20 Series

Installation as easy as 1·2·3

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

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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.

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**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

| Model            | Frequency Response (-10 dB) | Sensitivity | Max SPL | Coverage Angle (H x V) | Power Handling | Low Z | Nominal Impedance | Input Transformer (70V / 100V) | Transformer Taps | LF Transducer | HF Transducer | Connectors | Environmental | Color | Dimensions (H x W x D) | Net Weight (1 Half Space (wall mounting)) | Shipping Weight (pair) | Included Hardware | Packaged Quantity |
|------------------|----------------------------|-------------|---------|------------------------|----------------|-------|------------------|-------------------------------|-----------------|--------------|--------------|------------|--------------|-------|-------------------|--------------------------------|---------------------|------------------|-------------------|----------------|
| LB20-PC40-4 / LB20-PC15-4 | 75 Hz – 20 kHz² | 87 dB² / 86.5 dB² | 103 dB / 98.5 dB | Horizontal 110° Vertical 110° | 40 W / 15 W | Yes / No | 8 Ω / - | - / 15 W | 70V: 15 W, 7.5 W, 3.5 W 100V: 15 W, 7.5 W | 4 in (102 mm) | 0.75 in (20 mm) | Captive screws on wall bracket. Max. wire size 12AWG (2.5 mm) EVD: 5.4 2T: Removable locking 4-pin connector (Euroblock) | Captain screws on wall bracket. | IP-54 (per IEC-60529) | Black (RAL 9004) or White (RAL 9003) |
| LB20-PC75-5 / LB20-PC30-5 | 60 Hz – 20 kHz² | 90 dB² | 109 dB | Horizontal 90° Vertical 90° | 75 W / 30 W | Yes | 8 Ω | 1 / 15 W | 70V: 30 W, 7.5 W, 5.5 W 100V: 30 W, 7.5 W, 5.5 W | 5.25 in (133 mm) | 0.75 in (20 mm) | Captive screws on wall bracket. Removable locking 4-pin connector (Euroblock) Max. wire size 12AWG (2.5 mm) | Environmental IP-54 (per IEC-60529) | IP-54 (per IEC-60529) | 193 x 140 x 120 mm (7.6 x 5.5 x 4.7 in)³ | 1.5 Kg (3.3 lb)³ / 1.8 Kg (4.0 lb)³ | 5.0 Kg (11.0 lb) / 5.4 Kg (11.9 lb) | Mounting Bracket, Allen Wrench | 2 |
| LB20-PC60EW-5 | 55 Hz – 20 kHz² | 89 dB² | 108 dB | Horizontal 90° Vertical 90° | 90 W | Yes | 8 Ω | 60 W / - | 70V: 60 W, 30 W, 15 W 100V: 60 W, 30 W, 15 W 15 W, 8Ω | 5.25 in (133 mm) | 0.75 in (20 mm) | Captive screws on wall bracket. Removable locking 4-pin connector (Euroblock) Max. wire size 12AWG (2.5 mm) | Environmental IP-54 (per IEC-60529) | IP-54 (per IEC-60529) | 255 x 180 x 154 mm (10.0 x 7.1 x 6.0 in)³ | 2.7 Kg (5.9 lb)³ / 3.2 Kg (7 lb)³ | 6.7 Kg (14.8 lb) / 9.9 Kg (17.5 lb) | Mounting Bracket, Allen Wrench | 2 |
| LB20-PC90-8 / LB20-PC60-8 | 50 Hz – 20 kHz² | 90 dB² | 110 dB | Horizontal 90° Vertical 90° | 90 W / 60 W | Yes | 8 Ω | 1 / 60 W | 70V: 60 W, 30 W, 15 W 100V: 60 W, 30 W, 15 W 15 W, 8Ω | 8 in (203 mm) | 1 in (25 mm) | Removable locking 4-pin connector (Euroblock) Max. wire size 12AWG (2.5 mm) | Environmental IP-54 (per IEC-60529) | IP-65 (per IEC-60529) | 255 x 180 x 150 mm (10.0 x 7.1 x 5.9 in)³ | 3.2 Kg (7.1 lb)³ | 9.5 Kg (21 lb) | Mounting Bracket, Allen Wrench, Input Cover | 2 |
| LB20-SW400 | 33 Hz – 500 Hz² | 94 dB¹ | 120 dB | 55 Hz – 20 kHz² | 400 W | Yes | 8 Ω | - / 15 W | 70V: 60 W, 30 W, 15 W 100V: 60 W, 30 W, 15 W 15 W, 8Ω | 8 in (203 mm) | - | Two removable locking 4-pin connector (Euroblock) – Input and output Max. wire size 12AWG (2.5 mm) | Environmental IP-65 with port covers (included) | IP-65 (per IEC-60529) | 390 x 250 x 224 mm (15.4 x 9.8 x 8.8 in)³ | 5.1 Kg (11.3 lb)³ / 5.8 Kg (12.8 lb)³ | 13.0 Kg (28.7 lb) / 14.8 Kg (32.6 lb) | U-Bracket, Allen Wrench, 2 Subwoofer feet, weather input cover, (2) IP-65 port covers | 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

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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