

# LB6-100S Compact Sound Speaker System



**BOSCH**

Invented for life



# Flexible, scalable background music (BGM) solution

for a wide range of architectural environments, including retail spaces, offices, and restaurants.

## Five interchangeable models offer flexible combinations for bigger sound, smaller size, and easy installation

Bosch introduces the new Compact Sound speaker series of small-format installed audio products.

The Compact Sound speaker series is designed to offer an unparalleled performance-to-size ratio in the small-format installed sound category. The series includes five sonically and aesthetically matched models which allow complete systems to be customized more effectively and

more economically: subwoofer and satellite speakers for surface-mounting, subwoofer and satellite speakers for ceilings, and a pendant speaker.

Individual models may be mixed with one another for optimal results according to application, and all stand apart from other available products by providing a unique combination of superior Bosch sound quality, stylish design, smaller size, and simpler installation.



## Common system features:

- ▶ “BGM” in a box: Purchase either a complete pre-packaged system or mix-and-match satellite models with any subwoofer to meet décor or installation requirements.
- ▶ Direct connection of satellites to subwoofer – substantially simplifies wiring.
- ▶ Balanced crossover circuits seamlessly blend the output of these high-quality loudspeakers so that the audio system seems to disappear, leaving only the music.
- ▶ Subs feature a large 8” woofer for increased LF output and more pleasing sound at lower volumes.
- ▶ Supports 100 W, 70/100 V, and 4/8 ohm audio connections.



High-quality audio with acoustically balanced crossover point eliminates localized sub effect so system sonically 'disappears.'



#### Pendant-mount

- ▶ 2" full-range transducer – acoustically matched to ceiling and surface-mount satellite versions.
- ▶ Attractive compact design.
- ▶ Concealed wire connection with pass-thru Phoenix plug for easy wiring.
- ▶ UL-rated quick-mount pendant cable included.
- ▶ Designed to be exclusively used with either the Compact Sound Ceiling or Surface mount subwoofers.
- ▶ Available in white finish.



#### Ceiling

- ▶ Quick-install design with captive mounting tabs to fit nearly any ceiling construction.
- ▶ Four-pin Phoenix connectors on ceiling satellite speakers support pass-thru wiring.
- ▶ UL 2043/1480 ratings allow for use in signaling applications and plenum air spaces.
- ▶ Ceiling cutout templates and all mounting accessories included.
- ▶ Available in white finish.



#### Surface-mount

- ▶ Simplified mounting design for satellites – enables quicker installation while allowing for significant articulation and range of motion.
- ▶ Attractive subwoofer design with full-face grille – blends in to environment.
- ▶ Supports stereo operation with 8-ohm audio connections.
- ▶ Quick-mount slide-on wall bracket included.
- ▶ Compact sub and satellites offer surprising performance-to-size ratio.
- ▶ Available in black or white finishes.

\* Products not shown to scale.

## A Tradition of Quality and Innovation

For 125 years, the Bosch name has stood for quality and reliability. Bosch is the global supplier of choice for innovative technology, backed by the highest standards for service and support.

Bosch Security Systems proudly offers a wide range of security, safety, communications and sound solutions that are relied upon every day in applications around the world, from government facilities and public venues to businesses, schools and homes.



SPECIFICATIONS	LB6 SW100 surface sub	LB6 S surface satellite	LC6 SW100 ceiling sub	LC6 S ceiling satellite	LP6 S pendant
<b>Frequency Response (-10 dB)</b>	42 Hz - 300 Hz	180 Hz - 20 kHz	45 Hz - 300 kHz	180 Hz - 20 kHz	180 Hz - 20 kHz
<b>Power Handling</b>	200 W	30 W	200 W	30 W	30 W
<b>Sensitivity</b>	88 dB	84 dB	88 dB	84 dB	84 dB
<b>Impedance</b>	Dual 8 ohm / mono 4 ohm	w16 ohms	mono 4 ohm	16 ohms	16 ohms
<b>Maximum SPL</b>	114 dB	100 dB	114 dB	100 dB	100 dB
<b>Voice Coverage (H x V)</b>	Omnidirectional	150° x 150°	Omnidirectional	150° x 150°	150° x 150°
<b>Music Program Coverage (H x V)</b>	Omnidirectional	100° x 100°	Omnidirectional	100° x 100°	100° x 100°
<b>Transducer</b>	200 mm (7.87 in)	50 mm (1.97 in)	200 mm (7.87 in)	50 mm (1.07 in)	50 mm (1.07 in)
<b>Bracket Adjustment Range (H x V)</b>	Fixed	160° x 60°	N/A	N/A	N/A
<b>Connectors</b>	Phoenix (2-pin)	Phoenix (2-pin)	Phoenix (2-pin)	Phoenix (4-pin)	Phoenix (4-pin)
<b>Enclosure</b>	Wood (MDF)	ABS (fire rated)	Steel & ABS (fire rated)	Steel & ABS (fire rated)	ABS (fire rated)
<b>Transformer Taps</b>	100 W, 50 W, 25 W, 12.5 W	N/A	100 W, 50 W, 25 W, 12.5 W	N/A	N/A
<b>Dimensions (H x W x D)</b>	400 mm x 400 mm x 230 mm (15.75 in x 15.75 in x 9.06 in)	115 mm x 85 mm x 95 mm (4.53 in x 3.35 in x 3.75 in)	316 mm x 373 mm (12.44 in x 14.69 in)	119 mm x 135 mm (4.7 in x 5.3 in)	201 mm x 113 mm (7.92 in x 4.45 in)
<b>Net Weight (Individual Units)</b>	12.05 kg (26.55 lb)	0.5 kg (1.1 lb)	9.52 kg (21 lb)	0.82 kg (1.8 lb)	0.73 kg (1.6 lb)
<b>Shipping Weight</b>	1 sub and 4 satellites: 18.26 kg (40.25 lb)		1 sub and 4 satellites: 19.05 kg (42 lb)		2.04 kg (4.5 lb) per pair
<b>Included Accessories</b>	Wall bracket; hex wrench	Wall bracket; hex wrench	C-Ring, Tile Rails	C-Ring	Suspension cable

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