

How to enhance the atmosphere in your restaurant

Communication – Business Music and Public Address



BOSCH

Invented for life



Restaurant owners strive continuously to improve the guest experience. Let's take a look at how you can create a more desirable atmosphere by adding business music in your restaurant:

Establish the right atmosphere

Our music system is known to enhance the guest experience. Load it on a media set, MP3 player, smart phone, or PC with a digital music library, or stream music directly from the Internet to the Bosch business music system. Our compact and stylish loudspeakers will generate exceptional sound to give your restaurant the right atmosphere.

Get your message across

Need to make an announcement to your guests or employees? A microphone is connected to our sound system that will enable you to distribute clear audio messages. For example, at the same time that music is playing in the seating area, you can address your employees in the kitchen.

Bring balance to the ambiance

Your music system should compliment your restaurant's atmosphere. It's for this reason that our LB6 Compact Sound Speaker System consists of a central subwoofer and four compact, powerful, and aesthetically pleasing satellite loudspeakers.

Realize easy system operation

It should be easy for your staff to operate the Bosch music system. That's why we have outfitted the central system console (the amplifier) with colored indicators, to show the preferred volume, sound balance, and clear source labeling.

Bosch Security Systems has the answer.

Example of a restaurant with business music



The above schematic gives an example of how to create a good atmosphere in your restaurant:

- 1 The amplifier, music source and call station can be fitted beneath the counter
- 2 The LB6 Compact Sound Speaker System is installed within the seating area.
- 3 An LC1 ceiling speaker is placed within the kitchen and staff room.

Installers information



Mixer amplifier

Separate music inputs are available on the amplifier with their own input selector, volume control, and label where the user can write the names for inputs, music sources, and zones. A limiter is integrated into the output stage for total reliability and ease of use. This will also restrict output if the user applies too much

signal. The sum of all loudspeakers in Watts should not exceed the output power of the mixer amplifier.

LB6 Compact Sound Speaker System

This system consists of a central subwoofer for the lower frequencies and 4 unobtrusive satellite speakers, which give a pleasing audio performance. The subwoofer

consists of an 8” transducer with a port for extended bass response. Installation is easy, with Phoenix-style connectors for quick wiring (supports 4/8 ohm inputs or 70/100 V audio connections). The satellite speakers consist of 2” wide-range mid/high-frequency driver designed for broad and even coverage. The enclosure is made of durable, high-impact ABS.

LC1 Ceiling speaker

This general purpose, 12 W ceiling loudspeaker is suitable for 100 V connections with power tapping of 6, 3, and 1.5 W. The loudspeaker frame, grill, and back box are manufactured from self-extinguishing ABS in accordance with UL 94V0. The loudspeaker has a ceramic screw-terminal connection block, thermal fuse, and heat-resistant, high-temperature wiring.

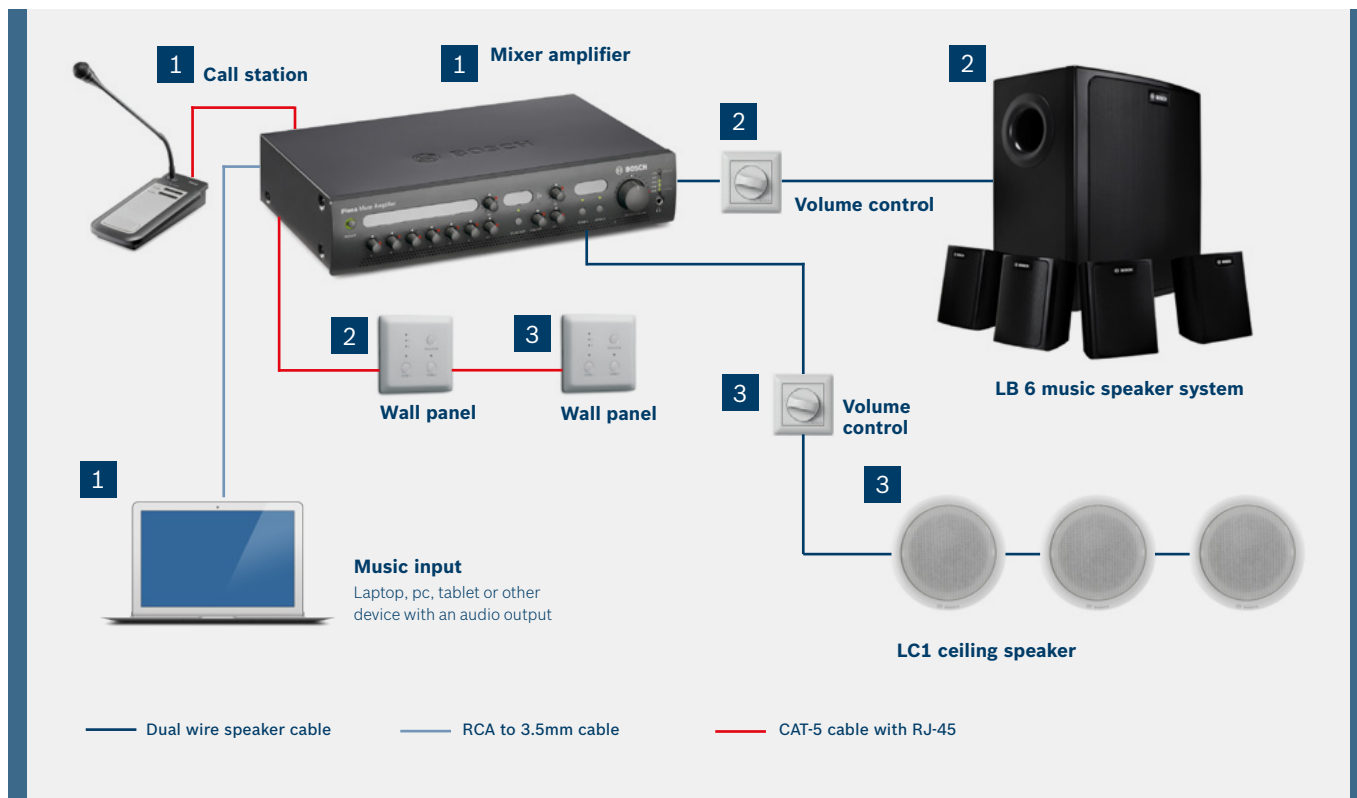
High quality loudspeakers

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 improved reliability under extreme conditions, leading to higher customer satisfaction, longer operating life, and a decrease of failure or performance deterioration. Additionally, Bosch performs extensive acoustical measurements to ensure high-quality audio.








Easy installation

Our specific audio transportation technology on 100 V will connect speakers to the amplifier with a single inexpensive pair of loop-through wires, instead of running expensive speaker cables to every speaker.

Example of a business music and public address system



Products used in this example

Image	Product name	Ordering code	Corresponds with number in drawing on page 2 and 3.	Description
	Plena Mixer Amplifier	PLE-2MA240-EU, 240W PLE-2MA120-EU, 120W	1	6 microphone/line inputs plus 3 music source inputs 100 V telephone and a call station input with priority & VOX 2 zones and announcement only output Voice activated emergency override
	Call station	PLE-2CS	1	This tabletop microphone is a stylish, high quality tabletop unidirectional condenser microphone, intended for making calls in a public address system. Its heavy metal base and rubber feet ensure stability on any flat surface.
	Music loudspeaker system	LB6-100S-D (Black color) LB6-100S-L (White color) LC6-100S-L (Ceiling speakers, white color)	2	The LB6 Music Speaker System combines form and function, with stylish, architecture-friendly design, a best-in-class performance-to-size ratio, and user-friendly installation and operation. This unobtrusive system is designed to provide exceptional background/foreground audio performance.
	Modular Ceiling Loudspeaker	LC1-UM12E8	3	Excellent speech and music reproduction Easy installation with one grille size and one complete set of accessories Choice of different ceiling mounting methods
	Mounting support bracket	LC1-MMSB	3	The metal Mounting Support Bracket has two ceiling clamps, which are secured with thumb screws in the ceiling hole.
	Volume Control	LBC 1411/20 Volume Control 36 W, U40, failsafe version LBC 1420/20 Volume Control 100 W, MK D/E2, failsafe version	2 3	12 W, 36 W and 100 W versions Available in power-save or failsafe versions Built-in 24 VDC override relay Continuous rotating system
	Wall panel	PLE-WP3S2Z-EU	2 3	Can be used for all Plena Easyline (PLE) mixer amplifiers Remote selection of three music source inputs Remote zone selection Daisy-chain of multiple wall panels

Bosch Security Systems
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