



**Installed audio
solutions**
for supermarkets

Installed audio solutions for supermarkets

Background music is a crucial component of a superior customer experience, while in-house announcements ensure a clear call-to-action for employees.

Supermarkets therefore rely on professional-quality audio now more than ever.

Bosch offers a wide range of options that cater to the specific needs of supermarkets, and, with decades of experience in this area, we are a partner you can trust.

We offer more



Local support and customer service

We are present in more than **150 countries** and focus on putting our customers first. **Experts** with the required **knowledge** will help answer your questions and address any challenges together with you.



Product reliability and partnership

As a customer, you need to be able to rely on the **quality** of your audio system, the coverage provided by the Bosch **warranty**, and the **trust** you can place in Bosch as a partner.



Broad portfolio of electronics and loudspeakers

We address customer needs with sound solutions that offer **high performance** while being **low profile and easy to install**, for **retail applications of every size**.



Installed audio solutions for supermarkets

Listening to customer requirements

Details

- Energy-efficient system, typically covering 650 square meters
- Potentially different zones (music per section, indoor/outdoor areas)
- Loudspeakers optimized for speech, background music and occasional announcements
- Basic front panel control or in-store volume controls
- Compact electronics require minimal rack space

System requirements



Zone volume can be independently adjusted



Flexible control via wall panel, PC or mobile devices

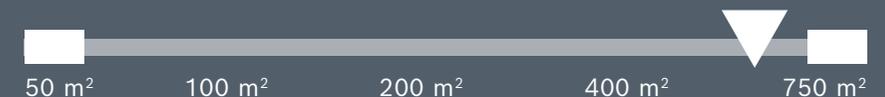


Priority input for emergency broadcast announcements

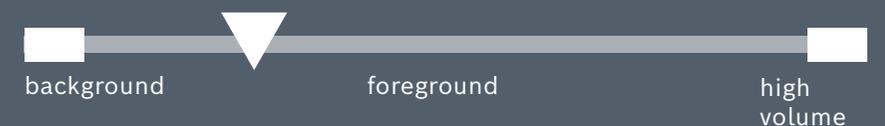


Customer profile:

Area to cover



Sound level



Bosch installed audio for supermarkets

Products for applications of every size

1. Electronics



PLE-1ME240

Robust mixer with built-in high-impedance amplification for music and announcements.



2. Loudspeakers



LC9-UC06B

Low-profile flush-mount ceiling loudspeaker for distributed audio, with adjustable output for even coverage.



3. Integration

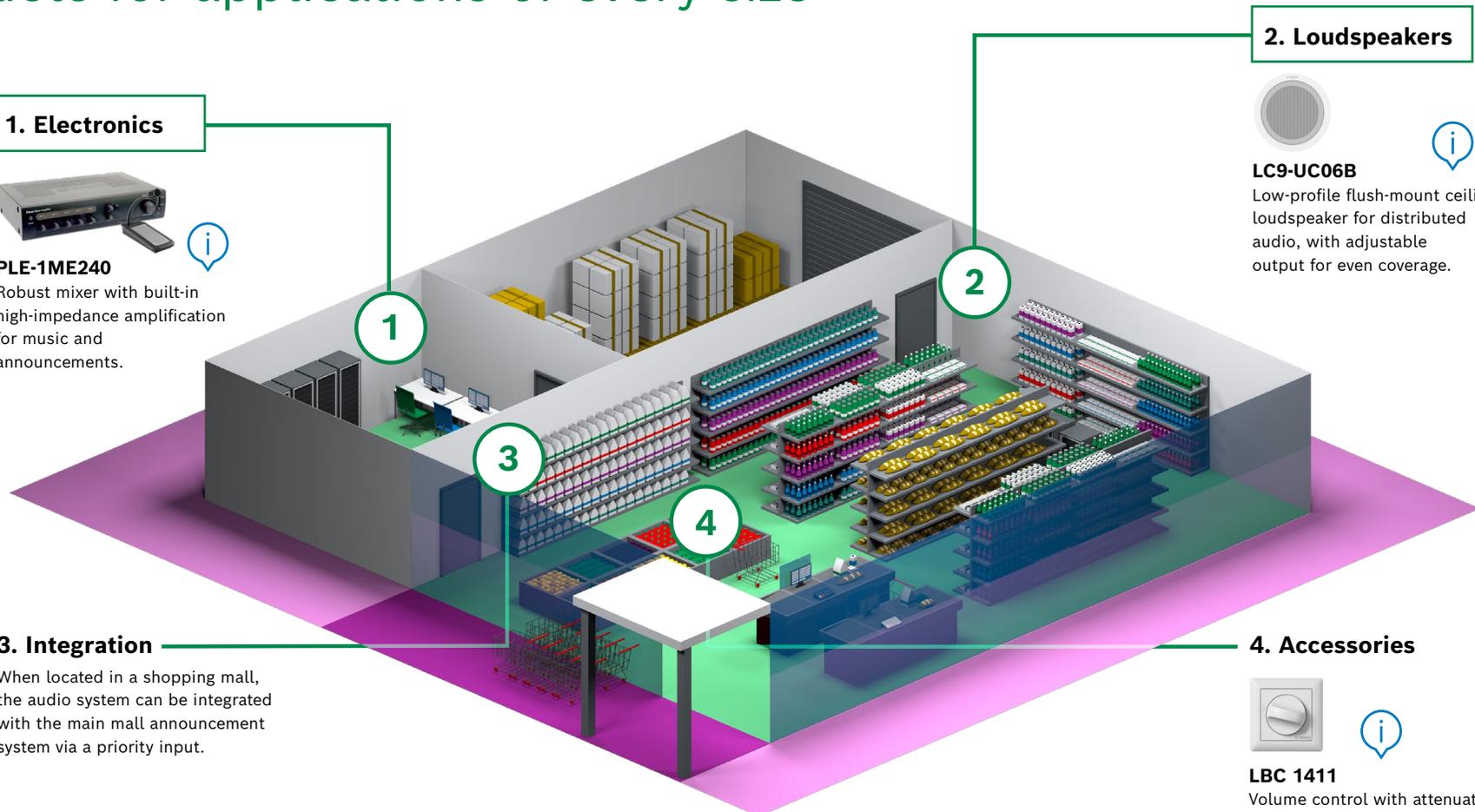
When located in a shopping mall, the audio system can be integrated with the main mall announcement system via a priority input.

4. Accessories



LBC 1411

Volume control with attenuation steps to remotely set the volume for the main retail space and/or adjacent areas.



1- Electronics

PLE-1ME240 PLENA mixer amplifier

This mixer with integrated amplifier offers a single-zone budget solution for background music and the occasional announcement made from an all-call call station in the checkout area.

A music source such as the PLENA PRM-UST or line-level from a PC music streamer can be connected to a music input. The chosen music source and announcements can be heard on the shop floor. The mixer allows the creation of a call-only zone for the storage area, where only announcements are heard.

The integrated 240 W amplifier delivers sufficient power to connect (for example) 40x 6 W ceiling loudspeakers – more than enough to cover the total store.

When located in a shopping mall, an emergency input can be used to connect to the mall's main announcement/voice alarm system.



Details:

- One zone, total of 240 W and one channel
- Microphone/line inputs and music-source input
- All-call call station PLE-1SCS
- Announcement-only output
- Input channel 1 can take priority over all other inputs in case of emergency messages

1- Electronics

PLE-2MA240 PLENA priority mixer amplifier, 2-zone, 240 W

This mixer with integrated amplifier supports the retail space with zoned background music and occasional announcements made from a zone call station in the checkout area.

A music source like the PLENA PRM-UST or line-level from a PC music streamer can be connected to a music input. The selected music source and announcement can be heard in zone one (shop floor), zone two (storage area), or both.

The integrated 240 W amplifier delivers sufficient power to connect (for example) 40x 6 W ceiling loudspeakers – more than enough to cover the entire store.

When located in a shopping mall, an emergency input can be used to connect to the mall's general announcement / voice alarm system.



Details:

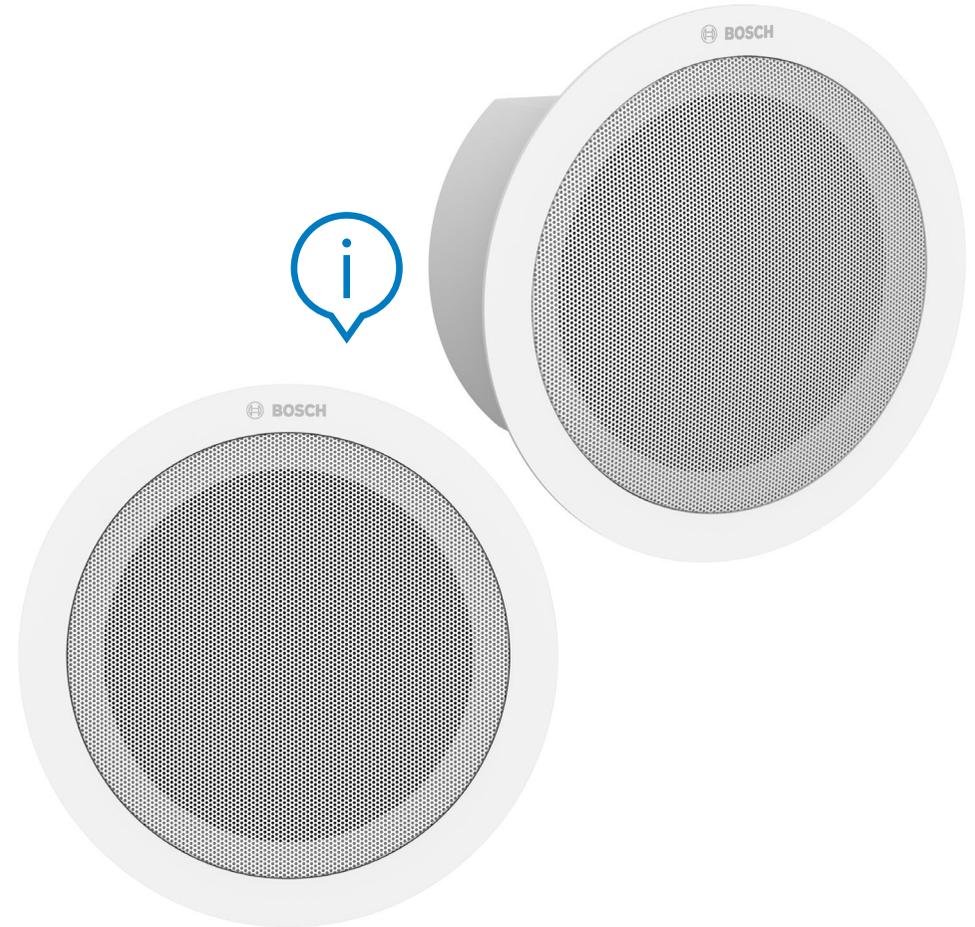
- Two zones, a total of 240 W and one channel
- Microphone/line and music-source inputs
- 100 V emergency input and dedicated input for two-zone call station PLE-2CS
- Music-only output for outside area without announcement
- Optional wall-control panel for remote music on/off in zone one and/or zone two
- Input channels 1 and 2 can take priority over all other inputs for emergency messages

2- Ceiling loudspeakers

LC9-UC06B ceiling loudspeaker

For supermarkets with a suspended ceiling, the LC9-UC06 and LC9UC06B – B refers to the back-box for over-ceiling dust protection – are compact, general-purpose and cost-effective ceiling-mount loudspeakers with a sturdy perforated metal grille.

Available as a 6 W model with four power taps to adjust output per area.



2- Wall-mount loudspeakers

LBC3011/51 + LBC3012/01

For supermarkets where wall mounting is required – for example, in a space with open ceilings – the LBC3011/51 panel loudspeaker and matching surface-mount boxes LBC3012/01 are a perfect solution for background music and announcements.

Using the built-in volume control, the loudspeaker's output can be precisely adjusted to the right level for a specific area.

Details:

- No mounting box needed – panel loudspeaker can be flush-mounted into rectangular cut-out
- Also available without volume control (LBC3011/41)
- The white RAL 9010 color speakers are injection-molded from self-extinguishing, high-impact ABS material (according to UL 94V0)

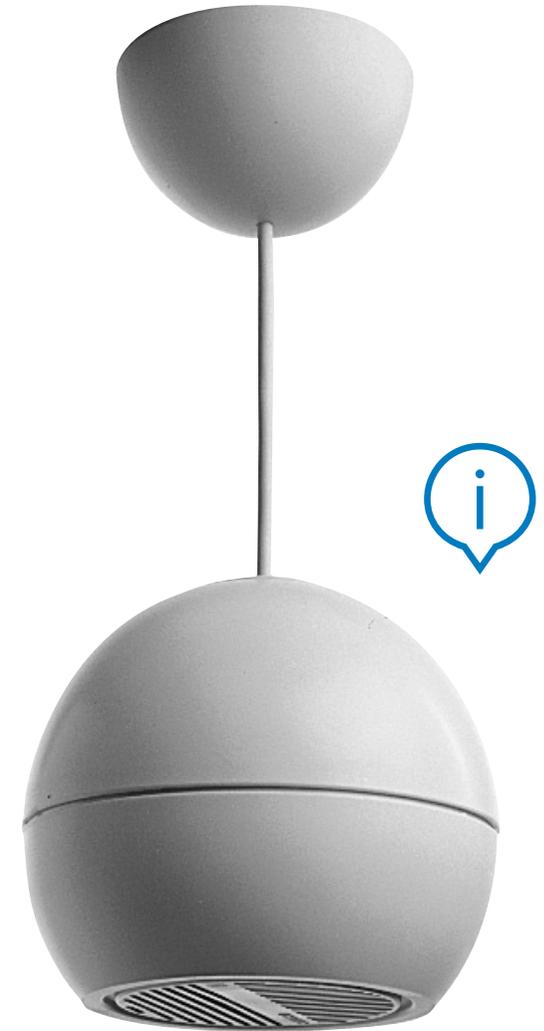


2- Ceiling loudspeakers

LBC3095/15 pendant loudspeaker

The pendant sphere is ideal for retail spaces with an open or suspended ceiling. A 5 m connecting cable is included.

The pleasing shape and neutral color, in combination with excellent sound spread (opening angle of 180° @1 kHz, 125° @2 kHz and SPL max of 99 dB), makes them ideal for unobtrusive-yet-solid background music and intelligible announcements.



4- Accessories

LBC 14xx/x0 U40 volume controls + LBC 1431/10 program selector

Public address systems are often used for both announcements and background music distribution. Volume controls can be used to adjust the level locally. In addition to volume control, program selectors can also be installed to select five different programs locally. In the event of an emergency announcement, the built-in relay ensures that the message is broadcast at a preset level, independent of the local volume setting.

Details:

- 12 W, 36 W and 100 W versions
- Available in power-save or failsafe versions
- Built-in 24 VDC override relay
- Continuous rotating system
- Suitable for three- and four-wire systems



Invented for life



Contact information -