

LC4 Wide Angle Ceiling Loudspeaker

Most compact. Widest impact.



BOSCH

Invented for life



EN54-24

EVAC Certified
Emergency
Voice Alarm

Compact, quality and unmatched coverage

- ▶ Industry-leading wide opening angle reduces number of speakers required
- ▶ Wide frequency response for high-quality speech and background music
- ▶ Easy to install in tight spaces
- ▶ Attractive flush-mount design matches any décor
- ▶ EN54-24 certified*



Superior audio with fewer units

For over 60 years Bosch has been an innovative pioneer in Public Address & Voice Alarm systems and loudspeakers. The LC4 Wide Angle Ceiling Loudspeaker is the latest product from Bosch in this strong tradition. Its extremely wide opening angle (180° at 4 kHz) delivers high-quality audio with a wide frequency range over a large area, so you can use fewer units than is normally recommended. Superior acoustical components create the ideal sound environment. Furthermore, high-quality background music and clear voice announcements are backed up by Voice Alarm product certification for emergency messaging.

*Under certification

Convenient rotating screw clamps for easy installation

Easy to snap-on ABS back-box
(included in EN54-24 certification*)



Compact size for installation in tight spaces

Paintable, removable grill

Unbeatable wide opening angle for
uniform, wide coverage



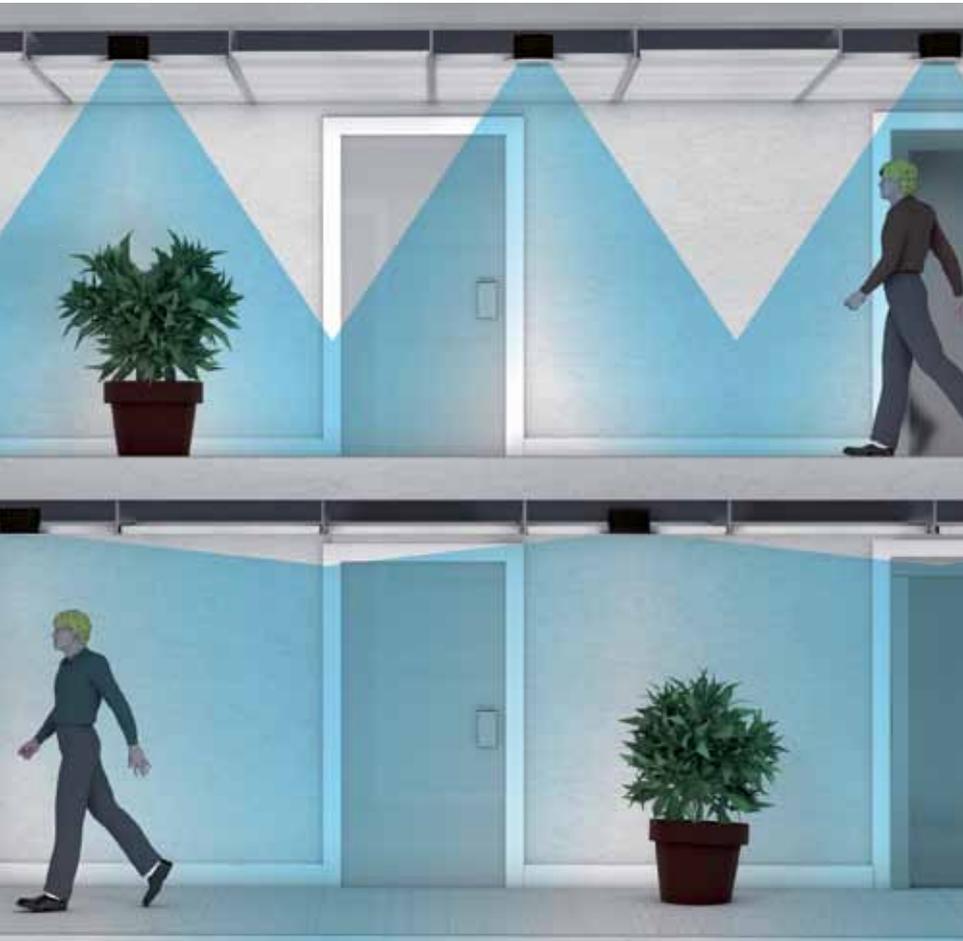
Compact design for tight applications

The LC4's compact size is especially designed for tight installation spaces, such as the low false ceilings found in commercial buildings, hotels and cruise ships. The loudspeaker can be mounted in soft or hard ceiling material with a thickness of up to 50 mm. Furthermore, because the loudspeaker has a separate, paintable grille, it's easy to match the LC4 with any interior design scheme.

Unbeatable wide opening angle

With its industry-leading wide opening angle and a wide frequency response the LC4 loudspeaker provides maximum sound distribution uniformity and speech intelligibility. This consistent acoustic performance eliminates the undesirable phenomenon where full range sound is only experienced right below the speaker and the high frequencies fade away as the person moves on. The LC4 is extremely cost-effective too, as the wide opening angle means you need fewer loudspeakers in the ceiling compared to traditional ceiling speakers.





Uniform sound distribution

Top: A traditional configuration using speakers with smaller opening angles. Additional speakers are required to provide complete coverage. Even so, in low ceiling areas major fluctuations in the audio output still occur as the person walks by.

Bottom: An LC-4 configuration using speakers with the widest opening angles. Fewer speakers are needed and passers-by experience consistent audio quality at all times.





The tapping switch enables power output to be changed after the speaker is mounted.

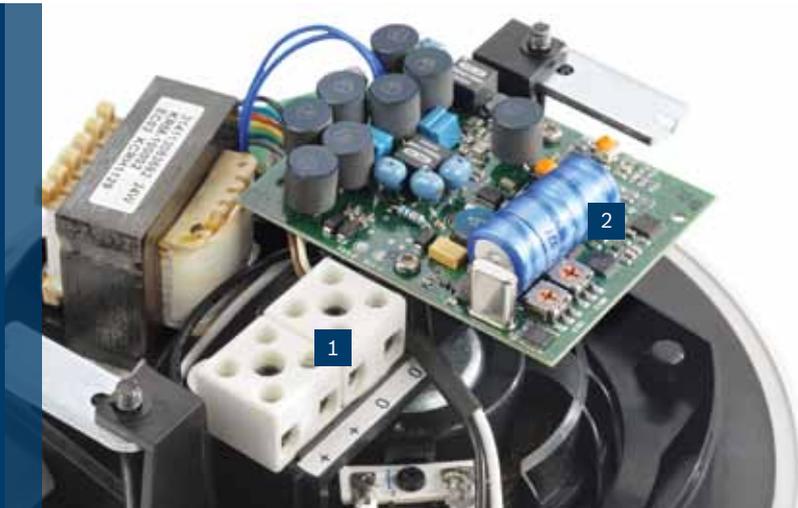
Installation-friendly mounting accessories

With the LC4 speaker range, installation could not be easier or quicker. An optional ABS back-box can be easily snapped on to the rear of the LC4. The combination of ceiling loudspeaker with back-box prevents sound travelling via the ceiling cavity to adjacent areas, and fully protects the rear of the loudspeaker from dust, falling objects, and vermin. For applications in which fire resistance is an issue, each speaker can be fitted and connected easily into a single type of fire-dome. An innovative ceramic connector with a “loop through” facility on the fire-dome allows stiff E30 system cable to be pre-wired and tested prior to connecting to the ceiling speaker. This reduces installation time while maintaining EVAC compliancy.

1 Two ceramic blocks ensure easy connection of cables.

2 Optional Bosch supervision board

3 Convenient rotating screw clamps for hassle-free installation.



A range of high-quality compact speakers

The LC4 loudspeaker range comprises 6 W, 12 W and 24 W units at 100/70 V, with a tapping switch for selection of full-power, half-power, quarter-power or eighth-power. Traditional 8 Ohm cable connection is also possible. All units have the same grille size and can be used in combination with the same accessories.

Model	Removable Grill	Metal Firedome (5)	ABS Back Box (4)	Opening Angle @ 1, 2, 4kHz	Rated Power
1 LC4-UC06	•	Optional	Optional	180°	6W
2 LC4-UC12	•	Optional	Optional	180°	12W
3 LC4-UC24	•	Optional	Optional	180°	24W



Bosch reliability for certified solutions

The LC4 Wide Angle Ceiling Loudspeaker is certified for EN54-24* and meets all necessary standards for voice alarm installations (EN60849, BS5839:8 and ISO 7240-19). It features two ceramic terminal blocks, and provision for a Bosch line supervision board.

With its wide coverage and features for easy installation and maintenance, the LC4 is the ideal ceiling loudspeaker range for e.g. commercial buildings, hotels and cruise ships.

*Under certification

A Tradition of Quality and Innovation

For over 100 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.

Bosch Security Systems

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

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