

Modular Ceiling Loudspeaker

The smart sound solution for all ceilings



BOSCH

Invented for life



EN54-24 EVAC Certified
Emergency
Voice Alarm

Designed with the **installer** in mind

- ▶ **Perfect for almost all ceiling situations**
- ▶ **Innovative modular architecture**
- ▶ **Easy installation & maintenance**
- ▶ **Exceptional cost-effective solution**



Versatility meets simplicity

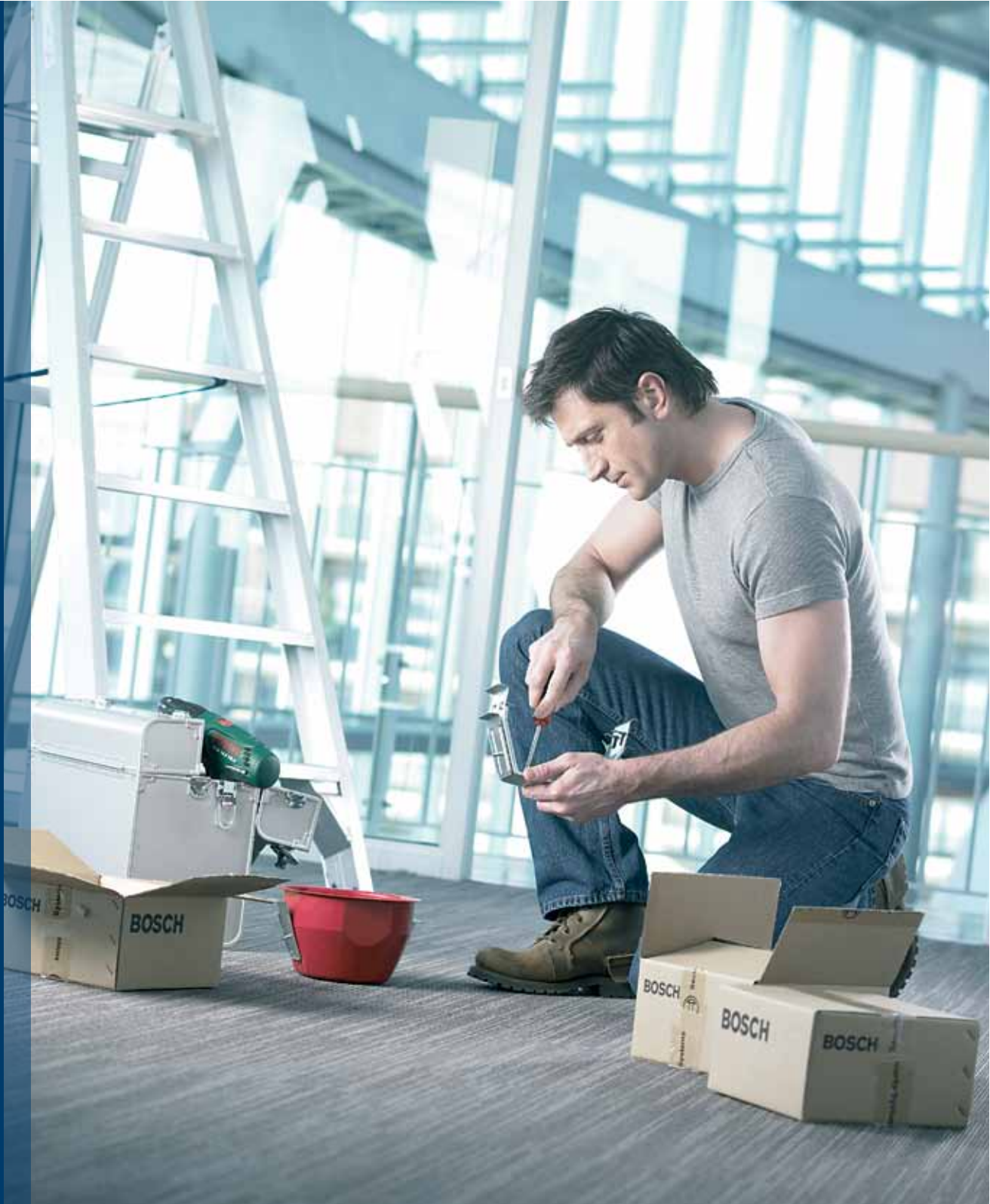
The Modular Ceiling Loudspeaker range by Bosch can be used for a wide variety of ceiling environments. Developed with the installer in mind, it can save up to 30% time per installation through smart packaging and intelligently designed parts, like the patent-pending ceramic connector with a "loop through" facility (on the fire-dome), which makes a difficult installation much easier. With its innovative modular design and quality acoustics, the Modular Ceiling Loudspeaker range by Bosch is bound to attract attention.

Modular design

With a choice of transducers differentiated by input power and acoustical performance, installers can select components based on the desired application. This single speaker range offers optimal solutions for almost any ceiling situation. And with a standard sized grill, the Modular Ceiling Loudspeaker allows for an attractive and uniformed look, independent of area specific acoustic requirements. While providing plenty of choice, standardized components ensure that ordering and stocking is simple and straightforward.



Fitting all four loudspeakers, the two mounting options - the U-bracket and the mounting ring - make installation quick and easy. Left, the mounting ring option combined with a back box which protects against dust and vermin.





Multiple installation possibilities

Easy to install, the Modular Ceiling Loudspeaker by Bosch features a range of mounting methods to cover almost every possible installation need. With a choice of four different speaker versions and optional Pilot Tone Indication and Supervision Boards available for all of them, the Modular Ceiling Speaker represents the perfect combination of selection and ease.

Intelligent packaging

In order to take full advantage of the modular architecture, Bosch has developed a modular packaging scheme. In the installation box, all parts are separately packaged in the order in which they are required for installation.

This makes for a clean, organized installation, protecting against error and accidental damage.

For applications in which fire safety 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.



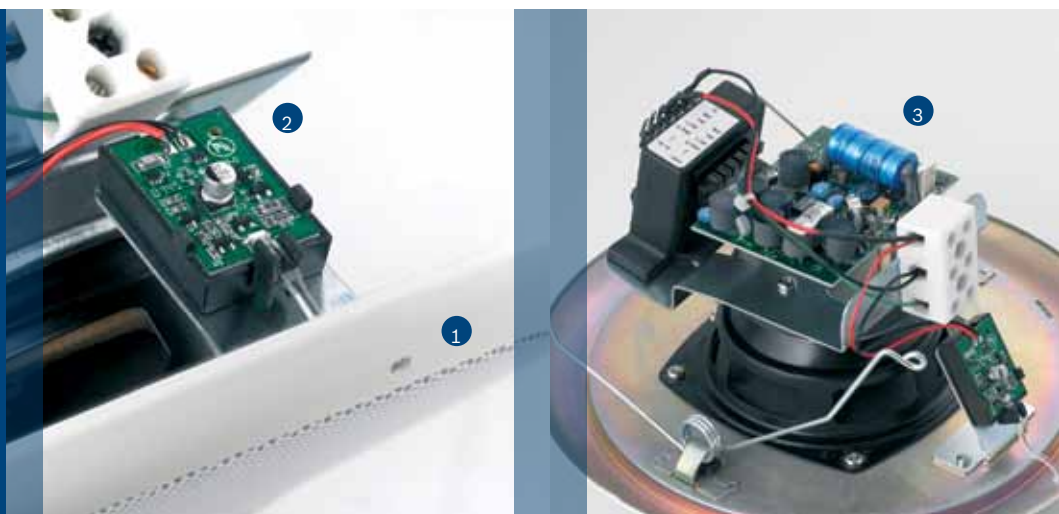


In situations where it is not possible to flush-mount a speaker – for instance, on hard surface ceilings – a stylish Surface Mounting Box makes installation easy and elegant.

Effortless maintenance

Making it easy to ensure that the signal is reaching the loudspeaker Bosch has included a pilot tone indication board and optional LED status indicator light visible in the rim of the grille of the ceiling speaker. For advanced speaker maintenance, there is even a provision for mounting optional supervision boards – a unique Bosch innovation.

The **LED status indicator** (1) light clearly signals whether a speaker is functioning properly. This option can dramatically reduce the service time required to track down defect speakers, resulting in impressive cost savings. Pilot tone indication board (2) and Line Supervision Board (3)



Bosch reliability for certified solutions

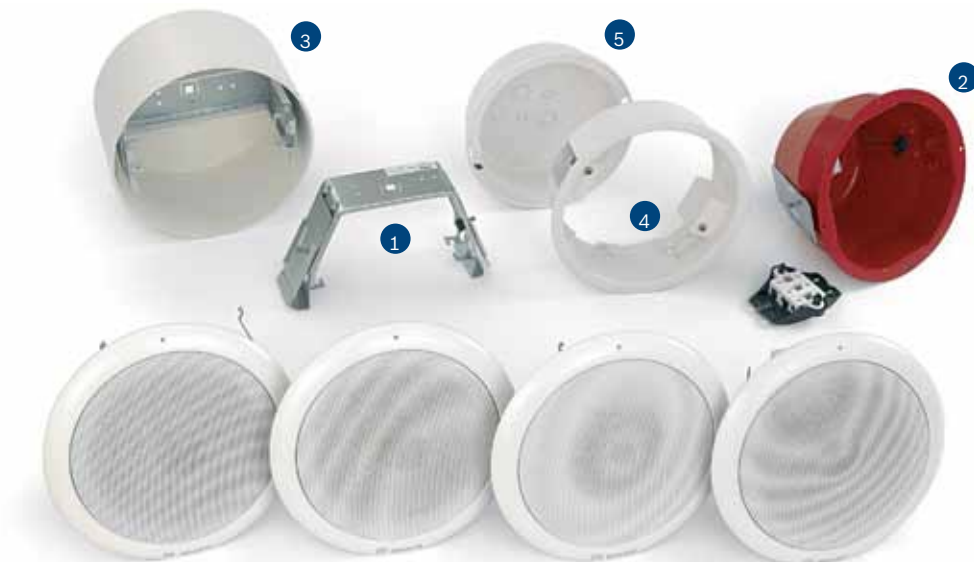
The Modular Ceiling Loudspeakers by Bosch are certified for EN54-24 and meet all necessary standards for voice alarm installations (EN60849 and BS5839 : 8).

	Mounting accessories				
	Metal U-Bracket	Metal Firedome	Surface Mounting Box	Mounting Ring	Back Box*
	1	2	3	4	5
Flush mounting installation	•	•		•	•
Surface mounting installation	•	•	•		
Pendant installation			•		

All four speaker versions [6W - 4", 6W - 6" Dual Cone, 12W - 6" Coaxial, 24W - 6" Coaxial] are available for all installation methods.

A optional **Pilot Tone Indication Board** and **Supervision Board** can be used with all Modular Ceiling Speakers.

*Back Box to be used in conjunction with Mounting Ring.



With its intelligent design, the Modular Ceiling Loudspeaker range by Bosch is easier than ever to select, install and maintain.

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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