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Bosch XLA 3200 Line Array Loudspeaker

Taking sound further



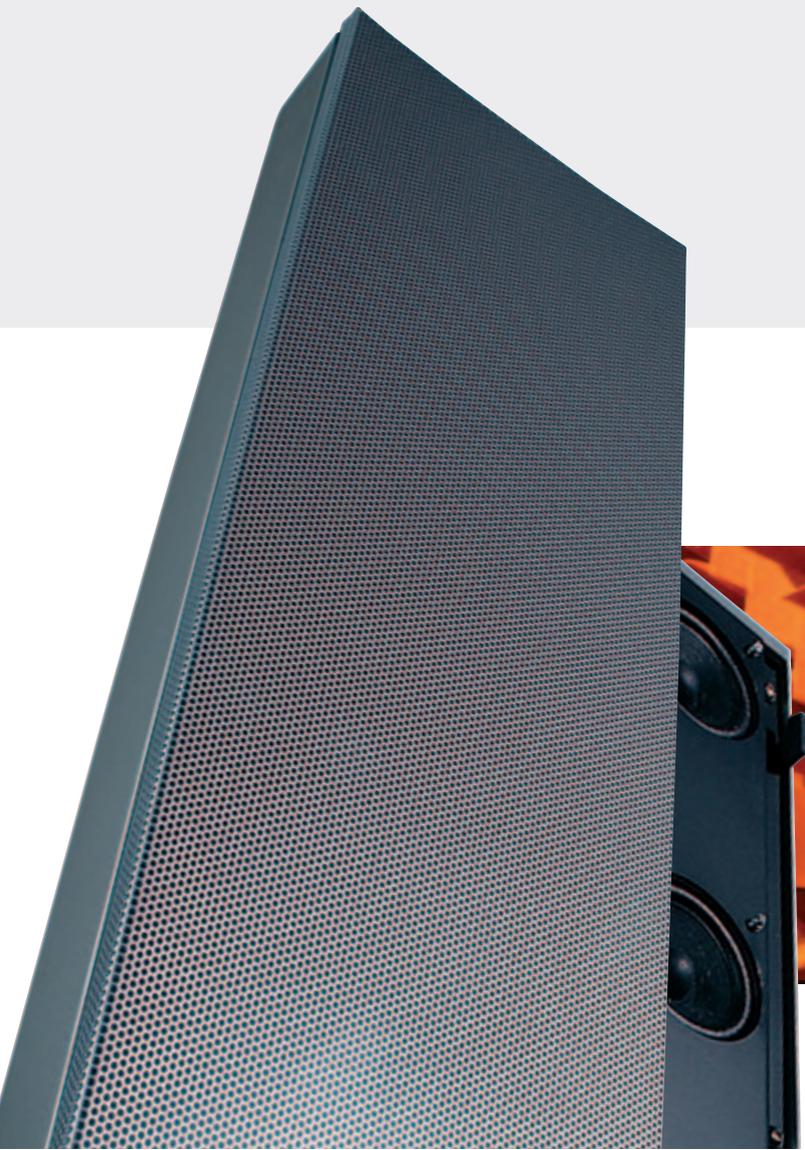
BOSCH

Invented for life



Advanced acoustics for a larger listening area

- Excellent intelligibility of speech and music
- Uniform distribution of natural sound throughout the room
- Suppressed side lobes
- Suitable for both indoor and outdoor use, ranging from canteens to passenger terminals
- Ideal combination of advanced acoustics and easy application
- Voice evacuation compliant as standard



By re-thinking the technology used in conventional line arrays, Bosch Security Systems has created the XLA 3200 (eXtended Listening Area), a range of line array loudspeakers which brings a new dimension to speech and music reproduction.

XLA 3200 Loudspeakers create a clear, fuller sound which is distributed more evenly over a wider area.

The speakers themselves, with their chic, slim design, are intended to be seen as well as heard. And installation is now easier than ever.

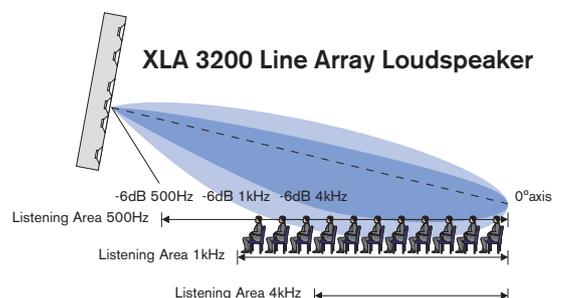
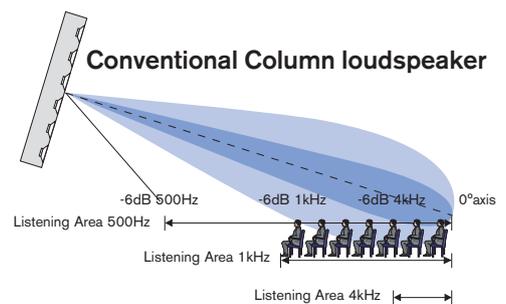
With the XLA 3200, Bosch Security Systems really is taking sound further.

Better directivity

Advanced filtering and positioning of the loudspeaker drivers has improved audio directivity. Each speaker driver emits a dedicated frequency range to make sure the full range of frequencies are present throughout the main lobe. Side lobes are suppressed to a minimum.

eXtended Listening Area

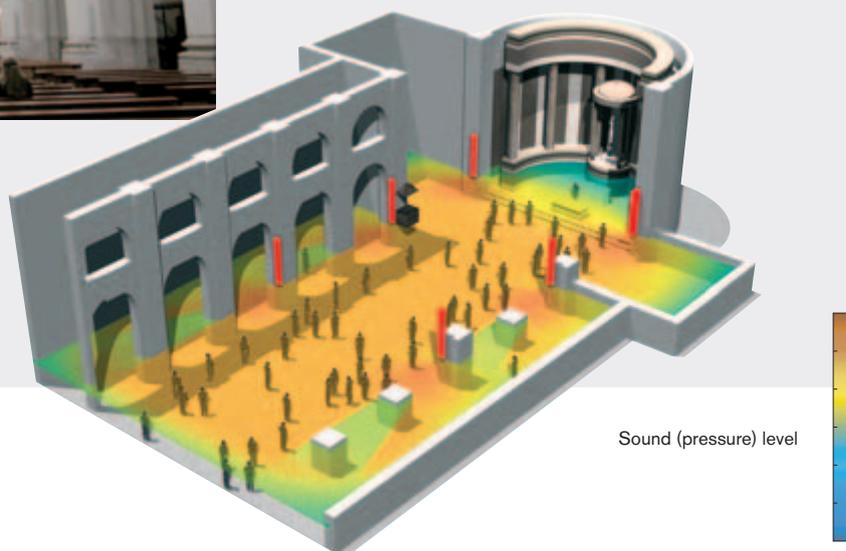
The better directivity with all relevant frequencies overlapping in the main lobe, the asymmetrical shape that intersects perfectly with the listening area result in a larger area per speaker with all sound, natural at the right volume.



Moving towards acoustic perfection



In **churches**, everyone present should be able to enjoy natural reproduction of speech and song. With **XLA 3200 Loudspeakers** strategically placed at the front and along the sides of the room, excellent sound quality is provided for all listeners. The better directivity of the loudspeakers makes a difference in such an acoustically difficult space. No reverberation and clear, natural sound; listening comfort so people can enjoy the service without fatigue.



XLA 3200 Line Array Loudspeakers enable amazing acoustical performance through pure technological innovation.

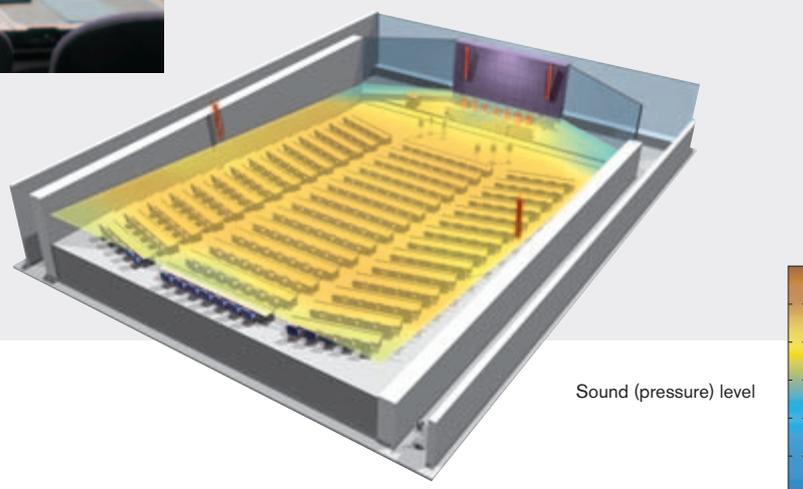
You notice the difference in three main ways. Remarkably clear, natural sound for excellent intelligibility of both speech and music. Greater coverage - reaching more people with perceptual perfect sound. And uniform sound distribution throughout the listening area: not too loud at the front, not too quiet at the back, and all relevant frequencies everywhere.

The improved directivity also means that the risk of microphone feedback is reduced to a minimum, so higher gain settings are possible.

A more attractive - and practical - design
XLA 3200 Loudspeakers don't just sound good. With their modern extruded aluminium housing and silver grille they help add a touch of high-technology elegance to wherever they are installed. They blend equally well with classical interiors and modern architecture. And their compact dimensions - as narrow as 8 cm wide - make them extremely unobtrusive.



Congress centres and other larger auditoriums with many listeners but relatively little background noise can provide high-quality speech and music using relatively few XLA 3200 Loudspeakers. The **simple mounting procedure** means sound can be very accurately directed towards the audience, whether they are all on the same level or in 'stepped' arena-type seating. Being **EVAC compliant**, these loudspeakers also play a vital role in the event of an emergency.



Sound (pressure) level

Lower costs

The XLA 3200 range contributes in several ways to keeping costs down. The high efficiency and excellent directivity means that less speakers are required to achieve the same sound pressure level in a given area.

Installers require far less time to position the speakers, thanks to a revolutionary new approach to mounting. And, as an added bonus, less amplifier power is required during operation. These reliable and long-lasting speakers are a sound investment all round.

Ease and convenience

XLA 3200 Loudspeakers are supplied with easy and clear instructions for mounting and use. The loudspeakers come standard with a 100 V transformer and all accessories required for wall and floorstand mounting are included.

For the majority of occasions the mounting reference table and smart bracket guarantee fast installation and user satisfaction. For extraordinary mounting positions or listening area, the XLA 3200 Loudspeakers are supported in Ease® acoustic simulation software.

Complete Public Address solutions



Problem-free performance

The XLA 3200 are the latest generation of Bosch Security Systems line array loudspeakers to guarantee long, problem-free operation. All our loudspeakers are built to last for decades.

You always have the backing of more than 50 years experience in acoustic technology and innovative public address solutions.

The natural choice

The XLA 3200 Loudspeakers are only one part of the comprehensive Bosch public address range. The Intellivox series of active line arrays with an extreme long throw allows you to 'shape' the sound output through Digital Directivity Control. With cabinet, horn and ceiling loudspeakers, plus sound projectors and accessories, they form a complete range.

The Praesideo Digital Public Address/Emergency Sound System offers amazing versatility in message processing and transmission, while the Plena range is a truly 'all-round' public address solution. There are also digital signal processors, other amplifiers and management systems, and a complete range of microphones and accessories.

Add to this our in-depth applications expertise and global support network, and it's easy to see why Bosch Security Systems is the natural choice for complete public address solutions.



Family of solutions

The XLA 3200 family consists of three loudspeakers, each specialized for different applications. They are fully voice evacuation compliant (EVAC) and can be connected to 100 V lines.

LBC 3210.

This loudspeaker, with its excellent directivity and high power output, can handle large (reverberant) indoor environments like airport departure lounges, train stations and congress venues. It is also suitable for outdoor use, for instance in railway stations or sports stadiums. Its full frequency range makes it ideal for music as well as speech reproduction.

- Powerful indoor and outdoor
- 90/60 W rated power
- 120 cm high, 16 cm wide

LBC 3201.

Offers extremely accurate directivity of sound. Ideal for medium and large (reverberant) environments as well as more acoustically demanding situations like buildings with pillars or exhibition halls full of stands. Gives excellent quality reproduction of speech and background music.

- Excellent directivity and side lobe suppression
- 90/60 W rated power
- 120 cm high, 8 cm wide

LBC 3200.

A very compact loudspeaker that provides superb, clear sound in small- and medium-sized indoor venues like showrooms, canteens and meeting rooms. A really good performer with a superb size/performance ratio.

- Surprisingly clear and natural speech and music
- 45/30 W rated power
- 60 cm high, 8 cm wide

