

# Praesideo Digital Public Address and Emergency Sound System

Get all messages across, no matter what



**BOSCH**

Invented for life



# Keeping your public **informed and protected**



With more than 5,000 installed systems worldwide, Praesideo by Bosch is the number one solution for demanding public address and emergency sound applications. It is the ideal choice for public announcements, scheduled events, background music, voice evacuation, and other applications that require operational versatility, superb sound quality, and absolute clarity.



**Years of proven performance**

Praesideo by Bosch is a complete, full-featured digital public address and emergency sound system. It leads the market in reliability, especially in voice evacuation, and has demonstrated years of performance in a wide range of applications worldwide.

**Complete system**

Praesideo by Bosch is ideal for medium- and large-scale public address and voice alarm applications. It features 28 dynamically assigned digital audio channels, digital event scheduling and message management, and can route background music (BGM) to a virtually unlimited number of zones. The complete system has been certified compliant with all major standards for emergency evacuation.

**Always get your message across**

The Praesideo Voice Evacuation System is fully supervised and ensures message integrity by constantly monitoring system control, amplifier operation, microphones, loudspeaker line integrity and individual loudspeakers. Specifically, built-in redundancy and automatic switching to a spare amplifier guarantee continuity.

**Total customizable solution**

Praesideo by Bosch is a highly innovative system with a high level of digital integration. Extra features provide additional functionality when customizing a Praesideo system, like integrating numeric keypads for use with access codes, or adding software-driven interfaces, (e.g. PC Call Station) for remote management of announcements and other events.



## Superb sound, reliable connectivity



### **Flexibility, with no loss of digital quality**

The various elements of the Praesideo system are connected via an interference-free optical network, allowing equipment to be conveniently located where it's needed. Optical technology also lets the system span greater distances without loss of audio quality. It redefines the boundaries of quality, flexibility and reliability.

### **Scalable solution**

The de-centralized architecture of the Praesideo network facilitates simple “daisy-chain” configurations. Units can be added or removed, as required, for complete freedom. To support longer distances or multi-site applications, the system allows supervised communication with CobraNet™ in a Local Area Network (LAN). The system can also be used via a Wide Area Network (WAN), for Audio-over-IP functionality.

### **Uninterrupted operation**

For added reliability and uninterrupted operation, especially in emergency situations in EVAC-compliant installations, the network can be configured as a “redundant loop.” This ensures that, even if there is a physical break in the fiberoptic cable, the system will operate smoothly.

# EVAC compliant solution

## EVAC certified solution

As part of the Bosch Security Systems commitment to meeting international standards, Praesideo is EVAC-compliant and meets legislated requirements for voice alarm systems. TÜV, the independent German quality and safety organization, has certified Praesideo by Bosch as compliant with EN 54-16, ISO 7240-16, EN 60849 and BS 5839:8. The system is also certified for many local evacuation standards.

## SOLAS certified

Praesideo by Bosch is certified compliant with SOLAS, the most important international treaty concerning the safety of marine and offshore applications

## Certified partner program

Bosch runs a certified partner program, acting as a technical training platform for highly specialized installers. This allows installers to deliver certified Praesideo configurations, compliant to local standards. For a complete list of the Partner Program, contact your local Bosch dealer.





# Interfacing with the world outside

## **Part of an integrated security solution**

Praesideo is an open platform that communicates with other Bosch systems (building management and fire-alarm systems) and with third-party solutions, such as passenger-information systems.

## **Simplified configuration**

The system is easy to configure, either locally or remotely, and supports immediate system changes. Dedicated logging software tracks information from multiple systems and can be accessed from anywhere, to enable off-site monitoring and diagnostics.

## **Unlimited possibilities**

Since the Praesideo by Bosch is built around an open interface, it's very easy to extend functionality. Add a PC for advanced control via a graphic interface, or integrate a touchscreen to make managing the system more intuitive for a wider range of users. The open interface removes restrictions, so the integration possibilities are almost endless.

**The Praesideo Voice Alarm and Public Address System gets your message across, no matter what!**



## 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](http://www.boschsecurity.com) or send an e-mail to [emea.securitysystems@bosch.com](mailto:emea.securitysystems@bosch.com)

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