

# Bosch Praesideo Public Address and Emergency Sound System



**BOSCH**

Invented for life



## **Bosch Praesideo** gets your message across, no matter what



The Bosch Praesideo combined public address and emergency sound system is the foremost solution for situations where a fast response, absolute message clarity and unquestionable reliability are called for. With over 2000 installed systems worldwide, Praesideo is the number one choice for demanding public address and emergency voice evacuation applications. Superb sound quality, operational versatility and a program of continuous enhancements ensure Praesideo leads the market.



### Digital versatility

Bosch Praesideo is the world's first fully digital public address and emergency sound system. The system's unique optical network offers total freedom in system design, interference-free audio and a high level of redundancy that traditional systems cannot offer. It is fully programmable, and interfaces with other security systems.

### Comprehensive system

With 28 dynamically assigned digital audio channels, digital message management and background music (BGM) routing to a virtually unlimited number of zones, Praesideo is ideal for medium- to large-scale public address and voice alarm applications. The system is IEC60849 certified and complies with all major standards for emergency evacuation.

### Ensure the message gets across

Where public safety rests on message integrity, it is essential that the system is totally reliable. Bosch Praesideo is fully supervised, and constantly monitors system control, amplifier operation, microphones, loudspeaker line integrity and individual loudspeakers. Built-in redundancy and automatic spare amplifier switching guarantees continuity.

### Low cost of ownership

Bosch Praesideo offers low cost of ownership. New or upgraded installations are highly cost effective thanks to its dual public address and voice alarm functionality, expandability, modular architecture and programmable flexibility. Furthermore, the choice in system components always leads to an optimal solution without over-specifying a system. Praesideo's high reliability guarantees lower maintenance costs.



# Better sound, more possibilities, greater distances



## Digital audio quality

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

## Scalable solution

The de-centralized network architecture of Bosch Praesideo facilitates simple 'daisy-chain' inter-connections. Units can be added or removed as required for total freedom of configuration.

## Uninterrupted operation

The network can be configured as a 'redundant loop' for extra reliability. This ensures that even a physical break in the fiber-optic cable won't affect operation – critical for uninterrupted operation in emergency sound systems.

# EVAC compliant solution

## EVAC certified solution

Bosch is committed to EVAC-compliant voice alarm systems that meet legislation based on the appropriate international standards and its national equivalents. Bosch Security Systems offers a total commitment to certification. Praesideo is IEC60849 and BS5839: part8 certified by the TÜV, one of Europe's leading authorities. Furthermore, it is certified for many local evacuation standards.



## SOLAS certified

Bosch Praesideo is SOLAS certified, the most important international treaty concerning the safety of merchant ships.

## Certified partner program

To guarantee EVAC compliance, installation must also be carried out according to exacting standards. Bosch runs a certified partner program with trained installers to add extra assurance that these requirements are met.





# Interfacing with the outside world

## Part of an integrated security solution

Bosch Praesideo's open platform can communicate with third-party systems and peripherals, like building management, fire alarm, and passenger information systems.

## Simplified configuration

The system is straightforward to configure and re-configure, either locally or remotely, facilitating a quick response to changes.

With the Praesideo Logging software, logging information of multiple systems can be accessed for remote monitoring and diagnostics.

## Logical for end-users

The Bosch Praesideo products are easy to operate. Operators require very little explanation to competently use Praesideo.

Even the biggest systems are easy to operate via a PC or touch screen using the system's open interface.

**The Bosch Praesideo voice alarm and public address system gets your message across, no matter what!**



### **Tradition of quality and innovation**

For over 100 years, the Bosch name has stood for quality and reliability. Bosch Security Systems proudly offers a wide range of fire, intrusion, social alarm, CCTV, management and communication systems and components to help you find the solution for any application. We are the global supplier of choice for innovative technology backed by the highest level of service and support. When you need solutions you can rely on, choose Bosch.

### **Bosch Security Systems**

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