

**BOSCH**

Public Address Solutions

Best End User Experience with PRAESENSA

Application Note

Real Estate

Intuitive control and confident operation with PRAESENSA

In modern public spaces, emergency personnel, security staff, and facility managers require a public address and voice alarm system that is not only reliable and flexible but also easy to operate. Traditional public address and voice alarm systems often come with complex user interfaces, requiring extensive training and leading to potential errors in critical situations. Instead operators need a call station which is intuitive to operate and that guides them through each step, ensuring clear communication without hesitation or confusion.

Our solution

PRAESENSA public address and voice alarm system by Bosch was designed from the start with a strong focus on end user experience, making operation intuitive and efficient. The system features user-centric interfaces, developed in close cooperation with end users to address real-world challenges. Its advanced call station, wall control panels, and tablet-based operation of the Advanced Public Address Server ensure that users can navigate the system effortlessly. Key functions such as making announcements, adjusting audio levels, and automating message management are streamlined to minimize human error and maximize efficiency.

The PRAESENSA touchscreen call station provides clear visual feedback, indicating voice announcement progress on its screen. Operators are guided on when to speak after pre-chimes or introductory messages and receive confirmation once their announcement is successfully delivered across all designated zones. Functions can be easily selected through a responsive touchscreen, while areas are highlighted via keypad keys with LEDs, providing immediate status updates and improving operational clarity. To ensure security and control, different users can have tailored access rights to specific functions and zones.



Remote access and automation made easy

Facility managers and building owners benefit from remote control capabilities via tablet, allowing them to adjust audio settings for specific areas or the entire installation with ease. The mobile client further extends system functionality, enabling PC/tablet control and supporting Amazon Polly and Microsoft Azure Neural Text-to-Speech (Neural TTS) services, making the system highly accessible in diverse environments. Additionally, the built-in system scheduler facilitates automated message management, reducing the need for manual intervention and ensuring timely communication. For direct control by staff we have the wall control panel. It offers intuitive operation with a single rotary knob for quick selection of music sources and volume adjustment. Its clear and easy-to-read color TFT display provides feedback, while optional PIN protection ensures that only authorized users can access the device.

The benchmark in public address and voice alarm

PRAESENSA not only fulfills the highest safety requirements but also enriches the real estate value through an enhanced auditory experience, making it a highly flexible solution for a multitude of installations in modern property development. The combination of a public address and voice alarm system with excellent sound quality and easy control ensures that our solution is not just a safety feature but a significant contributor to overall building quality and user satisfaction.

KEENFINITY

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Main benefits

For the operator/owner:

- Intuitive user interfaces reduce the need for extensive operator training
- Tablet and PC-based control options offer flexible integration into existing IT infrastructure
- Configurable access permissions to call stations and wall control panels enhance security and operational control
- Built-in system scheduler enables automated message management, reducing manual oversight
- Clear visual feedback and guided call station interactions increase operator confidence and minimizes post-installation support needs
- Call station operators are guided when to speak and receive confirmation of announcement delivery
- Facility managers can adjust zones and audio remotely via tablet, making real time changes at the location to ensure the optimal sound experience
- Multilingual support via text-to-speech enhances communication in diverse settings

System components:

- PRAESENSA system
- Advanced Public Address Server and License
- PIN-protected login on call stations prevents unauthorized access and avoids accidental or disruptive announcements