

PRA-APAL Advanced public address license

PRAESENSA



The PRA-APAL is a license code for an operator device to access the advanced public address server PRA-APAS for PRAESENSA. It adds advanced business related public address functions to the function set provided by the system controller. A PC or wireless tablet, connected to the local IP-network, functions as operator device with an intuitive graphical user interface, controlled by mouse or touch screen. A headset, connected via USB or Bluetooth to the operator device, may be used for voice announcements and audio monitoring. The integrated web server of the PRA-APAS keeps the operator device platform independent. Each operator device uses its own web browser as operator interface (Chrome preferred).

Functions

Advanced public address license

- License for an operator device to connect to the PRA-APAS advanced public address server.
- Multiple operator devices may access the advanced public address server simultaneously, each using its own PRA-APAL license.
- Each license of an operator device may have multiple, different, operator profiles on that device, with tailored functionalities for each user group.

Operator functions

- Easy zone selection with picture representation of zones.
- Control of background music sources and volume levels in selected zones. Music can be streamed from internal memory, but also from Internet music portals and Internet radio.

- ▶ Advanced functionality for high-quality announcements, messages, text-to-speech, internet radio, music management and scheduled events
- ▶ Support of personal devices such as third party PCs and wireless tablets
- ▶ Possibility to configure user group profiles for different access levels
- ▶ Each connected user device requires one software license

- Live call recording of announcements with pre-monitoring and playback to selected zones.
- Live and scheduled playback of stored messages.
- Playback of text based announcements with automatic (multi-lingual) on-line text-to-speech conversion.

Public address server

- Industrial PC with pre-installed and licensed software, acting as server to one or more operator control devices, and as interface between these devices and one PRAESENSA system.
- For security reasons the server has two ports to connect to two different local area networks. One port is connected to the secure PRAESENSA network, the other port to the corporate network with access to operator devices and (Firewall protected) access to the Internet.
- License management of operator devices. Each operator device needs a PRA-APAL license for access to the advanced public address server.
- Integrated web server to keep operator devices platform independent. Each operator device uses its own web browser as operator interface.
- Storage of messages and music in internal memory, multiple audio formats supported.

Connection to PRAESENSA

- The server connects to the PRAESENSA system controller, using the PRAESENSA Open Interface for control of business related functions. Higher priority, emergency related functions are always handled by the system controller.

- The server can stream up to 10 high quality audio channels to the system controller, using the AES67 protocol. The system controller converts the static AES67 audio streams into dynamic OMNEO streams.

Architects’ and Engineers’ Specifications

The advanced public address license is a code for a single operator device to connect to and access an advanced public address server. It shall be possible to use a PC or wireless tablet as operator device and use multiple operator devices in parallel, requiring as many licenses. Upon connection, each operator device shall be able to control parts of the public address system, using a browser on the device as a graphical user interface, controlled by mouse or touch screen. The graphic user interface shall be optimized for use with a 10" touch screen. The license code shall allow the operator device to have several unique operator profiles on that device, with tailored functionalities for each user. It shall offer easy zone selection for voice announcements, control of background music sources and volume in selected zones, the ability to make live call recordings of announcements with pre-monitoring and playback to selected zones, the ability to do live and scheduled playback of stored messages, and playback of text based announcements with automatic (multi-lingual) online text-to-speech conversion. The advanced public address license shall be used with the Bosch PRAESENSA advanced public address server, PRA-APAS. The advanced public address license shall be a Bosch PRA-APAL.

Control device	
Graphic user interface	Optimized for use with a 10" touch screen
Supported headsets	Determined by operator device

System integration

Browsers	
Apple	iPadOS 14
Firefox	78.8.0esr (32-bit)
Microsoft Edge	88.0.705.74

Ordering information

PRA-APAL Advanced public address license
 License for operator device, connected to the PRA-APAS advanced public address server.
 Order number **PRA-APAL | F.01U.359.544**

Parts included

Quantity	Component
1	Advance public address license

Technical specifications

Operation

Control device	
License format	Code sent via e-mail
License requirement	One per active operator device
Maximum number of operator devices	Virtually unlimited
Supported connections	IP (wired or WiFi)
Supported browsers	Chrome, Firefox, Safari

Represented by:

Europe, Middle East, Africa:
 Bosch Security Systems B.V.
 P.O. Box 80002
 5600 JB Eindhoven, The Netherlands
 Phone: + 31 40 2577 284
 emea.securitysystems@bosch.com
 emea.boschsecurity.com

Germany:
 Bosch Sicherheitssysteme GmbH
 Robert-Bosch-Ring 5
 85630 Grasbrunn
 Germany
 www.boschsecurity.com

North America:
 Bosch Security Systems, LLC
 130 Perinton Parkway
 Fairport, New York, 14450, USA
 Phone: +1 800 289 0096
 Fax: +1 585 223 9180
 onlinehelp@us.bosch.com
 www.boschsecurity.us

Asia-Pacific:
 Robert Bosch (SEA) Pte Ltd, Security Systems
 11 Bishan Street 21
 Singapore 573943
 Phone: +65 6571 2808
 Fax: +65 6571 2699
 apr.securitysystems@bosch.com
 www.boschsecurity.asia