BOSCH

PRA-LSPRA License for subsystem PRAESENSA
PRAESENSA

▶ Overcome limitations of a single system controller

▶ Expand system span with up to 20 subsystems

▶ License for one subsystem to enable networking with the master controller

▶ Possibility of system-wide emergency calls from central EN 54-16 certified call stations to all subsystems

▶ Network-wide propagation of error and status messages

The PRA-LSPRA software license creates a PRAESENSA multi-system architecture with higher scalability in comparison to a single system. A system with master and subsystem controllers improves the overall performance by extending the number of devices and zones.
A master system controller is a standard PRAESENSA system controller with an active PRA-LSPRA license per subsystem. The same amount of licenses is required for an optional redundant master controller. Subsystem controllers do not require licenses.
With a master controller and a maximum of 20 subsystems, PRAESENSA can support 3000 devices and 10,000 zones.

System overview

The easy and flexible interaction concept of several networked systems is based on corresponding names for remote zone groups. Therefore, it is possible to perform multiple calls from a master controller to several subsystems at the same time. One zone group can have a combination of several zones that belong to different subsystems. For these use cases, the audio between the systems is always synchronized.

Functions

- Allows a master controller to manage multiple subsystem controllers.
- Makes it possible to configure an EN 54-16 certified Firemen's microphone to perform system wide:
  - Live announcements with evacuation priority
  - Start / stop emergency messages
  - Zone status indication

  - Fault reporting
  - Emergency status acknowledgement / reset.
- Allows acknowledgement / reset of system wide faults.
- Enables system wide business calls and start / stop business messages.
- The BGM sources are available across the system, while the volume is controlled in each system individually.

Architects' and engineers' specifications
The license for subsystem PRAESENSA shall allow a master controller to manage several subsystem controllers. It shall be possible to connect up to 20 system controllers in a large network to support up to 3000 devices and 10,000 zones. There shall be one master controller. The master controller shall require one active license per networked subsystem controller. It shall be possible to have a standby master controller for redundancy. Each subsystem shall also have the option to provide controller redundancy. It shall be possible to configure an EN54-16 compliant Firemen's microphone. Upon connection, across the multiple subsystems, the Firemen's microphone shall be able to perform live announcement with evacuation priority, start and stop emergency messages; indicate zone status; and reports system wide faults according to EN54-16. It shall be possible to acknowledge and reset system wide faults from a single location. It shall be possible to make system wide business calls and start and stop business messages. BGM sources shall be available across the system while the volume shall be controlled in each system individually. The license for

subsystem shall be used with the Bosch PRAESENSA system controller, PRA-SCL. The License for subsystem PRAESENSA shall be a Bosch PRA-LSPRA.

Installation/configuration notes

(i) **Notice**

Contact Bosch if you want to design a system with multiple controllers.

Parts included

Quantity	Component
1	E-mail with license activation information.

Technical specifications

Maximum of subsystems per master controller	20
Maximum of subsystems per redundant master controller	20

Ordering information

PRA-LSPRA License for subsystem PRAESENSA
This software license enables the creation of subsystems connected to a master system controller within the PRAESENSA system.
Order number **PRA-LSPRA | F.01U.402.624**