

# Bosch Plena Public Address and Voice Alarm System

The fast route to safety



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Invented for life



## The fast route to safety

The Bosch Plena Public Address and Voice Alarm System range is an ideal evacuation, message and background music solution for a variety of locations, such as schools, hotels, shopping centers, supermarkets, recreational facilities, factories, offices and similar applications where public safety is essential.

### **Simple expandability**

The Plena Public Address Voice Alarm System is designed to be an easy-to-use announcement and emergency warning device. It fully complies with IEC60849 evacuation standards and is certified by the TÜV. The Plena Public Address and Voice Alarm System features a stand-alone plug-and-play concept – ideal for small-scale applications. Based on a Plena voice alarm controller unit it can handle up to 6 zones with a built-in message manager, emergency microphone, and a built-in 240 W power amplifier.

This same Plena Voice Alarm Controller features built-in expandability, which extends the voice alarm solution to a 60-zone capacity using 6-zone routers. In addition, 8 call stations with 32 call-station keypads with programmable keys can be interconnected for message routing.

Easy to install on-site, interconnection is made using standard RJ45 connectors and CAT5 cabling. Additional Plena amplifiers can be added to create a two-channel system or deliver extra power.



**Guaranteed operation with digital charger**

**Fully supervised system**

**EVAC compliant: TÜV certified for IEC60849 evacuation standards**



**One or two channel operation**

**Excellent speech intelligibility and guaranteed message delivery**

**Up to 60 zones and 8 call stations**

**Built-in limiter prevents distortion**

**Distribute your messages with programmable keys**

**Built-in amplifier**





### EVAC compliant and international IEC60849 conform

Guaranteeing first-class prevention and security measures, the Plena Public Address Voice Alarm products meet all the stringent functionality and back-up performance requirements for IEC60849 certification, the international standard for voice alarm systems and certified by TÜV. This includes system supervision, spare amplifier switching, loudspeaker line surveillance, a built-in message manager and comprehensive front panel controls and indicators.

### Remote control panels

Designed for flexible installation, the optional remote control panels duplicate the Plena Public Address and Voice Alarm's user interface. This allows the system to be placed in a basement or in a fire resistant cabinet while operating the system from another part of the building or location. A kit for integrating a custom fireman's panel is also available.







### Charger

Guaranteeing operational functionality at all times, the dedicated Plena Charger is a premium quality, intelligent, microprocessor-controlled device. Rack mountable, the unit charges batteries and simultaneously provides 24 V for volume overrides and Bosch Public Address and Voice Alarm remote controls. This charger is IEC60849 certified and EN54-4 compliant.

### Configurable functionality

Designed as a versatile solution, the system is easy to set up for specific applications using DIP-switches for setting the basic functionality and a PC or laptop for more advanced system configurations. The built-in message manager handles up to 180 spoken messages. The messages can be merged to allow even more flexible use of pre-recorded announcements and evacuation messages.

**A qualified Bosch dealer will design and install the appropriate Plena Public Address and Voice Alarm System using the required controllers, alarm routers, extensions, kits and accessories to guarantee correct on-site installation.**

**If required, the system can also include a specially designed and internationally approved Fireman's Panel.**





As a world-class expert with industry-leading research and development, Bosch is known around the world for premium communications products and systems. A company synonymous with innovation, quality and reliability, Bosch consistently introduces trustworthy yet versatile products based on years of experience and close customer interaction.

**For more information about the Plena Easy Line Range, Plena Public Address Solutions and Plena Voice Alarm products, please feel free to contact your nearest Bosch representative or visit our website: [www.boschsecurity.com](http://www.boschsecurity.com).**



### **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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