

**Additional functionality**

Standard announcements such as closing times can be automated by adding a Bosch Message Manager and Bosch Weekly Timer. Audio-visual capabilities, like a LCD screen, can be integrated as well.

**Practical. Versatile. Durable.**

Every single restaurant location is unique with its own particular requirements. This is why Bosch designed this system as a multi-functional concept with clean-cut European design. Good looks aside, Plena Easy Line is

built to last without overlooking user-friendly functionality, sound quality and excellent speech intelligibility.

**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).**

**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)

# Bosch Plena Public Address Easy Line

## Application Note: Restaurants

- ▶ Superb sound & speech reproduction
- ▶ Multi-zone functionality
- ▶ Future-ready expandability
- ▶ Easy-to-use: no training required
- ▶ Stylish European design



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### Restaurant environments

Restaurants are busy businesses that demand public address systems with quality music and voice announcement capability. Larger restaurants require various zones for different dining options as well as outdoor facilities. The Plena Public Address Easy Line features 10 flexible inputs and multi-zone control with professional-level amplification.

It is easy to install and equally easy to customize and expand. With smart equalizing, clear source labels and recommended setting indicators, staff members are certain to use the system correctly.

The Bosch Plena Public Address Easy Line can be fitted with two-zone and all-call call stations for voice announcements as well as specific wall panels for remote control access.



### Typical restaurant requirements

- ▶ 2 zones
- ▶ Background music and voice announcements in all zones
- ▶ Speech intelligibility in noisy environment
- ▶ Call stations for all counters
- ▶ Remote panel for remote source selection
- ▶ Easy operation for staff

### Smart sound solutions

Today, most modern restaurants offer different dining experiences in one location. The public address system needs to be flexible enough to manage background music and voice announcements in all areas.

For a restaurant complex with both indoor and outdoor dining or perhaps a drive-in, the typical solution is the 120 W Plena Mixer Amplifier with two-zone music and announcement output.



- 1 **Entrance**
- 2 **Counters**  
Plena 2-zone callstations
- 3 **Restaurant**
- 4 **Plena system**  
Mixer Amplifier PLE 2MA 120  
BGM Source
- 5 **Drive-in**
- 6 **Kitchen**
- 7 **Storage**
- 8 **Office**

**other Bosch Public Address products**

- ▶ Soundprojectors (outside)
- ▶ Modular ceiling loudspeaker (inside)

Three two-zone call stations with zone selection are placed on the counters to facilitate both indoor and outdoor activity. A handy priority call station feature, either voice activated or via a push-to-talk function, lets the host or hostess override other microphones or music inputs. This is essential for smooth seating and order pick-up as well as emergency announcements. A Bosch remote control wall panel located close to the drive-in (via CAT 5 wiring) controls music sources in the outdoor zone.

**3 input channels and two-zones for music everywhere**

With 3 music inputs, staff will be able to connect different music sources simultaneously. The music input could also be redirected as 'on-hold' music for the telephone. The built-in smart equalizer features separate music and speech output control. Setting indicators on the front prevent the volume and sound balance to be set too high or too low. Clear source labeling helps the staff easily select the preferred music source. On extremely warm days, this solid and durable solution can operate until 55°C (131° F), making it ideal for the most extreme climates.