

The Bosch Family of Addressable Fire Panels: A Single Platform for All Requirements



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Unbeaten Flexibility

This versatile family comprises two fire panel series based on the same industry-leading technology: the Modular Fire Panel 5000 Series and the new Fire Panel 1200 Series. As a result, it's easy to flexibly configure systems to match each customer's requirements. Thanks to the shared panel platform, reusable "click-and-go" modules and interchangeable housings, it's also suitable for complex applications involving more than fire detection.

One System Fits All

The platform covers everything from small systems with one or two loops all the way to very large, complex networkable installations. The new Fire Panel 1200 Series lends itself to smaller facilities such as schools, offices and stores, delivering the sophisticated capabilities of large-scale systems to smaller applications. It shares the same technology and interface with the Modular Fire Panel 5000 Series, the perfect product for implementing any kind of solution – so proven installation and configuration knowledge can be applied to it as well. This keeps the amount of required training at a cost-effective level.

Safeguarded Investments

For smoothly growing to larger installations as your business and its requirements increase, the same modules, peripherals, programming and know-how can be reused. Tapping these synergies makes everyone confident they have made the right choice: Bosch.

Outstanding Quality

All components are manufactured according to the high standards of quality for which Bosch is famous. This ensures a long service life. All panels and peripherals are also fully EN54 approved.

Multiple Interfacing Possibilities

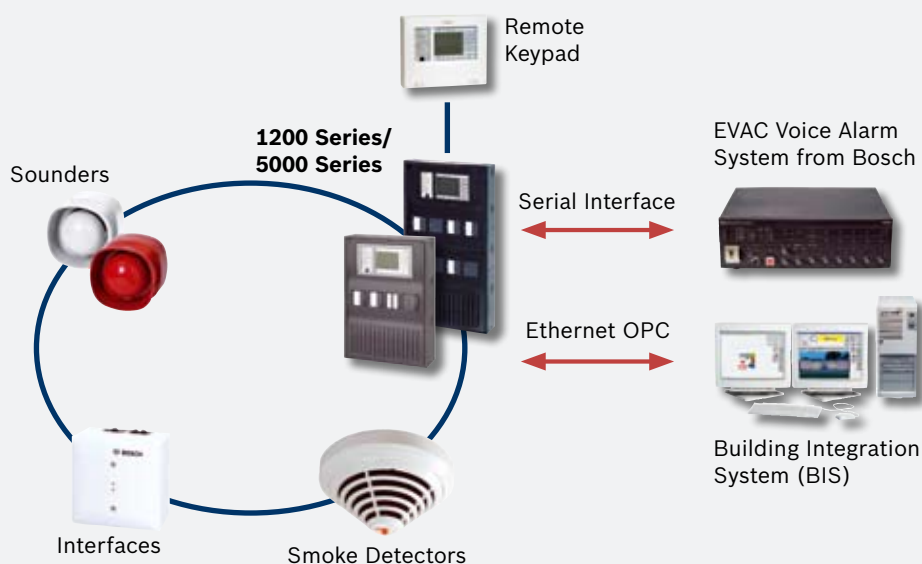
Both the Fire Panel 1200 and the modular 5000 Series can be equipped with multiple interfaces for an extended range of applications:

- ▶ A serial interface to Voice EVAC, Paging and Fire Monitoring System from Bosch.
- ▶ Ethernet/OPC for integrating in the Building Integration System from Bosch.

This vastly extends the range of possible use for both series.

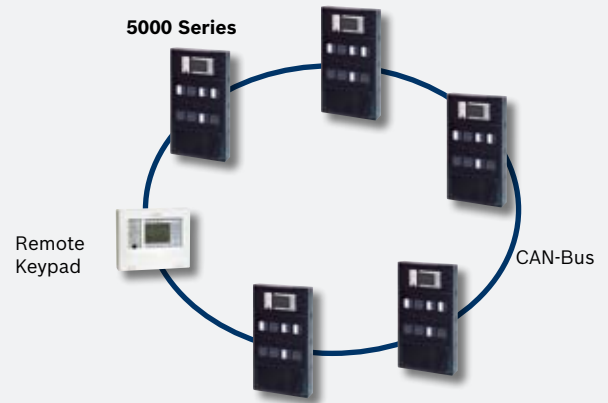
Outstanding Benefits:

- ▶ Systems can be precisely tailored to customers' needs and grow as they do.
- ▶ The right solution for every kind of fire detection installation.
- ▶ Extensive line of peripherals.
- ▶ Minimal training: the same knowledge applies to the entire panel portfolio.
- ▶ Easy planning, installation and configuration helps projects to keep in line with the budget.
- ▶ Planning security for the future, thanks to proven, state-of-the-art technology.



Both the 1200 Series and the 5000 Series permit:

- ▶ A serial interface connection to Voice EVAC from Bosch
- ▶ An Ethernet connection to the Building Management System from Bosch



Fire Panel 1200 Series:

Standalone version with 2 x 127 addressable elements - ideal for small applications

Modular Fire Panel 5000 Series:

Standalone or networked solution with CAN-Bus technology - with up to 32 loops for each panel, the ideal solution for medium-size to large applications

Technical Features:

	1200 Series	5000 Series
Loops	1 to 2	1 to 32
Elements per loop	Up to 127	Up to 254
Elements per system	up to 254	up to 4064 (networked 2032)
Max. loop length	1600 m	3000 m
Max. loop power	300 mA	1500 mA
Addressable and conventional detectors in one system	✓	✓
Modules per panel	up to 6	up to 46 per panel
Remote keypads	up to 3	✓
Panel network	no	✓
Connection via fiber optics or standard fire cable	✓	✓

Connectable to	1200 Series	5000 Series
EVAC System from Bosch (via serial interface)	✓	✓
Building Management System from Bosch (OPC/Ethernet)	✓	✓
Fire Monitoring System from Bosch (4A/MTS)	✓	✓
Paging and DECT Systems from Bosch (and third-party)	✓	✓

High-Performance Periphery for the Fire Panel Family



Automatic Fire Detectors 420/320 Series

The first multicriteria detectors with OTC (Optical-Thermal-Chemical) to reach the market, they excel with high sensitivity, fast detection and minimized false alarms. Available in O, T, OT and OTC versions, they are ideal for both standard applications and highly sensitive conditions.

Smoke Detectors 500 Series

The first detectors to feature a nonpolluting virtual chamber are offered with the 500 Series, which comes in O and OC versions. They are perfect for architecturally attractive rooms and buildings as well as dusty environments.

Sounders and Call Points

A new line of high-volume and two-wire detector base sounders is also available, as well as a full range of call points for manually triggering fire alarms.

Local SecurityNetwork (LSN) Functionality

The entire portfolio of latest-generation LSN classic and LSN improved version modules and detectors is available for use with the Modular Fire Panel 5000 and 1200 Series. This lets you take advantage of flexible network topology, proven performance and high security at low cost.