

FPA-1200-C Fire Panel

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Invented for life



- ▶ Easy upgrade to 2 loops by second LSN 0300 A module
- ▶ Connection of up to 254 elements (127 per loop)
- ▶ Remote operation by up to 3 Remote Keypads (via CAN or Ethernet)
- ▶ Auto-detection of modules and Plug-in of modules during operation
- ▶ Serial interface to Bosch Voice Evacuation System (EVAC)

Using the well-known LSN bus technology, the FPA-1200 Fire Panel offers efficient protection for small and medium-sized objects and is the ideal solution for 1- and 2-loop applications. It comes as standard with housing, controller, functional modules, power supply and additional accessories according to the country-specific requirements. It is ready-to-go after installation and configuration.

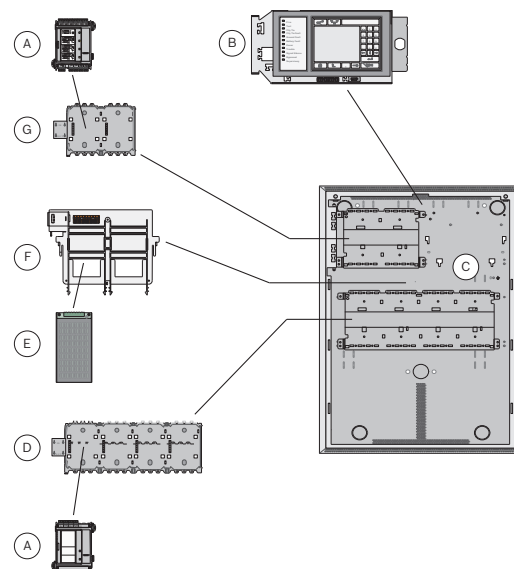
The configuration of the FPA-1200 is set using the FSP-5000-RPS programming software (included in the delivery) on a laptop connected to the panel.

Apart from connecting up to 3 Remote Keypads, the Ethernet interface allows for the connection to a Building Management System (BIS Bosch Building Integration System) via an OPC server. Additionally, an ADC-5000-OPC License Key is required to access the OPC server.

Another serial interface provides the option to use the FPA-1200 with the Bosch Voice Evacuation System (EVAC). For detailed information about the connection, refer to the data sheets on IOS 0020 and IOS 0232 Communication Modules.

The FPA-1200 can also be connected to the Bosch UGM-2020 Universal Security System (requires an FPE-5000-UGM Interface Module), and thus, be integrated into a large network system.

System overview



| Pos | Description |
|-----|--------------------|
| . | |
| A | Functional Modules |

| | |
|---|----------------------|
| B | Panel Controller |
| C | Panel Housing |
| D | Panel Rail Long |
| E | Power Supply |
| F | Power Supply Bracket |
| G | Panel Rail Short |

Functions

Panel controller

The Panel Controller is the core of the system and shows all messages on the 14,5 cm (5.7") multi-color touch display. 12 LEDs provide continuous information about the operating status of the control panel and / or system.

The operation of the panel controller and the processing of all messages are performed on the TFT touch display as well. Messages and events are saved internally and can be viewed on the display at any time. A log printer for printing incoming messages can be connected.

The configuration is set and transmitted using the FSP-5000-RPS programming software on a laptop connected to the USB interface of the panel controller.

Modules

The functional modules are autonomous, encapsulated units that can be inserted into any control panel slot using "plug-and-play" technology. Thus, the power supply and the data traffic to the control panel are indicated automatically without any additional settings. The module is automatically identified by the control panel and is run in default operating mode. The wiring of peripherals is connected by pluggable screw terminals.

After the replacement of a module, only the terminals need to be reinserted; extensive rewiring is no longer required.

The following modules are included in the standard package. Additional modules for special applications can be ordered separately.

| Module | Description |
|--------------------------|--|
| BCM-0000-B | Battery Controller Module <ul style="list-style-type: none"> module that controls batteries and power supply |
| LSN 0300 A | LSN Module 300 mA <ul style="list-style-type: none"> for the connection of an LSN loop with up to 127 elements, maximum line current 300 mA |
| RML 0008 A (Poland only) | Relay Module <ul style="list-style-type: none"> with 8 relays for low voltage applications |

Certifications and approvals

| Region | Regulatory compliance/quality marks | |
|-------------|-------------------------------------|---|
| | | 1142/DT/2011 FPA 1200 |
| Germany | VdS | G 209154 FPA-1200 |
| Switzerland | VKF | AEAI 19197 FPA-1200_FPA-5000 Brandmeldesystem |
| Europe | CE | FPA-1200 |
| | CPD | 0786-CPD-20819 FPA 1200 |
| Austria | PFB | 007/BM-PSys/019 FPA-1200/5000 Brandmeldesystem |
| | PFB | 007/BM-PSys/020 FPA-1200/5000 Brandfallsteuerzentrale |
| Belgium | BOSEC | TCC2-894 FPA 1200_FPA 5000 |
| Poland | CNBOP | 1802/2013 FPA-1200 |
| Hungary | TMT | TMT-46/2009 FPA-1200 |
| Ukraine | MOE | UA1.016.0070208-11 FPA-1200 |
| | MOE | UA1.016.0137807-13 FPA-1200 |

Installation/configuration notes

- Upgrade to 2 loops requires second LSN 0300 A Functional Module
- Max. 2 LSN 0300 A Modules allowed
- Up to 127 LSN elements on each loop
- Max. 6 functional modules in total

Technical specifications

Electrical

| | |
|-------------------|--------------------|
| Operating voltage | 20 V DC to 30 V DC |
|-------------------|--------------------|

Mechanics

| | |
|------------------------|--|
| Display element | 14.5 cm (5.7") multi-color TFT display |
| Operating element | Touch screen |
| Interfaces | <ul style="list-style-type: none"> Ethernet USB RS232 |
| Signal inputs | 2 |
| Dimensions (H x W x D) | 638 mm x 440 mm x 149 mm (25.1 x 17.2 x 5.87 inch) |
| Weight | Approx. 20 kg (44 lb) |

Environmental conditions

| | |
|-----------------------------------|-----------------|
| Permissible operating temperature | -5 °C to 50 °C |
| Permissible storage temperature | -20 °C to 60 °C |
| Protection class as per IEC 60529 | IP 30 |

Ordering information

FPA-1200-C-BE Fire panel, Belgium

monitors small and medium-sized objects while offering all benefits of the well-known LSN bus technology. Based on our proven panel concept, it is state-of-the-art in 1- and 2-loop applications. Lettering and user documentation in Dutch and French
Order number **FPA-1200-C-BE**

FPA-1200-C-CZ Fire panel, Czech Republic

monitors small and medium-sized objects while offering all benefits of the well-known LSN bus technology. Based on our proven panel concept, it is state-of-the-art in 1- and 2-loop applications. Lettering and user documentation in Czech
Order number **FPA-1200-C-CZ**

FPA-1200-C-DE Fire panel, Germany

monitors small and medium-sized objects while offering all benefits of the well-known LSN bus technology. Based on our proven panel concept, it is state-of-the-art in 1- and 2-loop applications. Lettering and user documentation in German
Order number **FPA-1200-C-DE**

FPA-1200-C-ES Fire panel, Spain

monitors small and medium-sized objects while offering all benefits of the well-known LSN bus technology. Based on our proven panel concept, it is state-of-the-art in 1- and 2-loop applications. Lettering and user documentation in Spanish
Order number **FPA-1200-C-ES**

FPA-1200-C-GR Fire panel, Greece

monitors small and medium-sized objects while offering all benefits of the well-known LSN bus technology. Based on our proven panel concept, it is state-of-the-art in 1- and 2-loop applications. Lettering and user documentation in Greek
Order number **FPA-1200-C-GR**

FPA-1200-C-HU Fire panel, Hungary

monitors small and medium-sized objects while offering all benefits of the well-known LSN bus technology. Based on our proven panel concept, it is state-of-the-art in 1- and 2-loop applications. Lettering and user documentation in Hungarian
Order number **FPA-1200-C-HU**

FPA-1200-C-IT Fire panel, Italy

monitors small and medium-sized objects while offering all benefits of the well-known LSN bus technology. Based on our proven panel concept, it is state-of-the-art in 1- and 2-loop applications. Lettering and user documentation in Italian and German
Order number **FPA-1200-C-IT**

FPA-1200-C-NL Fire panel, Netherlands

monitors small and medium-sized objects while offering all benefits of the well-known LSN bus technology. Based on our proven panel concept, it is state-of-the-art in 1- and 2-loop applications. Lettering and user documentation in Dutch
Order number **FPA-1200-C-NL**

FPA-1200-C-PL Fire panel, Poland

monitors small and medium-sized objects while offering all benefits of the well-known LSN bus technology. Based on our proven panel concept, it is state-of-the-art in 1- and 2-loop applications. Lettering and user documentation in Polish
Order number **FPA-1200-C-PL**

FPA-1200-C-PT Fire panel, Portugal

monitors small and medium-sized objects while offering all benefits of the well-known LSN bus technology. Based on our proven panel concept, it is state-of-the-art in 1- and 2-loop applications. Lettering and user documentation in Portuguese
Order number **FPA-1200-C-PT**

FPA-1200-C-RO Fire panel, Romania

monitors small and medium-sized objects while offering all benefits of the well-known LSN bus technology. Based on our proven panel concept, it is state-of-the-art in 1- and 2-loop applications. Lettering and user documentation in Romanian and English
Order number **FPA-1200-C-RO**

FPA-1200-C-RU Fire panel, Russia

monitors small and medium-sized objects while offering all benefits of the well-known LSN bus technology. Based on our proven panel concept, it is state-of-the-art in 1- and 2-loop applications. Lettering and user documentation in Russian
Order number **FPA-1200-C-RU**

FPA-1200-C-TR Fire panel, Turkey

monitors small and medium-sized objects while offering all benefits of the well-known LSN bus technology. Based on our proven panel concept, it is state-of-the-art in 1- and 2-loop applications. Lettering and user documentation in Turkish
Order number **FPA-1200-C-TR**

FPA-1200-C-ZA Fire panel, South Africa

monitors small and medium-sized objects while offering all benefits of the well-known LSN bus technology. Based on our proven panel concept, it is state-of-the-art in 1- and 2-loop applications. Lettering and user documentation in English
Order number **FPA-1200-C-ZA**

FPA-1200-C-APR Fire panel, Asia-Pacific

lettering and user documentation in English
Order number **FPA-1200-C-APR**

FPA-1200-C-EXP Fire panel, export

monitors small and medium-sized objects while offering all benefits of the well-known LSN bus technology. Based on our proven panel concept, it is state-of-the-art in 1- and 2-loop applications. Lettering and user documentation in English

Order number **FPA-1200-C-EXP**

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, Inc.
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