

# KFP-AF1-FB2-xx

Addressable Fire Panel with UI with Fire Brigade Controls - 1 Loop

## Overview

The KFP-A Series life safety control systems are bringing the speed and functionality of high-end intelligent processing to small to mid-sized addressable applications. They feature an attractive contemporary design that fits with any decor. Special plastics allows for painting in any color and the easy to remove electronics will support in this matter. The gently lined door with the intuitive dark inset user interface and EN54 compliant graphical LCD offers a distinctive flair. The main controls are clearly, but discreetly highlighted with the focus on the central located Jog Dial. With the addressable detection and a full line of easily configured option cards and modules, USB and Ethernet® connectivity, these quick-to-configure systems offer versatility that benefits building owners and life safety system installers alike.

## The Panel

The fire panels supplied in local language, with user interface with fire routing controls, with 1 loop that supports up to 128 devices in 512 zones, have standard 2 supervised sounder/fire-routing outputs, which can be used as freely programmable outputs as well. In addition 2 conventional relay outputs and 2 supervised outputs, working in pair and dedicated to common fire and fault conditions, as well as 2 user configurable inputs for monitoring and control are available.

## Options

The panels supports one network board to create a maximum of 32 nodes / 32 loops network of fire panels and fire panel repeaters (including conventional fire panels and fire panel repeaters up to a maximum of 64 conventional zones). Last but not least, in case separate zone indications are required, a 20 or a 40 zone fire/fault LED indicator board can be mounted in the panel or repeater with ample space for custom text.

## Approvals & Compliance

- CE / CPD / EN54-2 / EN54-4 / EN54-21 • NEN2535 / NBNS21-100 compliant
- BS5839-1 compliant
- VdS and LPCB certified
- WEEE / RoHS compliant



## Standard Features

- 1 loop with up to 512 zones and Fire Brigade & Fire Protection controls and 300 output groups
- Up to 40 LED Zone indicators for Fire and Fault with ample text space
- Auto configuration, setup wizard and default regional setup modes
- Ethernet port with TCP/IP for remote diagnostics, maintenance and programming
- EN54 compliant graphical LCD with icons and up to 256 zones
- Jog Dial with 4 soft buttons for simple and intuitive user control
- Aesthetic pleasing design with special paintable synthetic door
- Easy removable door and chassis for quick and clean installation
- All pluggable connectors
- 3 USB ports with memory stick support and RS232 for printer support
- Email notification for events directly from the panel (4 user accounts)
- Auxiliary 24VDC supply output with reset support
- 3 operator level menu structure (20 usernames and passwords)
- History log memory for 9999 events
- Up to 72 hours standby time and 30 minutes alarm
- Compatible with the new loop powered sounders/beacons and base sounders and the 2000 series detectors with replaceable optical chamber

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### Specifications

Mains supply	
Voltage	230 / 110 VAC (+10% / -15%)
Frequency	50 / 60 Hz (±5%)
Current	Nom. 0.6 / 1.3 A, Max. 1.5 / 3.15 A
Fuse rating	2 / 4 A
Cable type	3 x 1.5 mm <sup>2</sup> (live, neutral, earth)
Batteries	
	Max. 2 x 12V/18Ah (use supplied cables)
Outputs	
Programmable supervised	2, 750mA / 19.5-28VDC (24VDC nominal)
General Fire + Fault supervised	2, 350mA / 19.5-28VDC (24 VDC nominal)
General Fire + Fault relay	2
Aux	1 resetable, 500mA / 19.5-28VDC (24VDC nominal)
Cable type	Recommended 2 core 1.5 mm <sup>2</sup> twisted pair
End of Line resistor	15kohm
Inputs	
Programmable	2
Cable type	Recommended 2 core 1.5 mm <sup>2</sup> twisted pair
End of Line resistor	15kohm
Maximum Load	150 mA
Loops	
Outputs	1, 250 mA / 29VDC (29VDC to 36VDC )
Cable length	52ohm / 500nF max. 2 km
Cable type	Recommended 2 core 1.5 mm <sup>2</sup> twisted pair
Environmental conditions	
Storage temperature	-10°C to +50 °C
Operating temperature	-8°C to +42 °C
Relative humidity	max. 95 % (non-condensing)
Mechanical	
Size (W x D x H)	449.6 x 171.2 x 550 mm
Weight	7.4 kg (without batteries)
Color	RAL9010
Cable entries (Top / Bottom / Back)	18 (20mm) / 2 (20mm) / 2 removable plates
IP rating	IP30: for indoor use only

### Ordering Information

Part No.	Description
KFP-AF1-FB2-xx	Addressable Fire Panel with UI with Fire Brigade Controls - 1 Loop
-xx	Language Codes
2010-2-NB	Addressable Fire Panel Accessory - Network Printed Circuit Board
KFP-A-ZI-20	
KFP-A-ZI-40	
BS127N	Sealed Lead-Acid Battery - 12V 7.2Ah
BS130N	Sealed Lead-Acid Battery - 12V 12Ah
BS131N	Sealed Lead-Acid Battery - 12V 18Ah
2010-2-FTP-C30	Addressable Fire Panel Accessory - Cable FTP CAT5 - 3m
2010-2-USB-C30	Addressable Fire Panel Accessory - Cable USB A to B - 3m
2010-2-PAK-NET128	2010-2 PAK Increases the network capability to 32 nodes and 128 loops
2010-2-PAK-NET256	Network Expansion - 64 Nodes / 256 Loops for Addressable Fire Panel
2010-2-PAK-RMSDK	2010-2 PAK Enables custom event reporting and command control using the Edwards
2010-2-PAK-RMOH	2010-2 PAK Enables the Contact ID protocol over Ethernet
2010-2-PAK-RMBN	2010-2 PAK Enables the BACnet protocol over Ethernet
2010-2-PAK-RMMB	2010-2 PAK Enables the Modbus protocol over Ethernet
2010-2-PCC-CF	
2010-2SW-FS	FiRe Server for connectiong FiRe mobile apps

