

# J424



## Expandable fire control panel.

Designed and made according to EN54 standards, the J424 is a microprocessor based control panel for medium and large applications. It has 8 zones main board and supports two J400-EXP8 expander modules, for a total of 24 zones and 504 detectors. Each detection zone is equipped with an alarm-repeat output for selective alarm management in the event of fire. The control panel has supervised and silenceable alarm outputs for the control of the self-powered sirens, piezoelectric sirens, fire bells, flashers, telephone diallers, etc. This easy-to-use control panel is protected by a lockable frontplate which allows operational access to authorized personnel only. The J424 control panel is also available with a backlit display, which shows all the information regarding the control panel status. The optional Software in Windows™ environment, allows full systems management of events memory, files, reset and all the programmable functions provided by the control panel.



### J424

- 8 controlled, balanced, bypassable input zones expandable to 24 by means of two 8 zone expanders
- Optional backlit display
- RS485 bus
- Power supply: 230 Vac ±10%
  - 27.6 Vdc 2.5 A switching supply/battery-charger
  - Compartment for two 12 Vdc 17 Ah batteries
  - Dimensions (wxhxd): 422x502x116 mm
  - Weight (without batteries): max. 8.5 Kg

## FEATURES

- Conforms with EN54
- Up to 21 devices can be connected to each zone: conventional fire detectors, alarm buttons, gas detectors
- Gas zone compatible with 4 – 20 mA gas detectors
- One alarm-repeat output (open collector) for each input zone
- Manual call point recognition
- Signals missing detectors
- 2 supervised, silenceable, bypassable 24 V alarm output for the activation of piezoelectric sirens, fire bells and flashers
- Silenceable fault-warning output for the activation of signalling and auxiliary devices
- Supervised fire output for telephone dialler activation
- Programmable open-collector output
- Dry contact alarm-relay for the activation of auxiliary devices
- Day/Night mode
- Alarm verification time
- Programmable restoral and reset times
- Programmable from PC or keypad
- 50 event log viewed via PC
- Alarm/fault memory activated until next reset
- Command for silencing sirens
- Keypad commands require key or pin code

### ORDER CODES

<b>J424-8</b>	Expandable fire control panel
<b>J400-LCD</b>	Display module
<b>J400-REP</b>	Repeater panel
<b>PCJ400BRIDGE</b>	Serial interface
<b>J400-EXT</b>	Extinguisher module with microprocessor control
<b>J400EXP8</b>	8 zones expander module for J424 panels

# ACCESSORIES



**J400-LCD**  
Display module

### TECHNICAL FEATURES

Backlit LCD display module, two lines with 16 characters per line. Main text regarding the system's status and it is equipped with 6 scroll keys.



**PCJ400BRIDGE**  
Serial interface

### TECHNICAL FEATURES

Enables PC communication with J400 series fire control panels via RS485 bus. Receives data from zones and peripherals and transmits commands to the system (bypass, unby-pass, etc). Configured as J400-LCD module, maximum 4 modules per system (if J400-LCD module is need, only 3 PCJ400 Bridge interfaces can be installed).



Management software

### TECHNICAL FEATURES

User-friendly Windows software for a quick and easy way to program the control panel, with event logger and print-out functions.

INCLUDED IN BENTEL FIRE SUITE  
pag.32



**J400-REP**  
Repeater panel

### TECHNICAL FEATURES

- 4 wire connection to the panel (power supply included)
- The repeater panel may be installed up to 1.000 m from the control panel
- Displays all audible and visual signalling
- Control panel management
- Dimensions (wxhxd): 280x320x40 mm
- Weight: 2.260 Kg



**J400-EXT**  
Extinguisher module with microprocessor control

### TECHNICAL FEATURES

- Output for electro-valves controlled by logic (AND/OR) between the status of the control panel zones
- Programmable extinguishment delay
- Output signals: extinguishment delay, extinguishment and released
- Input for the forced activation of the extinguishment devices - Input for the pressure switch
- Fault signalling on pressure-switch supply line
- Fault signalling on input lines
- Bypass of extinguishment devices in the event of false alarm
- Inputs for selecting manual or automatic mode, extinguishment inhibit and power supply supervision



**J400EXP8**  
8 zones expander module for J424 panels

### TECHNICAL FEATURES

- 8 balanced, bypassable fire zones