



# ZAFIR

## ADDRESSABLE ALGORITHMIC CONTROL PANEL

### Zafir addressable algorithmic control panel for fire detection and fire alarm, certified according to EN 54-2 and EN 54-4

The Zafir Algorithmic addressable Control Panel is EN 54-2 and EN 54-4 according to the European Regulation of Construction Products.

The new development of Zafir control panel, allow integration of all the functionality of an addressable algorithmic system in a reduced-dimension cabinet with capacity up to 452 detectors in 2 loops.

The control panel is totally compatible with the Lyon system, highlighting that loop elements (sensors, manual call points, relay modules, masters, analogue sounders and technical signal modules) have the property of being auto-identifiable, that is to say, all of them can be installed with no need for prior manual encoding, facilitating enormously the assembly and subsequent modifications to the installation.

#### FEATURES

- Control panel configurable with 1 or 2 loops.
- Loop capability 226 points.
- All the points are supervised by the control panel, except the loop isolator KABY.
- Capacity for 64 configurable relays per control panel.
- Can hold up to 99 zones per panel.
- Registry with capacity of 6601 events with date and time.
- Relay configuration with activation of 1, 2 or 3 alarm detectors.
- Relay activation auto-configuration function.
- Allows the configuration of visual and/or sound devices of the detector bases as loop powered relays.
- Delay of supervised sounder output programmable between 0 to 10 minutes, identified as S1.
- Alarm output as free voltage relay not supervised, identified as ALARM.
- Fault output, delayed and supervised, identified as FAULT.
- Allowed to connect addressable sounders in the loop.
- Evacuation push-button.
- Backlit LCD display with 4 lines and 40 characters.
- Incorporates multiple languages by default (Spanish, English, French, Portuguese, etc).
- Configurable with the I-Link software.
- Access to the control panel keyboard introducing a numeric code.
- Allows connection of up to 15 repeaters and/or 15 control panels in network.
- Cofem Remote (on specific request).
- CRI functionality on demand.
- Size: 368 x 336 x 96 mm (with cover).
- Certified according to EN-54-2 and EN 54-4 and CE mark according to the European Regulation of Construction Products (UE) N°305/2011.

#### TECHNICAL FEATURES

|                     |                     |                            |                            |
|---------------------|---------------------|----------------------------|----------------------------|
| Input voltage       | 110/230 Vac 50/60Hz | Maximum current per loop   | 500mA/24 at 36V/DC         |
| Output voltage      | 21V nominal         | Communications port        | USB 2.0/1.1 type B & RS485 |
| Maximum consumption | 70VA at 230 VAC     | Environmental conditions   | -10°C+50°C 20%-95%RH       |
| Batteries charger   | Yes                 | Dimensions                 | 368x336x96mm (with cover)  |
| Devices per loop    | 226                 | Weight (without batteries) | 4,5kg                      |
| Batteries fuse      | 4A                  | Standard                   | EN 54 parts 2 & 4          |
| IP protection       | IP30                | S1 sounder fuse            | 1,85A autoreset            |
|                     |                     | 30V output fuse            | 0,75A autoreset            |



General wiring diagram Lyon Remote, Zafir y C-Lyon