

# ZP2-LB

## Addressable Fire Panel Accessory - Loop Expansion Printed Circuit Board - 2 loop

### Overview

The loop board with pluggable connectors adds 2 additional loops to your 2-loop low-end addressable fire panel that doubles the amount of devices to be supported by one panel and 128 extra zones can be programmed. Together with the 2 additional loops, 4 supervised sounder/fire-routing outputs, which can be used as freely programmable outputs, come along as well.

### The Application

The loop board allows for bigger single panel applications. Instead of using two 2-loop panels you now have only one panel to power and all the loop wiring is concentrated to one location without having to use a Firenet network.

In case you need to expand an existing system you don't need to put another panel in place. You only have to add the loop board. This makes your system more flexible and easier to expand.

Please note that only the 2-loop panel has this capability of adding the additional loop board.

### Mounting

The board can be plugged directly on the front of the main board of the panel on the easy to remove chassis. No additional cabling needs to be done.



### Details

- 2 loops and adds up to 128 zones
- 4 programmable outputs
- Pluggable connectors
- Plugs directly on the front of the main board and chassis

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### Technical specifications

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#### General

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Maximum system capacity (device count) up to 256

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#### Loop

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Maximum loop capacity 2

Outputs 2, 300mA@11VDC (peak 500mA@20V)

Cable length 52ohm / 500nF max. 2 km

Cable type Recommended 2 core 1.5 mm<sup>2</sup> twisted pair

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#### Zone

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Maximum zone capacity up to 256

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#### Output

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Programmable supervised 4, 700mA / 19.5-28VDC (24VDC nominal)

Cable type Recommended 2 core 1.5 mm<sup>2</sup> twisted pair

End of Line resistor 15kohm

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#### Physical

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Form factor Large

Physical dimensions 121 x 51 x 155 mm (W x H x D)

Net weight 120 g

Shipping weight 218 g

Mounting type Surface mount

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#### Environmental

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Operating temperature -8 to +42°C

Storage temperature -10 to +50°C

Relative humidity 95% max. noncondensing

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#### Regulatory

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Compliance CPD, RoHS, WEEE

Certification EN54-13, EN54-2, EN54-21, EN54-4

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