# ZP2-LB

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

### Overview

The loop board with plugable 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
- Plugable connectors
- Plugs directly on the front of the main board and chassis

# ZP2-LB

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

## Technical specifications

### General

| | |
|---|---|
| Maximum system capacity (device count) | up to 256 |

### Loop

| | |
|---|---|
| Maximum loop capacity | 2 |
| Type and rating | 300 mA @11 VDC (peak 500 mA @20 V) |
| Cable rating | Recommended 2 core 1.5 mm² twisted pair, 52 ohm, 500 nF, max. 2 km |

### Zone

| | |
|---|---|
| Maximum zone capacity | up to 256 |

### Output

| | |
|---|---|
| Output quantity | 4 |
| Output type and rating | Cable type: Recommended 2 core 1.5 mm² twisted pair |
| Programmable | Supervised: 700 mA / 19.5 to 28 VDC (24 VDC nominal) |
| Termination | 15 kohm |

### Physical

| | |
|---|---|
| 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 |

### Environmental

| | |
|---|---|
| Operating temperature | -8 to +42°C |
| Storage temperature | -10 to +50°C |
| Relative humidity | 95% max. noncondensing |

### Regulatory

| | |
|---|---|
| Compliancy | CPD, RoHS, WEEE |
| Certification | EN54-13, EN54-2, EN54-21, EN54-4 |

KIDDE COMMERCIAL

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

Last updated on 16 October 2026 - 9:52