# 71601

## ZP3 Series - ZP3-RDUB 1 Repeater Panel - English

### Attractive low profile unit

Designed to match the ZP3 main control panel, the ZP3-RDU remote display is an attractive, low profile unit providing repeat indication and system control at a location remote from the main control panel position. Housed in a small, slim enclosure, the remote unit has a fascia design and layout in matching style to ZP3 control equipment. Up to 32 remote units can be connected to any central panel.

The unit features zonal designation for up to 50 zones, a 4 row 160 character, back lit liquid crystal display and an 'at a glance' system status LED matrix. Controls are provided for accept, reset, silence and sound alarms. A restore disabled alarms facility re-enables previously disabled alarm sounders immediately, should the need for an evacuation arise.

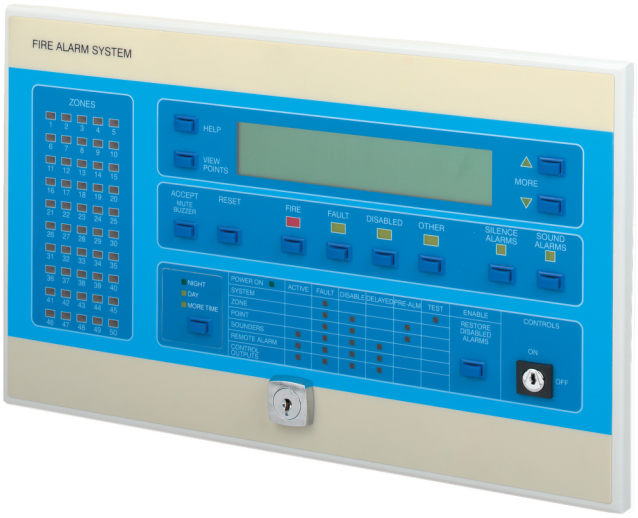
### Displays both zone and address information

Control keys are provided to select listings of current fires, faults and disablements for display. Initial information is displayed by zone, with a further facility to display point addresses within the displayed zone. Operating as an indicator panel only in its normal mode the ZP3-RDUB1 system control functions are accessed by means of a security key switch. Internal switches are provided to configure the unit to operate as an indicator only with no control facilities, with controls by key access, or with control functions enabled on a permanent basis.

### Serial link connection

The unit is driven from an optional serial driver card, added to the main board within the ZP3 panel enclosure. Wiring to the main control panel is by serial link, screened, twisted pair, which can be daisy chained, teed off or spurred. The total wiring length of all remote display units connected to a main control panel can be up to two kilometres.

The ZP3-RDUB1 can either be powered directly from the main panel 24 VDC, or by a remote power supply unit. A version featuring a stainless steel enclosure is also available.




### Details

- Remote control and indication
- Up to 32 remote units connected to each main panel
- 4 row 160 character LCD
- Replicates main panel fascia
- Restore disabled sounders facility

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## Technical specifications

### General

| | |
|---|---|
| Compatibility | All ZP3 analogue addressable panels |
| Description | Remote display unit |
| Description | ZP3-RDUB1-24SS - Stainless steel enclosure |

### Electrical

| | |
|---|---|
| Operating voltage | 24 VDC |
| Current consumption | 100 mA (panel in mains fail state), 250 mA |
| Wiring | Comms connection by 2 core RS485 screened twisted pair. Total 2km for any number of units per ZP3 main panel |
| Power supply | From ZP3 control panel or remote PSU |

### Physical

| | |
|---|---|
| Form factor | Small |
| Physical dimensions | Front plate: 220 x 360 mm (H x W)<br>Back box: 195 x 335 x 60 mm (H x W x D)<br>Overall: front plate projects 20 mm when recessed |
| Net weight | 2.6 kg |
| Colour | Grey (Pantone 428c) |
| Mounting type | Recessed mount, Surface mount |
| Material | Back box and Front plate - sheet steel |

### Environmental

| | |
|---|---|
| Operating temperature | -5 to + 40ºC |
| Relative humidity | 10 to 90% noncondensing |
| Environment | Indoor |
| IP rating | IP30 |

### Monitoring

| | |
|---|---|
| | Panel disconnection. LEDs for zone designation (50), power, fire, fault, disabled, other, silence alarms, sound alarms. |

### Text Display

| | |
|---|---|
| | 4 line 160 character LCD (black lit) |

### Data interface

| | |
|---|---|
| | Via ZP3AB-SCB-D (RS485) serial bus driver board |

### Key switch enable

| | |
|---|---|
| | All controls (can be software enabled in main panel) |

### Regulatory

| | |
|---|---|
| EMC | CE marked (EEC89/336) |

### Publication No

| | |
|---|---|
| | PS1294 |

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