



PS1294.5

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 attractive 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.

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-RDU 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.

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-RDU 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.

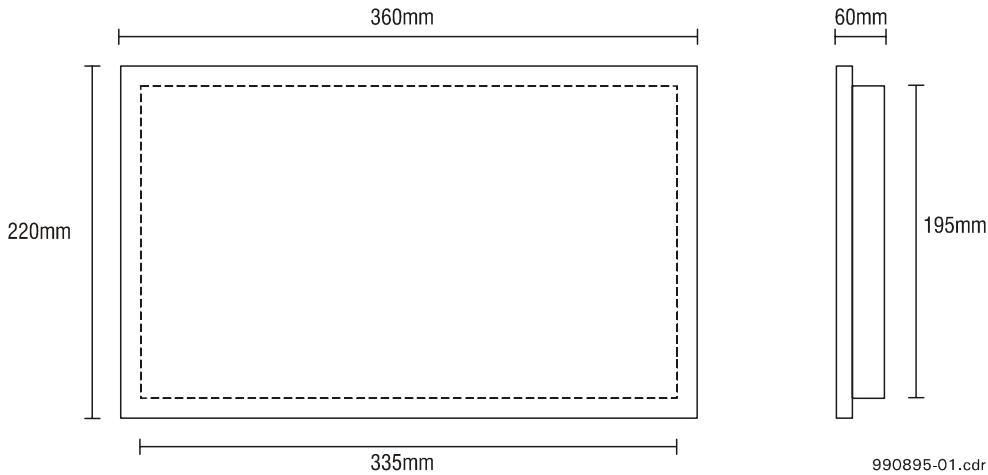


ZP3-RDUB1

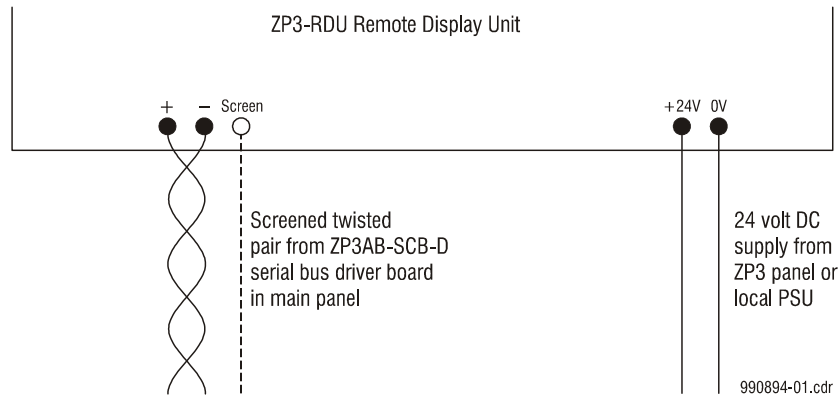
Remote Display Unit

- **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**

Dimensions



Wiring Diagram



Specification



Model No.	ZP3-RDUB1-24 ZP3-RDUB1-24SS	Current	100mA (panel in mains fail state) 250mA (nominal) 350mA (max current draw during lamp test)
Description	Remote display unit ZP3-RDUB1-24SS – Stainless steel enclosure	Data interface	Via ZP3AB-SCB-D (RS485) serial bus driver board
EMC	CE marked (EEC89/336)	Selectable features	All controls by key switch enable (can be software enabled in main panel)
Compatibility	All ZP3 analogue addressable panels	Environmental:	
Mounting	Surface or recessed	EN60529 rating	IP 30 (indoor applications)
Wiring	Communications connection by 2 core RS485 screened twisted pair. Total 2km for any number of remote units per ZP3 main panel	Temp range	-5°C to + 40°C
Monitoring:	Panel disconnection Zone designation - 50 light emitting diodes System status - 32 light emitting diodes - including power, fire, fault, disabled, other, silence alarms, sound alarms. Text display-4 line 160 character LCD (black lit) and supervisory buzzer-confirms all alarms and operator key presses.	Humidity range	10% to 90% RH (non condensing)
Operating voltage	24 Vdc	Construction:	
Power supply	From ZP3 control panel or remote PSU	Enclosure	Back box and Front plate - sheet steel
		Dimensions	Front plate - 220mm (H) x 360mm (W) Back box - 195mm (H) x 335mm (W) 60mm (D) overall 20mm overall projection when recessed
		Colour	Pantone 428c Cool grey
		Weight	2.6 kg