



# FIRE REPEATER PANELS – CONVENTIONAL

## ORYX200 REPEATER RANGE



ORYX204-R  
4 ZONE FIRE REPEATER PANEL

### DESCRIPTION

The **ORYX** Conventional Fire Repeaters are used to display information from the ORYX Conventional Fire Panels at a remote location. The Repeater Panels also offer control functionality in the form of Silence Buzzer, Silence Alarm, Sound Alarm and Reset buttons.

The panels are housed in an attractive, modern powder coated metal enclosure for durability and have been designed for ease of installation.

The Repeater Panel requires an external power supply, or can be powered from the ORYX Fire Panel's auxiliary output.

The Repeater Panel will mimic all the master Fire Control Panel's alarm indications. Up to 7 (seven) Repeater Panels can be connected to a single ORYX Fire Panel. The RS485 communication protocol allows cable runs of up to 1,200 metres total on the Communication Bus.

The Repeater Panel have unique event log codes that are logged on the ORYX Fire Panel with a date and time stamp.

### FEATURES

- 2, 4 and 8 Zone Versions
- Up to 7 Repeaters on the RS485 Communication Bus with 1,200 metres of cable
- 3 Year Warranty
- Operating Voltage: 22 V DC to 28 V DC
- Events Logged on ORYX Fire Panel's 900 Event Log
- Pluggable Termination Connectors with In and Out Configuration for Easy Wiring Installation
- Key Switch for User Level Access Control





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### SPECIFICATIONS

<b>Enclosure</b>	Mild Steel IP30, Matt Light Grey (ANP 37035)
<b>Environmental</b>	-5 to 40 °C
<b>Humidity</b>	95% RH, Non-condensing
<b>Weight</b>	
2, 4 & 8 Zone	± 1 kg
<b>Cable Entries</b>	
2, 4 & 8 Zone	Top: 2x 20 mm, 2x 25 mm Back: 2x 20 mm, 2x 25 mm
<b>LED Indicators</b>	
ORYX202-R	3x Fire, 6x Fault, 7x Control & Information indications
ORYX204-R	5x Fire, 8x Fault, 7x Control & Information indications
ORYX208-R	9x Fire, 12x Fault, 7x Control & Information indications
<b>Key Switch</b>	Enable controls
<b>Event Log</b>	Events are logged on the ORYX Fire Alarm Control Panel (900 Logged events)
<b>Power Required</b>	22 V DC to 28 V DC
<b>Current Consumption</b>	
<b>PCB Quiescent Load</b>	
ORYX202-R	24 mA @ 27.5 V DC
ORYX204-R	24 mA @ 27.5 V DC
ORYX208-R	24 mA @ 27.5 V DC
<b>PCB Alarm Load</b>	
ORYX202-R	36 mA @ 27.5 V DC
ORYX204-R	36 mA @ 27.5 V DC
ORYX208-R	42 mA @ 27.5 V DC
<b>Number of Repeated Fire Zones</b>	2, 4 or 8
<b>Communication Protocol</b>	RS485 @ 1,200 metres maximum
<b>Dimensions H x W x D</b>	171 x 236 x 50 mm

### ORDERING INFORMATION

Product Code	Product Description
ORYX202-R	2 Zone Conventional Fire Repeater Panel
ORYX204-R	4 Zone Conventional Fire Repeater Panel
ORYX208-R	8 Zone Conventional Fire Repeater Panel
ORYX20x	x Zone Conventional Fire Control Panel
ORYX20x-W	x Zone Conventional Weatherproof Fire Control Panel
ORYX20x-WDIN	x Zone Conventional Weatherproof Fire Control Panel c/w DIN Rail

x = Available in 2, 4 and 8 Zone versions

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