

HFP Repeaters

Analogue Addressable
Fire Control Panel Repeaters



HFP Repeaters

The simple and attractive HFP repeater panels can be connected to any point on a HFP network to provide an additional compact display point for all events on the fire alarm system.

Using the same large format graphics display as the main control panel ensures that a clear and concise text indication of the system status is given at all times.

Primary indications is provided by the full graphic LCD with additional indications for power, fire, fault and disablement conditions provided by discrete LEDs.

Controls are kept to a minimum with only two navigation buttons and a silence buzzer button on the HFP AP-PRNS and additional Silence Alarm, Reset and RE-sound alarm buttons on the HFP AP-ARNS.

Ideal for additional building entrances, security desks or nurses stations this unit provides an economical and more compact alternative to a full function, HFP repeater panel.

HFP AP-PRNS connects directly to a fault tolerant HFP network and can also be used as a network booster to extend cable runs beyond the specified lengths as required.

HFP AP-CRLS

The HFP AP-CRLS fire alarm repeater provides an alternative to HFP AP-PRNS network connected repeaters and provides a cost effective, simple and convenient method of extending the controls and indications of the HFP fire alarm control panels to other locations.

The large, graphic LCD, brightness LED indicators and full set of controls duplicate the indications and controls on the HFP fire alarm control panel at up to 15 additional locations via a (separate to the HFP network) simple, two wire serial data connection.

Ideal for locations where a control and indication point smaller than a full fire alarm control panel is required, the HFP AP-CRLS is available in either 24V DC powered option (which can be powered via an additional 2 cores from the HFP control panel auxiliary 24V DC supply) or a 230V powered option with a local battery back up.

Product Number	Description	Extras
HFP AP-ARNS	Active Network Repeater	Semi Flush Mounting, Power Supply 750mA
HFP AP-PRNS	Passive Network Repeater	Semi Flush Mounting, Power Supply 750mA
HFP AP-CRLS	Local LCD Control Repeater	Semi Flush Mounting, Power Supply 750mA, Keypad

Technical - HFP Repeaters

Construction	1.2mm mild sheet steel
IP Rating	IP30
Finish	Epoxy powder coated
Colour - lid & box	BS 00 A 05 grey - fine texture
Colour - controls plate & labels	RAL 7047 light grey - satin
Display	8 lines of 40 characters graphic LCD
Input voltage (24V DC model)	21V DC - 30V DC
Input voltage (230V AC model)	230V AC+10% / -15%
Current Consumption	80mA at 24 DC (in fault condition)
Alarm current	100mA at 24V DC
Alarm contact rating	30V DC1 Amp max
Fire contact rating	30V DC1 Amp max
Fault contact rating	30V DC1 Amp max
Display	240 x 64 pixel graphic LCD
Cable entry	20mm knockouts
Indicators	5mm high brightness LED
Battery size	2.3Ah 12V (2 per panel)
Cable length	1200 metres to adjacent nodes
Operating temperature	-5°C to +40°C
Dimensions (mm)	330 x 255 x 90

Technical - AP-CRLS

Construction	1.2mm mild sheet steel
IP Rating	IP30
Finish	Epoxy powder coated
Colour - lid & box	BS 00 A 05 grey - fine texture
Colour - controls plate & labels	RAL 7047 light grey - satin
Weight	4kg (standard panel)
Display	8 lines of 40 characters graphic LCD
Cable entry	5 x 20mm knockouts in top of box and 5 in rear
Mains supply (Mains models only)	230V AC +10% - 15% (20 Watts maximum)
24V supply (24V DC models only)	21 to 30V DC
Mains supply fuse	2 Amp, 20mm
Power supply rating	28V 750mA total (including battery charging)
Maximum ripple current	200 millivolts
Battery type	Two 12 Volt 1.9Ah sealed lead acid in series
Battery charge voltage	27.6VDC nominal
Battery charge current	200mA maximum
Battery fuse	200mA, 20mm, glass
Maximum current draw from batteries	95mA
Quiescent current of panel in mains fail	0.03 Amps
Serial data connection	2 core RS485 (Up to 1200 metres total cable length)
Maximum terminal capacity	2.5mm ²
Dimensions	330 x 255 x 90