

**Syncro**  
**Focus**

**Syncro**  
**Focus+**

**NEW!**



Focus+ Model No. K69100M1

## Network LCD Repeaters

Simple network LCD repeater panels that provide an economical solution for additional fire system display points

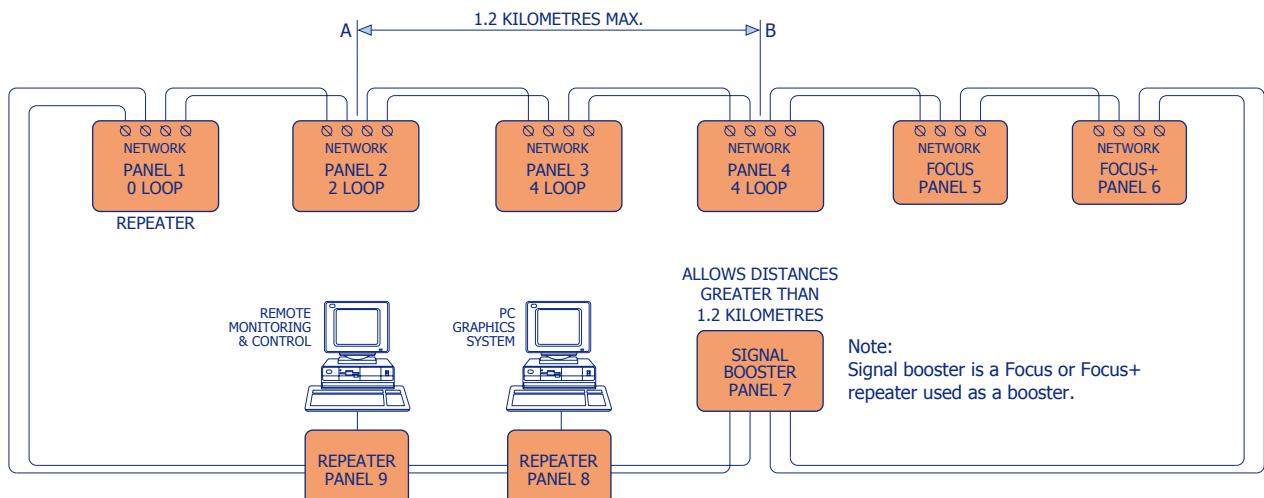
### Features

- Large graphic display
- Simple connection to Syncro network
- 24V DC powered (230V AC available)
- Small attractive enclosure
- Configurable to display all or any events
- Simple to install
- Volt free Alarm, Fire and Fault contacts
- Up to 63 repeaters can be connected to a panel
- Focus+ with full controls has the following extra buttons:
  - Silence Alarm
  - Resound Alarm
  - Reset

### Product Overview

- This simple and attractive repeater panel can be connected to any point on a Syncro network to provide additional display points as needed.
- Using the same large format graphics display as the main control panel ensures that a clear and concise indication is given at all times.
- Ideal for additional building entrances, security desks or nurses stations this unit provides an economical alternative to a full function repeater panel. (Syncro Response)

The repeater also acts as a network booster and can be used to extend cable runs beyond the specified lengths as required.

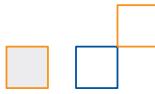


Example of a Syncro high integrity network



# Specifications

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Construction	- 1.2mm sheet steel
Finish	- epoxy powder coated
Colour (lid & box)	- BS 00 A 05 (mid grey texture) - lid & box
Colour (controls plate)	- Ral 7047 (light grey) - controls plate
Input voltage (24V DC model)	- 21V DC - 30V DC
Input voltage (230V AC model)	- 230V AC +10%/-15%
Current consumption	- 80mA at 24V DC (in fault condition)
Alarm current	- 100mA at 24V DC
Alarm contact rating	- 30V DC 1 Amp max.
Fire contact rating	- 30V DC 1 Amp max.
Fault contact rating	- 30V DC 1 Amp max.
Display	- 240 x 64 pixel graphic LCD
Cable entry	- 20mm knockouts
Indicators	- 5mm high brightness LED
Battery Size (24 hr. standby on 230V AC model)	- 2.3Ah 12V (2 per panel)
Communications	- Syncro system network protocol only
Cable length	- 1200 metres to adjacent nodes (subject to cable type) (see technical manual)
Network cable type	- Belden 9271, Belden 9860, FP200 Gold
Operating temperature	- -5°C to +40°C

NOTE: An S555 network card is required in the Syncro panel in order to communicate with these products

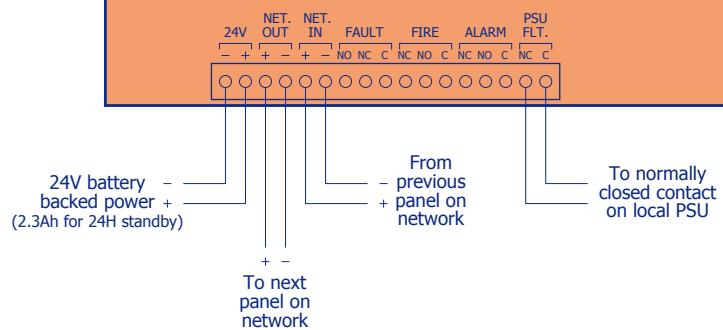
## Focus Units

Product Code	PSU	Weight	Build	Size (mm)
<b>K68000M1</b>	-	2.5kg	Surface	330 x 255 x 90
<b>K69000M1</b>	750mA	4.0kg	Surface	330 x 255 x 90
<b>K68000F1</b>	-	2.5kg	Semi Flush	330 x 255 x 90
<b>K69000F1</b>	750mA	4.0kg	Semi Flush	330 x 255 x 90

## Focus+ Units

Product Code	PSU	Weight	Build	Size (mm)
<b>K681000M1</b>	-	3.5kg	Surface	330 x 255 x 90
<b>K691000M1</b>	750mA	4.0kg	Surface	330 x 255 x 90
<b>K681000F1</b>	-	3.5kg	Semi Flush	330 x 255 x 90
<b>K691000F1</b>	750mA	4.0kg	Semi Flush	330 x 255 x 90

### Syncro Focus/Focus+ PCB



Certificate No. FM 32987  
BS EN ISO 9001: 2000



Certificate No. 360  
BS EN ISO 9001: 2000