

**Syncro  
Focus**

**Syncro  
Focus+**

**NEW!**



Focus+ Model No. K691000M1

## Network LCD Repeaters

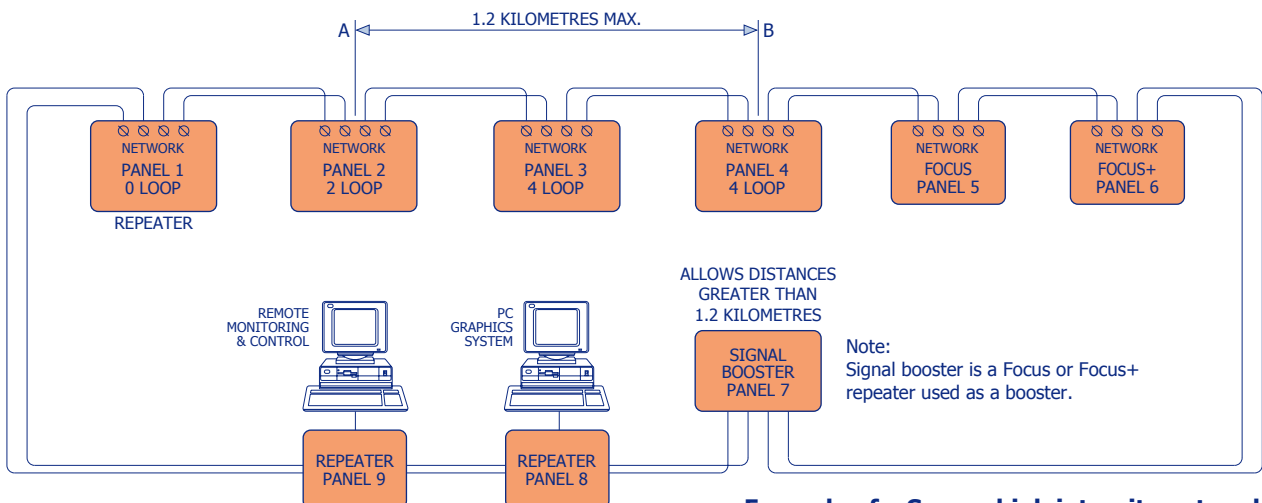
Simple network LCD repeater panels that provide an economical solution for additional fire system display points

### 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.

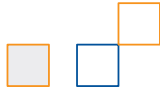


**Example of a Syncro high integrity network**



# Specifications

DS24.07.2006



# Technical

|  |  |
|--|--|
| 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 |




Certificate No. FM 32987  
BS EN ISO 9001: 2000




Certificate No. 360  
BS EN ISO 9001: 2000

