Syncro Focus & Syncro Focus+
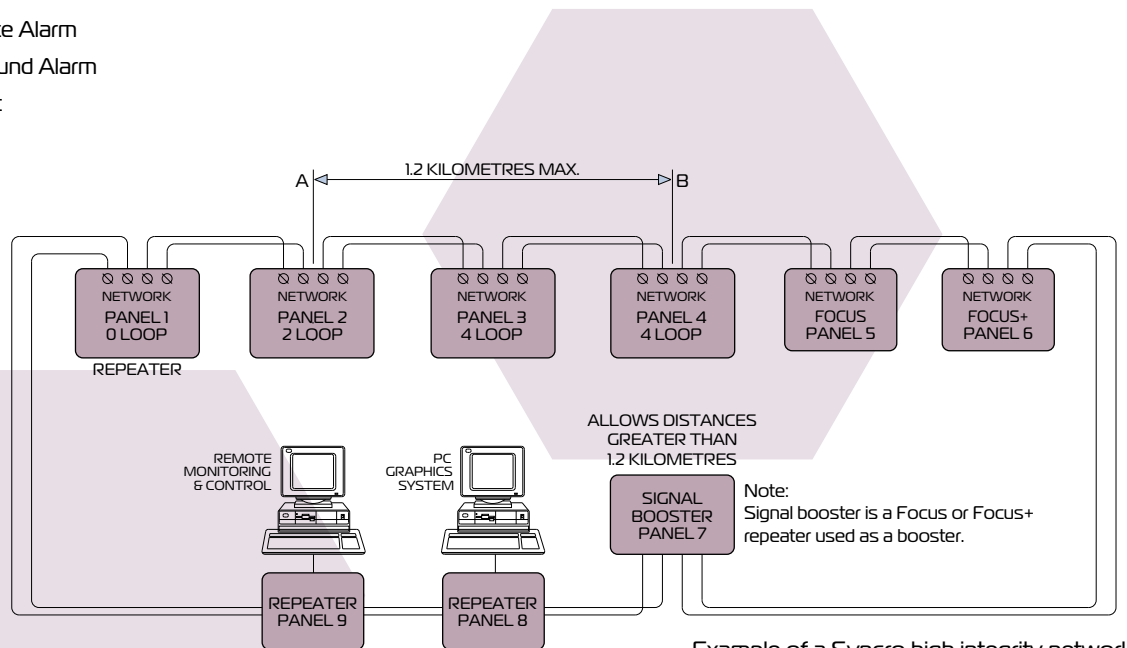
Network LCD Repeaters

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.

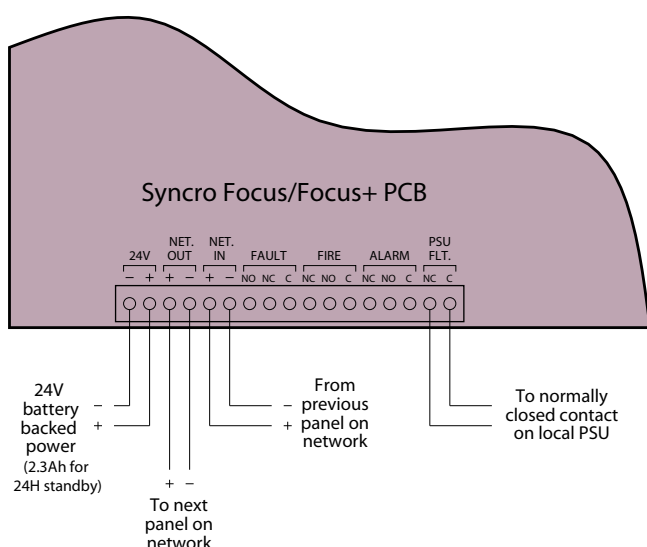Example of a Syncro high integrity network

Focus Model No. K69000M1   Focus+ Model No. K691000M1

Focus Units

Product Code	PSU	Weight	Build	Size (mm)
K68000M1	-	2.5kg	Surface	330 x 255 x 90
K69000M1	750mA	4.0kg	Surface	330 x 255 x 90

Focus+ Units

Product Code	PSU	Weight	Build	Size (mm)
K681000M1	-	3.5kg	Surface	330 x 255 x 90
K691000M1	750mA	4.0kg	Surface	330 x 255 x 90

Syncro Focus/Focus+ PCB

24V | NET. OUT | NET. IN | FAULT | FIRE | ALARM | PSU FLT.

24V battery backed power (2.3Ah for 24H standby)

To next panel on network

From previous panel on network

To normally closed contact on local PSU

Technical

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 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	-	2.3Ah 12V (2 per panel)
(24 hr. standby on 230V AC model)		
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 K555 network card is required in the Syncro/Syncro AS panel in order to communicate with these products. 6 - 8 loop panels have a network card fitted as standard.