STUDIO SYSTEMS ELECTRONICS

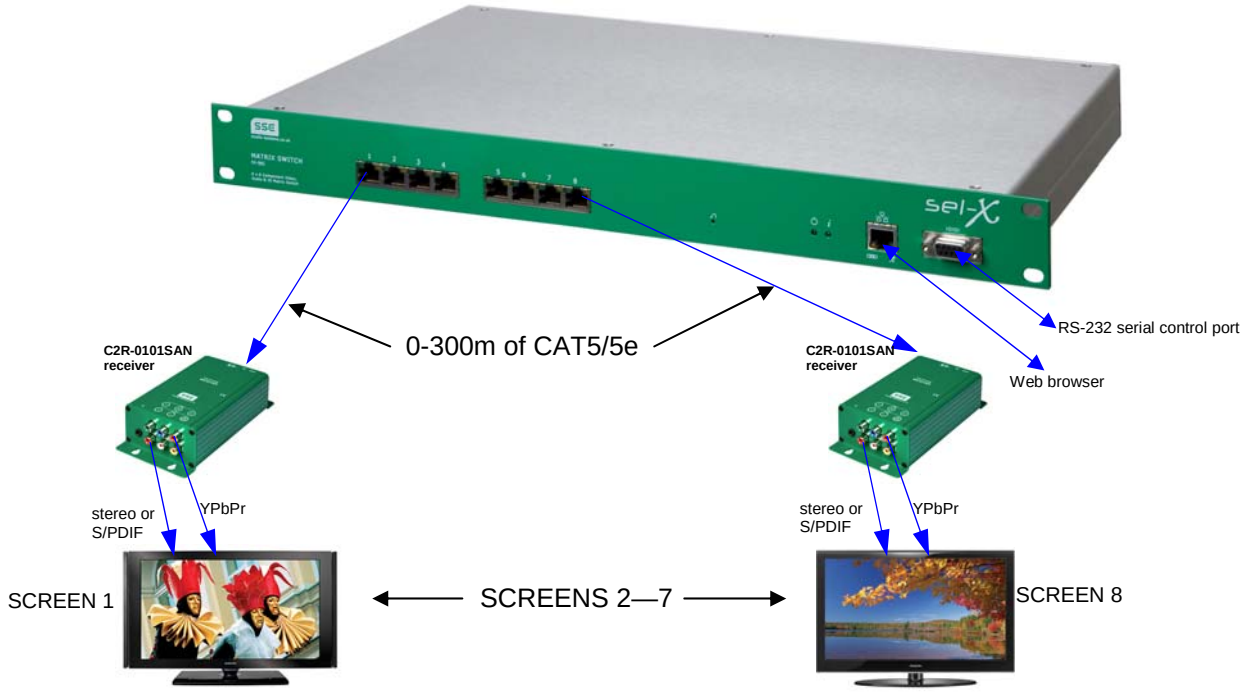
the dependable way to switch multiple sources to multiple screens

sX series

SX-88C hub + C2R-0101SAN receiver

8 x 8 HD component + stereo & S/PDIF audio, CAT5 matrix switching system

- High Definition compatible, 1080p equivalent
- Up to 300m transmission distance
- 8 source inputs, 8 zone outputs
- Infrared pass-through control to each source
- Component (YPbPr), composite or Y/C video
- S/PDIF digital or L/R stereo audio
- Infrared, RS-232 & web browser switching control
- Password protected web browser for system control & set-up
- Uses inexpensive CAT5/5e for zone connections
- All receivers powered from hub, i.e no need for extra psu



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sX series

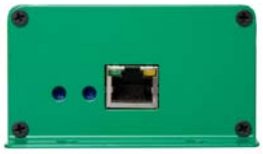
simple Plug-and-display technology.

browser Internal browser can edit source & zone names, set up allowable viewing times, source blocking and inhibit IR control from any zone.

compatibility Fully compatible with your existing structured cabling, including patching panels.

IR pass–through The Sel-X 88C hub has full infrared remote control pass-through to each of the 8 sources, enabling complete control of each source using the remote control supplied with that source equipment.

Sel-X 88C HUB



C2R-0101SAN receiver

SPECIFICATION (PROVISIONAL)

SPECIFICATION

Hub connectors

YPbPr inputs:	RCA phono
Infrared out	3.5mm mono
S/PDIF audio inputs:	RCA phono
Zone 0utputs:	RJ45
Serial RS-232:	9-D female
Ethernet:	RJ45
Power input:	2.1mm centre +ve

Hub Indicators

Power ON:	Blue LED
Status:	Green LED
Ethernet-link	Yellow LED (link) Orange LED (activity)

C2R-0101SAN Receiver connectors

Cable:	RJ45
Signal outputs:	RCA phono
Infrared input:	3.5mm stereo jack

C2R-0101SAN Indicators

Power ON:	Green LED
IR pulses:	Yellow LED (flashing)

Video Inputs (Hub)

Format:	YPbPr
Level:	0.7Vp-p nom.
Impedance:	75Ω

Audio Inputs (Hub)

Level:	-6dB nom.
Impedance:	100Ω S/PDIF 10kΩ L/R stereo

Video Outputs (C2R-0101SAN)

Level:	0.7p-p nom.
Impedance:	75Ω

Audio Outputs (C2R-0101SBN)

Level:	0dB gain
Impedance:	100Ω S/PDIF 51Ω L/R stereo

Performance

Video

Bandwidth:	125MHz (3dB)

Audio

Bandwidth:	30Hz—20kHz (3dB)
Gain:	Unity

RS-232 Serial Port

Format:	9600,n,8,2
Protocol:	<ZxSy> where Zone x is changed to show Source y

Ethernet data:	10/100BaseT

Power (Hub)

Voltage:	24V.D.C
Current:	4A (fully loaded)

Environmental

Operating Temp.	0-40ºC
Storage Temp.	-20˚C to +70˚C
Relative Humidity:	0-90% (non-condensing)

Physical

Dimensions (mm):	
Hub	19”(W) x 1RU(H) x 300(D) excluding connectors
Weight:	
Hub	2Kg
C2R-0101SAN	400g

ORDERING INFORMATION

Sel-X 88C	8x8 Matrix Hub
C2R-0101SAN	Cat5/5e Receiver
C2R-0101SBN	Cat6 Receiver with skew correction