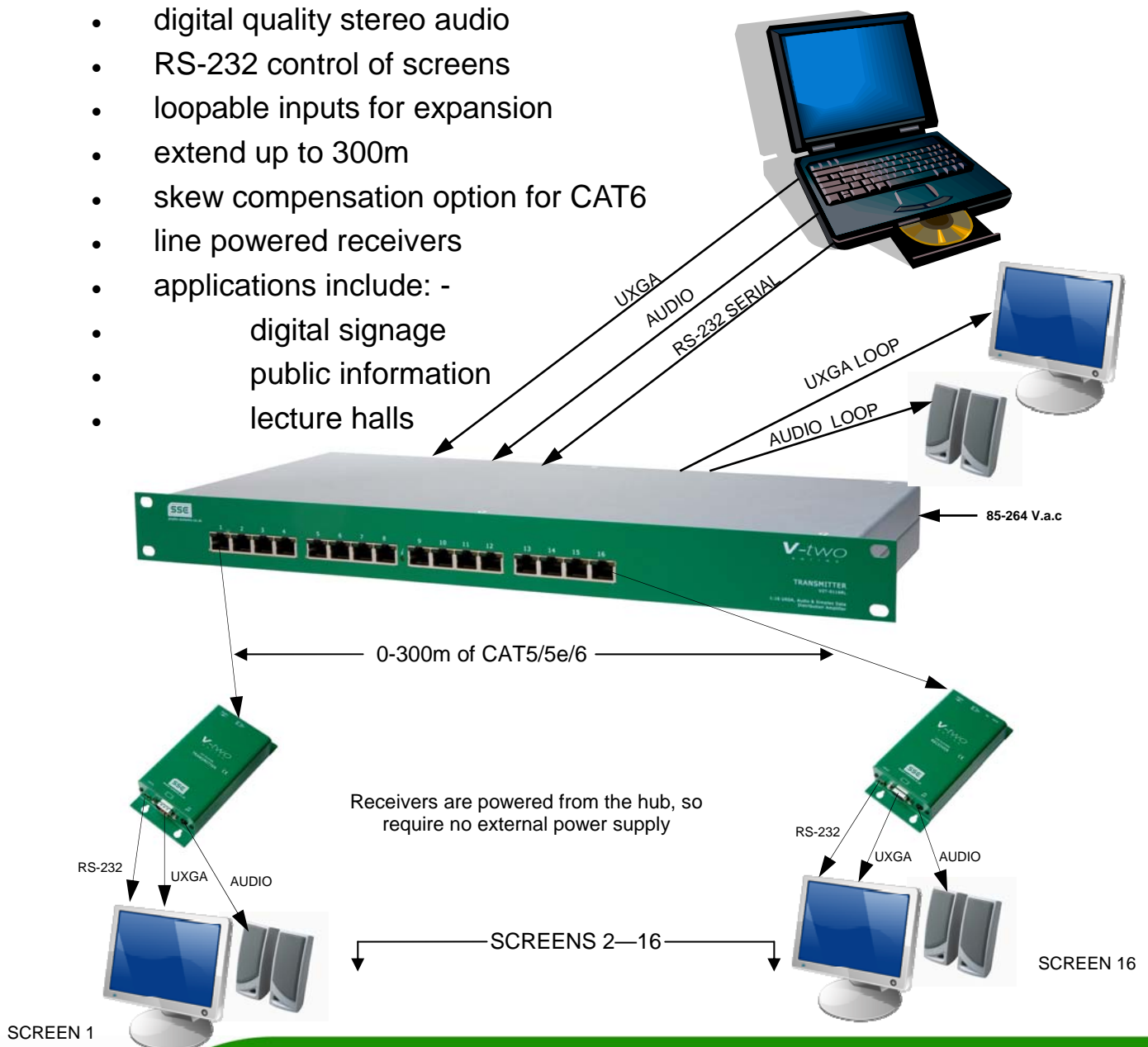


the **dependable** way to remote stereo, screens & RS-232 control

V-two series

V2T-0116RL + V2R-0101S_N 1:16 UXGA + Stereo + RS-232 CAT5/5e/6 extender

- up to UXGA resolution
- digital quality stereo audio
- RS-232 control of screens
- loopable inputs for expansion
- extend up to 300m
- skew compensation option for CAT6
- line powered receivers
- applications include: -
 - digital signage
 - public information
 - lecture halls



V-two series

simple Simple rotary controls are provided at the V2R-0101SAN receiver for picture sharpness and cable equalisation. The V2R-0101SBN also has push-button skew adjustments.

pin-sharp Studio Systems' broadcast expertise ensures the sharpest pictures – even at 1600 x 1200 resolution and long lengths of CAT5/5e/6 cable.

compatibility The V-two series is fully compatible with your existing structured cabling, including patching panels.

multi-screen The V2T-0116R-L together with V2R-0101SAN or V2R-0101SBN receivers, can support up to sixteen remote display devices each up to 300m away. Active input loops are provided for local monitoring or to further expand the system in groups of eight or sixteen.



V2T-0116R-L transmitter



V2R-0101SAN receiver



V2R-0101SBN receiver with skew correction

SPECIFICATION

CONNECTORS

VGA Input:	15-HD Plug	(V2T-0116R-L)
VGA Loop O/P:	15-HD Skt	(V2T-0116R-L)
VGA Output:	15-HD Skt	(V2R-0101S_N)
Stereo Input:	3.5mm jack	(V2T-0116R-L)
Stereo Loop O/P:	3.5mm jack	(V2T-0116R-L)
Stereo Output:	3.5mm jack	(V2R-0101S_N)
Serial data	2-pole 3.5mm header Skt	(ALL V2 TRANSMITTERS & RECEIVERS)
Transmitter power	IEC Switched/fused inlet	
Receiver power:	2.1mm Skt	(V2R-0101S_N -not normally required))

INDICATORS

Power ON:	Green LED	(BOTH)
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CONTROLS

EQ (sharpness)	adjuster	(V2R-0101S_N)
GAIN (brightness)	adjuster	(V2R-0101S_N)
SKEW (delay's)	buttons	(V2R-0101SBN)

PERFORMANCE

Video (VGA)

Max. Resolution:	1600 x 1200@ 60Hz (250m)
Bandwidth:	150MHz (-3dB)
I/P Impedance:	75ohm
O/P Impedance:	75ohm
Level:	0.7Vp-p (R,G&B)

Audio (Stereo)

Bandwidth:	30Hz—20kHz (-3dB)
I/P Impedance:	10Kohm
O/P Impedance:	50 ohm
Gain:	0dB
Level:	-6dBm

SERIAL RS-232 DATA

Format:	Simplex (Tx only from transmitter to receiver)
Data rate:	19.2 Kbaud

POWER

Transmitter	
Mains power	100-240VAC (V2T-0116R-L)
Fuse rating	2AT (V2T-0116R-L)

POWER (continued)

Receiver (if powered separately)	
Voltage:	+24V.d.c. (V2R-0101S_N)
Current:	100mA (V2R-0101S_N)

ENVIRONMENTAL

Operating Temp.	0-45°C
Storage Temp.	-20°C to +70°C
Rel. Humidity:	0-90% non-condensing

PHYSICAL

Dimensions:	19" x 200 (d) x 44 (h) (V2T-0116R-L)
	(mm) (excluding connectors)
	142 (d) x 65 (w) x 29 (h) (V2R-0101S_N)
	(including mounting flange)
Weight:	2kg (V2T-0116R-L)
	150g (V2R-0101SAN)
	225g (V2R-0101SBN)

ORDERING INFORMATION

V2T-0116R-L	1:16 19" Rack Transmitter
V2R-0101SAN	Stand-alone Receiver (CAT5)
V2R-0101SBN	Stand-alone Receiver with skew (CAT6)
CUBE-24	+24V 0.5A UK plug-top mains adaptor
PSU-402	+24V 0.5A Universal mains adaptor (2-pin IEC mains)
CAB-106/2	SVGA Cable, 5x coax, M/F, 2m
CAB-201/1.2	Stereo audio cable, 3.5mm, J/J, 1.2m
CAB-201/3	Stereo audio cable, 3.5mm, J/J, 3m
CAB-302/1.8	RS-232, 9-D, M/F, 1.8m
CAB-302/3	RS-232, 9-D, M/F, 3m
ME030-350-02	2-pos, 3.5mm, Screw Terminal Header

ASSOCIATED PRODUCTS

V-zero series	UXGA
V-one series	UXGA + stereo audio