

the **dependable** way to remote stereo & screens

V-one

s e r i e s

V1-SA and V1-SB

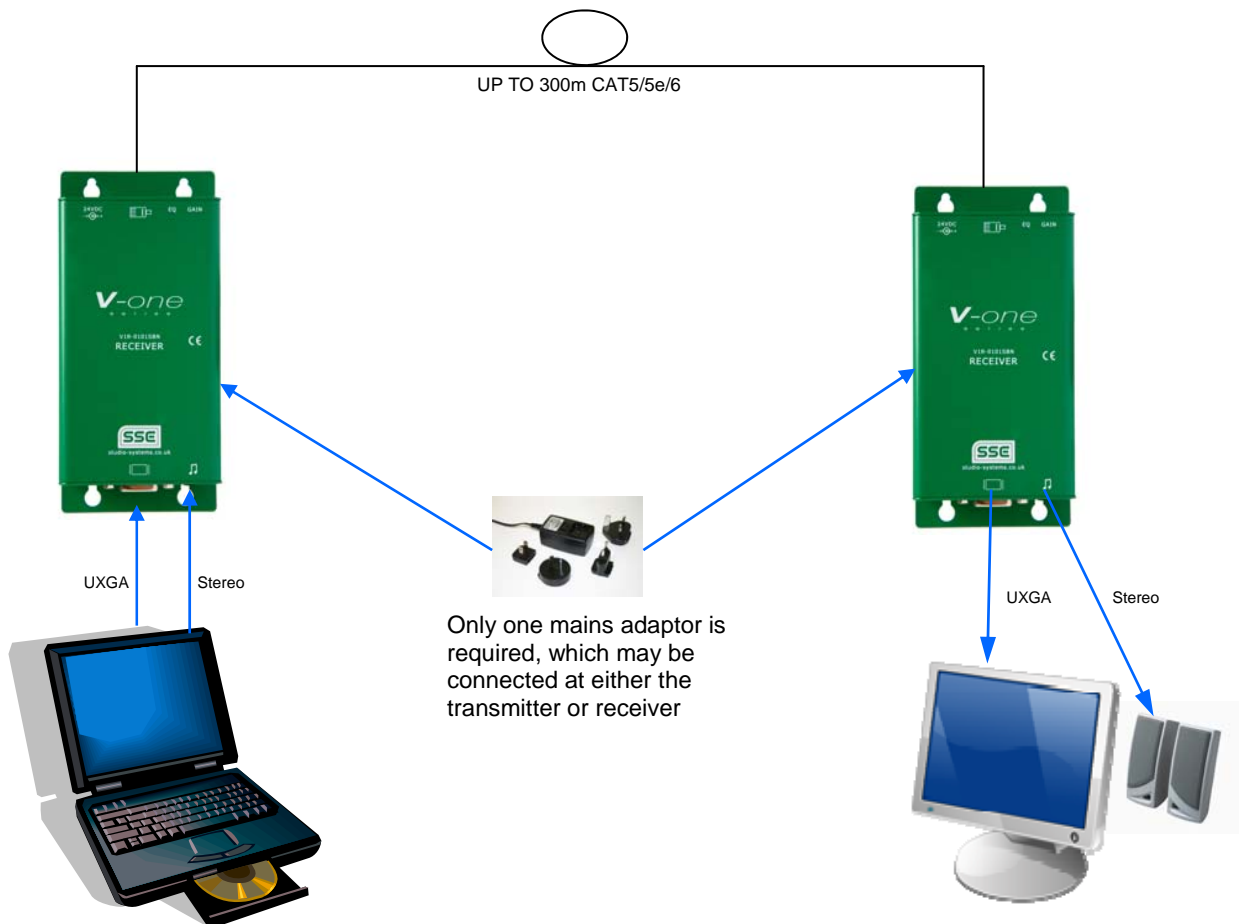
Point-to-point UXGA & stereo CAT5/5e/6 extenders

Features

- from VGA to UXGA resolution
- digital quality stereo audio
- extend up to 300m
- skew compensation option
- line powered receiver

Applications

- digital signage
- public information
- lecture halls
- training rooms



V-one

s e r i e s

simple Simple rotary controls are provided at the V1R-0101SAN receiver for picture sharpness and cable equalisation. The V1R-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-one series is fully compatible with your existing structured cabling, including patching panels.

multi-screen Multi-output transmitter hubs are also available, which can support up to eight or 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. All receivers are line powered from the transmitter hub.



V1T-0101SN
transmitter



V1R-0101SAN
receiver



V1R-0101SBN
receiver with
skew correction

SPECIFICATION

CONNECTORS

VGA Input:	15-HD Plug	(V1T-0101SN)
VGA Output:	15-HD Skt	(V1R-0101S_N)
Stereo input:	3.5mm jack	(V1T-0101SN)
Stereo output:	3.5mm jack	(V1R-0101S_N)
External 24V.d.c.	2.1mm Skt	(BOTH)

INDICATORS

Power ON:	Green LED	(ALL MODELS)
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CONTROLS

EQ (sharpness):	adjuster	(V1R-0101S_N)
GAIN (brightness):	adjuster	(V1R-0101S_N)
SKEW (delay's):	buttons	(V1R-0101SBN)

PERFORMANCE

Video (VGA)

Max. Resolution:	1600 x 1200@70Hz (250m)
Bandwidth:	150MHz (-3dB)
I/P Impedance:	75ohm
O/P Impedance:	75ohm
Level:	0.7Vp-p (R,G&B)
Skew adjustment:	2ns x 31 each colour (V1R-0101SBN)

POWER

Transmitter or receiver		
Voltage:	+24V.d.c.	(V1R-0101S_N)
Current:	150mA	(V1R-0101S_N)

AUDIO (Stereo)

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

ENVIRONMENTAL

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

PHYSICAL

Dimensions:	142(d) x 65(w) x 29(h)	(ALL MODELS)
	(including mounting flange)	
Weight:	150g	(V1T-0101SN)
	150g	(V1R-0101SAN)
	225g	(V1R-0101SBN)

ORDERING INFORMATION

V1-SA	UXGA/stereo extender kit ,with V1R-0101SAN receiver
V1-SB	UXGA/stereo extender kit ,with V1R-0101SBN receiver
V1T-0101SN	Stand-alone transmitter
V1R-0101SAN	Stand-alone receiver (CAT5)
V1R-0101SBN	Stand-alone receiver with skew (CAT6)
CUBE-24	+24V 0.5A UK universal plug-top mains adaptor
PSU-402	+24V 0.5A Universal in-line mains adaptor (2-pin IEC mains)
CAB-106/2	SVGA Cable, 5x coax, M/F, 2m

Point-to-multipoint transmitters

V1T-0108R-L	1:8 19" Rack Transmitter
V1T-0116R-L	1:16 19" Rack Transmitter

ASSOCIATED PRODUCTS

V-zero series	UXGA
V-two series	UXGA + stereo audio + RS-232 simplex