KRAMER ELECTRONICS, LTD

Vertical Interval Video Audio Switchers

The Kramer VS-1211, VS-1011, VS-811, VS-611, and VS-411 are a family of high performance vertical interval switchers for composite video and balanced audio stereo signals. One of 12 sources can be routed to one monitor, VCR, or other receiving device. Since switching is performed during the vertical interval, transitions are glitch-free when sources share a common reference sync.

There are of four ways to control the VS-1211 family: frontpanel buttons, RS-232, RS-485, and contact closure. They are also designed to be easily expandable for larger switching systems. For example, two VS-1211's can be combined to form a 24x1, etc. Multiple units can also be operated in parallel for switching component signal formats. For example, two VS-1211's could be linked to form a 12x1 switch for YC, three could be linked to switch YUV, etc.

BAL

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RS-232

CV

REMOTE RS-485

VS-1211/1011/811/611/411

The VS-1211 family is dependable, rugged, and each fits in one vertical space of a standard 19" rack. Video bandwidth of at least 250MHz ensures that they remain transparent even in the most critical production, presentation, or broadcast applications.



TECHNICAL SPECIFICATIONS

S:	12, 10, 8, 6, 4 composite / single component video, 1Vpp / 75 , on BNCs. 12, 10, 8, 6, 4 audio - balanced stereo, +4dBm, 10k , on 2-part, snap fit terminal blocks.
	1 external sync input (or composite video) 1Vpp / 75 , on a BNC connector.
	RS-232 DB-9 control socket, RS-485 terminal block, DB-15 for remote connector.
JTS:	1 composite / single component video, 1Vpp / 75 on a BNC.
	1 audio - balanced stereo up to +28Vpp / 50 , (24dBm) on terminal blocks.
width (video):	250 MHz3dB.
width (audio):	55 kHz., -0.1dB.
LINEARITY:	<0.1%.
	0.013%.
PHASE:	0.03 Deg.
IARMONIC:	<0.003% (1kHz).
SAIN:	0.04%
CROSSTALK:	-79 dB.
S/N:	>77 dB.
) S/N RATIO:	> 95 dB, unweighted.
TOR:	<0.05%.
ROL:	12 illuminated front-panel touch switches, RS-232, RS-485 and contact closure.
	19-inch (W), 7-inch (D) 1U (H) rack mountable.
R SOURCE:	230 VAC, 50/60 Hz, (115VAC U.S.A.) 16 VA (VS-1211).
HT:	3.1 kg (6.88 lbs.) approx.
SSORIES:	Power cord, Windows 95/98 control software, null modem adapter.
	TYPICAL APPLICATIONS
deo productic stems.	on studios and professional presentation CCTV and security applications.

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