



Video Audio Standby Switcher

VS-24xl

The Kramer VS-24xl is a 2x1 standby switcher for composite video and balanced stereo audio signals. It is designed to automatically switch to the second input whenever the primary video signal is interrupted. If the primary signal reappears, the VS-24xl will automatically switch back to input one. In addition to its automatic switching function, the VS-24xl can operate as a simple 2x1 video and audio switcher using two front panel buttons or as a remote controlled video

and audio 2x1 switcher. The machine has a front panel switch allowing the user to select between automatic and manual switching. The VS-24xl offers control of the output video signal LEVEL and cable EQ. via trimmers accessible from the front panel.

The machine is fed from a 12 VDC source and is ideal for fieldwork as well.



TECHNICAL SPECIFICATIONS

INPUTS:	2 composite video 1Vpp/75 on BNC connectors. 2 balanced stereo audio +4dBm on detachable terminal block connectors.
OUTPUTS:	1 composite video 1Vpp/75 on a BNC connector balanced stereo audio +4dBm on detachable terminal block connector.
MAX. OUTPUT LEVEL:	Video: 2.1 Vpp @ 100% color bars.
BANDWIDTH (-3dB):	Video: 620 MHz -3dB; Audio: 20 kHz.
DIFF. GAIN:	0.03%
DIFF. PHASE:	0.03 Deg.
K-FACTOR:	<0.05%
S/N RATIO:	Video: 74 dB; Audio: 71 dB weighted.
CROSSTALK:	Video: -56.3 dB; Audio: -65.8dB @ 1 kHz.
CONTROLS:	Video Level: -0.8 to +6.4dB; EQ.: 0 to +12.8dB.
COUPLING:	Video: Audio:
AUDIO THD + NOISE:	0.019%
AUDIO 2nd HARMONIC:	0.002%
POWER SOURCE:	12 VDC, 69 mA
DIMENSIONS:	22cm x 18cm x 4.5 cm (8.7" x 7" x 1.7") W, D, H (half 19", 1U).
WEIGHT:	1.2 kg (2.65 lbs.) approx.
ACCESSORIES:	12V Power supply.
OPTIONS:	19" rack adapter RK-80 (see page 6.33 for details).

TYPICAL APPLICATIONS

- Presentation systems requiring automatic selection of active wall plate inputs.
- Security applications for automatic switching of control cameras.
- Broadcast applications to eliminate dead air time.
- Retail stores and other point-of-sale systems requiring uninterrupted demonstrations and advertising.