

VM-5YCxl

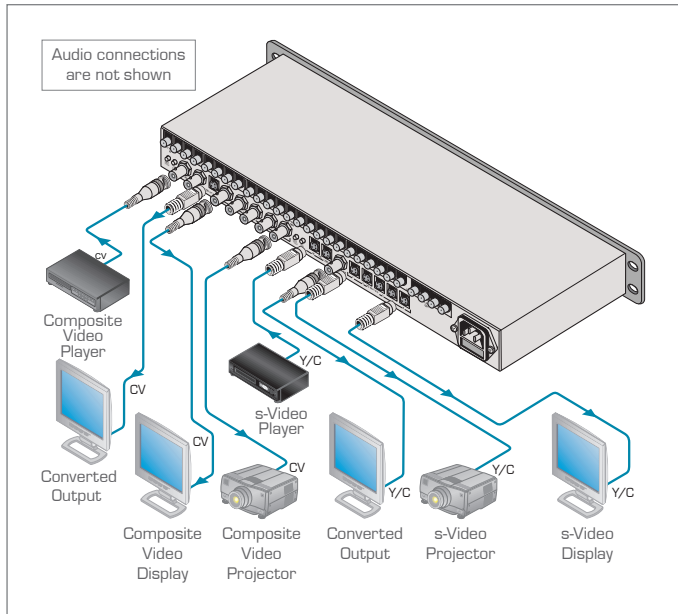
1:5 Composite Video & s-Video with Stereo Audio Distribution Amplifier



The **VM-5YCxl** is a unique dual format 1:5 distribution amplifier for composite video and s-Video (Y/C) signals with unbalanced stereo audio. The unit is a truly flexible DA that can handle both composite and s-Video (Y/C) signals and includes built-in high-quality signal format conversion.

FEATURES

- High Bandwidth - 300MHz. (-3dB).
- Dual Format - 1:5 composite video with stereo audio section & 1:5 s-Video (Y/C) with stereo audio.
- Built-in Bidirectional Format Conversion - 1:10 DA (5 composite & 5 Y/C with stereo audio) for either the composite video or s-Video (Y/C) input.
- Extra Converted Output Connectors - For each signal type, composite video and s-Video (Y/C), there is a dedicated format converted output.
- Looping Input.
- Input Signal Termination.
- Video AC/DC Coupling Selection.
- Standard 19" Rack Mount Size - 1U.



TECHNICAL SPECIFICATIONS

INPUTS:	1 composite video looping, 1Vpp/75Ω on a BNC connector; 1 looping (Y), 1Vpp/75Ω (C) 0.3Vpp/75Ω on a 4-pin connector; 2 unbalanced stereo audio looping 1Vpp/50 kΩ on RCA connectors.
OUTPUTS:	5+1 composite video, 1Vpp/75Ω on BNC connectors; 5+1 Y/C, Y=1Vpp/75Ω, C=0.3Vpp/75Ω on 4-pin connectors; 2x5 unbalanced stereo audio, 1Vpp/100Ω on RCA connectors.
VIDEO BANDWIDTH(-3dB):	300MHz (composite to composite or Y/C to Y/C).
AUDIO BANDWIDTH (-3dB):	100kHz.
DIFF. GAIN:	0.26%.
DIFF. PHASE:	0.11Deg.
K-FACTOR:	0.1%.
VIDEO S/N:	73.5dB.
AUDIO S/N:	87.4dB unweighted (1Vpp).
VIDEO CROSSTALK:	-58dB @5MHz.
NON-LINEARITY:	<0.05%.
CONTROL:	Y/C to Y/C or composite, composite to composite or Y/C program switches.
COUPLING:	DC or AC (video); AC (audio).
AUDIO THD:	0.021%, 1kHz.
2nd HARMONIC:	0.003%, 1kHz.
POWER SOURCE:	230V AC, 50/60Hz (115V AC USA), 12VA.
DIMENSIONS:	19" x 7" x 1U W, D, H, rack mountable.
WEIGHT:	2.5kg (5.6lbs) approx.
ACCESSORIES:	Power cord.

