

VM-42

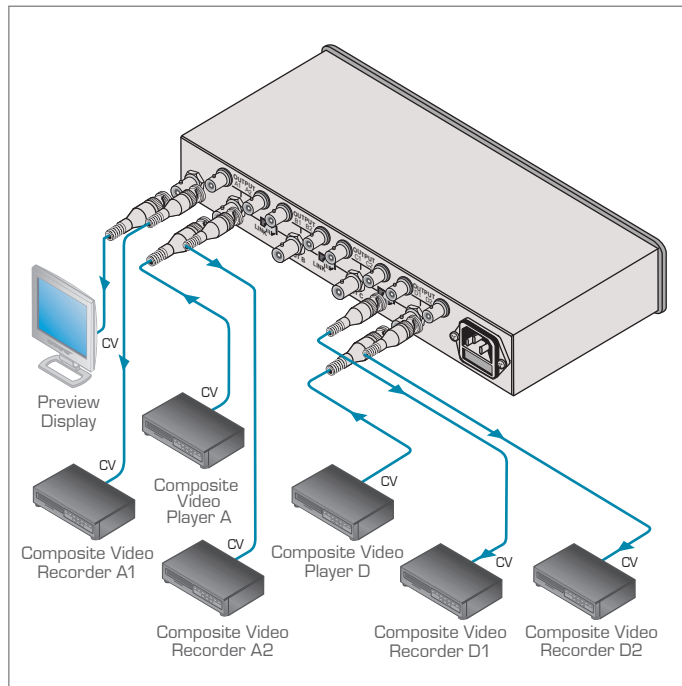
1:8 Composite Video Distribution Amplifier & 4x1 Switcher



The **VM-42** is a high-performance distribution amplifier and switcher for composite video signals. It can be used as a 4x1 vertical interval switcher with each input becoming a 1:2 DA or it can take one input, provide correct buffering and isolation, and distribute the signal to eight identical outputs. It can also be configured as 2 1:4 DAs or as a 1:6 DA plus a 1:2 DA.

FEATURES

- Bandwidth - 200MHz (-3dB).
- Multi-Mode - Configure as a 1:8 DA, 4x1 switcher, & more.
- Vertical Interval Switching.
- Desktop Size - Compact size. Can be rack mounted in a 1U rack space with the optional RK-MEDN adapter.



TECHNICAL SPECIFICATIONS

INPUTS:	4 composite video, 1Vpp/75Ω, on BNC connectors.
OUTPUTS:	4x2 + 1 composite video, 1Vpp/75Ω on BNC connectors.
MAX. VIDEO OUTPUT:	2Vpp.
VIDEO BANDWIDTH (-3dB):	200MHz.
DIFF. GAIN:	0.12%.
DIFF. PHASE:	0.11Deg.
K-FACTOR:	<0.05%.
S/N RATIO:	73dB.
CROSSTALK:	-40dB @10MHz.
COUPLING:	DC.
POWER SOURCE:	230V AC, 50/60Hz (115V AC USA) 4.6VA.
DIMENSIONS:	24.5cm x 18cm x 4.5cm (9.6" x 7" x 1.8") W, D, H.
WEIGHT:	1.5kg (3.3lbs) approx.
ACCESSORIES:	Power cord.
OPTIONS:	RK-MEDN 19" rack adapter.

