



1:8 VIDEO COMPOSITE VIDEO SWITCHER & DISTRIBUTION AMPLIFIER



DESCRIPTION

The VM-42 is 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.

- High 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.

SPECIFICATIONS

INPUTS:	4 composite video, 1Vpp/75Ω, on BNC connectors.
OUTPUTS:	4 x 2 composite, linkable to become 2 x 4, 1 x 6 + 1 x 2, 1 x 8 1Vpp/75Ω on BNC connectors. 1 switch-selected composite video 1Vpp/75Ω on a BNC connector.
MAX. VIDEO OUTPUT:	2Vpp.
VIDEO BANDWIDTH(-3DB):	200 MHz.
DIFF. GAIN:	0.12%.
DIFF. PHASE:	0.11°.
K-FACTOR:	0.05%.
S/N RATIO:	73dB.
CROSSTALK:	-40dB @ 10MHz.
COUPLING:	DC Coupled.
POWER SOURCE:	230VAC, 50/60 Hz (115VAC U.S.A.) 4.6 VA.
DIMENSIONS:	24.5cm x 18cm x 4.5cm (9.6" x 7" x 1.8") W, D, H.
WEIGHT:	1.5kg (3.3 lbs) approx.
ACCESSORIES:	Power cord.
OPTIONS:	RK-MEDN rack mount kit holds one unit in two vertical spaces.

