## 1:8 VIDEO COMPOSITE VIDEO SWITCHER & DISTRIBUTION AMPLIFIER

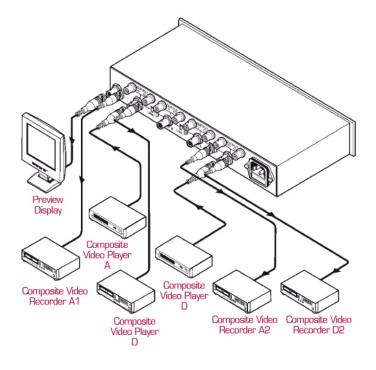




## **DESCRIPTION**

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,  $1Vpp/75\Omega$ , on BNC connectors.

OUTPUTS:  $4 \times 2$  composite, linkable to become  $2 \times 4$ ,  $1 \times 6 + 1 \times 2$ ,  $1 \times 8$  1Vpp/75 $\Omega$  on BNC connectors.1 switch-selected

composite video  $1Vpp/75\Omega$  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.