



# VM-80V

### 1:8 VIDEO DISTRIBUTION AMPLIFIER



#### DESCRIPTION

The VM-80V is a high performance distribution amplifier for composite or SDI signals. It can be configured as a 1:4 DA for s- Video (Y/C) signals and has controls to compensate for signal losses inherent in long cable runs.

- High Bandwidth - 330MHz (-3dB).
- Level (Gain) and EQ (Peaking) Controls.
- Dual-Mode - Configure as either a 1: 8 (Composite) or 1:4 (s-Video) DA.
- Video AC/DC Coupling - Internally Selectable.
- Companion Unit to the VM-80A Audio DA.
- Desktop Size - Compact size. Two units can be rack mounted side-by-side in a 1U rack space with the optional RK-80N adapter.

#### SPECIFICATIONS

INPUTS:	2 video, looping, 1Vpp/75Ω, on BNC connectors with termination switches.
OUTPUTS:	2 x 4 video 1Vpp/75Ω on BNC connectors.
MAX. OUTPUT:	2Vpp.
VIDEO BANDWIDTH (-3DB):	330MHz.
DIFF. GAIN:	0.12%.
DIFF. PHASE:	0.5°.
K-FACTOR:	0.05%.
S/N RATIO:	74dB.
CONTROL:	75Ω termination switch, 1:8 or 2x1:4 selector switch.
NON-LINEARITY:	0.1%.
COUPLING:	DC or AC (internal selection).
POWER SOURCE:	100 - 240VAC, 50 / 60 Hz, 10VA
DIMENSIONS:	22cm x 18cm x 4.5cm (8.6" x 7" x 1.8") W, D, H. Half 1U.
WEIGHT:	1.3kg (2.9 lbs) approx.
ACCESSORIES:	Power cord.
OPTIONS:	VM-80A companion DA for balanced audio. RK-80N rack kit.

