



VM-80V

1:8 Composite/SDI/s-Video Distribution Amplifier



The **VM-80V** is a high-performance distribution amplifier for composite or SDI signals. It can also 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.

FEATURES

- 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. 2 units can be rack mounted side-by-side in a 1U rack space with the optional RK-1 adapter.



VM-80V

TECHNICAL SPECIFICATIONS

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| INPUTS: | 2 composite/SDI video, 1Vpp/75Ω on BNC connectors with termination switches. |
| OUTPUTS: | 2x4 composite/SDI video, 1Vpp/75Ω on BNC connectors. |
| MAX. OUTPUT: | 2Vpp. |
| VIDEO BANDWIDTH (-3dB): | 330MHz. |
| DIFF. GAIN: | 0.12%. |
| DIFF. PHASE: | 0.5Deg. |
| 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 CONSUMPTION: | 100–240V AC, 50/60Hz, 10VA. |
| DIMENSIONS: | 22cm x 18cm x 4.5cm (8.7" x 7" x 1.8") W, D, H (half 19"). |
| WEIGHT: | 1.3kg (2.9lbs) approx. |
| INCLUDED ACCESSORIES: | Power cord. |
| OPTIONS: | RK-1 19" rack adapter. |

