



VM-5ARII

1:5 COMPOSITE VIDEO & STEREO AUDIO DISTRIBUTION AMPLIFIER



DESCRIPTION

The VM-5ARII is a high performance distribution amplifier for composite or SDI video and unbalanced stereo audio signals. It provides controls to compensate for signal losses inherent in long cable runs.

- High Bandwidth - 360MHz. (-3dB).
- Audio Level Control.
- Level (Gain) and EQ (Peaking) Controls.
- Video AC/DC Coupling Selection.
- Looping Inputs.
- Selectable Input Signal Termination.
- Standard 19" Rack Mount Size - 1U. Rack "ears" included.

SPECIFICATIONS

INPUT:	1 video, composite or single component, looping, 1Vpp/75Ω on BNC connectors with termination switch. 1 stereo audio looping, +4dBm/50kΩ on RCA connectors.
OUTPUTS:	5 video, composite or single component, 1Vpp/75Ω on BNC connectors. 5 audio stereo, +4dBm/50Ω, 27Vpp max. on RCA connectors.
MAX. VIDEO OUTPUT:	2.2Vpp.
VIDEO BANDWIDTH (-3DB):	360MHz.
AUDIO BANDWIDTH (-3DB):	60 kHz.
DIFF. GAIN:	0.03%.
DIFF. PHASE:	0.06°.
K-FACTOR:	0.05%.
VIDEO S/N RATIO:	76dB.
AUDIO S/N RATIO:	0.004%.
AUDIO THD:	0.021% (1V, 1KHz.).
CONTROL:	Video gain: -1 to +1.8dB, EQ.: 0 to +2.5dB, Audio: 0.2 to +6dB.
COUPLING:	DC/AC selectable (video), AC (audio.).
POWER SOURCE:	230VAC, 50/60 Hz, (115V U.S.A.) 21 VA.
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
WEIGHT:	1.94 kg (4.3 lbs) approx.
ACCESSORIES:	Power cord.

