



VM-30AVB

1:3 COMPOSITE VIDEO & STEREO AUDIO DISTRIBUTION AMPLIFIER



DESCRIPTION

The VM-30AVB is a compact 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 - 430MHz at -3dB.
- Video on BNC Connectors (VM-30AV has RCAs).
- Audio Level Control.
- Level (Gain) and EQ (Peaking) Controls.
- Desktop Size - Compact size. Two units can be rack mounted side-by-side in a 1U rack space with the optional RK-50RN adapter.

SPECIFICATIONS

INPUTS:	1 video, 1Vpp/75Ω on a BNC connectors. 1 audio stereo, 1Vpp/70k on RCA connectors.
OUTPUTS:	3 video, 1Vpp/75Ω on BNC connectors. 3 audio stereo, 1Vpp/150Ωs on RCA connectors.
MAX. OUTPUT LEVEL:	Video: 2Vpp, Audio: 5.4Vpp.
BANDWIDTH (-3DB):	Video: 430MHz, Audio: 100 kHz.
DIFF. GAIN:	0.04 %
DIFF. PHASE:	0.07°.
K-FACTOR:	0.05%.
S/N RATIO:	Video: 73dB, Audio: 83dB.
CONTROLS:	Video level: -1.1 to +1.8dB, EQ.: 0 to +4.6dB @ 5.8MHz. Audio level: -66 to +16dB.
COUPLING:	AC.
AUDIO THD+NOISE:	0.3%.
AUDIO 2ND HARMONIC:	0.02%.
POWER SOURCE:	12VDC, 30 mA typ.
DIMENSIONS:	16.5cm x 12cm x 4.5cm (6.5" x 4.7" x 1.8") W, D, H.
WEIGHT:	0.65 kg (1.4 lbs) approx.
ACCESSORIES:	12VDC power supply, brackets for stacking multiple units.
OPTIONS:	19" rack adapter RK-50RN.

