



VM-2N

1:2 Composite/SDI Video & Stereo Audio Distribution Amplifier



The **VM-2N** is a high-performance distribution amplifier for composite or SDI video and unbalanced stereo audio signals. It inputs one signal, provides correct buffering and isolation and distributes the signal to two identical outputs.

FEATURES

- **High Bandwidth** - 400MHz (-3dB).
- **Desktop Size** - Compact size. 2 units can be rack mounted side-by-side in a 1U rack space with the optional RK-1 adapter.

TECHNICAL SPECIFICATIONS

INPUT:	1 composite video, DC coupled, 1Vpp/75Ω on a BNC connector; 1 balanced stereo/mono audio, +4dBu/50kΩ on RCA connectors.
OUTPUT:	2 composite video, 1Vpp/75Ω on BNC connectors; 2 balanced stereo/mono audio, +4dBu/50Ω on RCA connectors.
MAX. AUDIO LEVEL (-3DB):	22dBu.
VIDEO BANDWIDTH:	Exceeding 400MHz.
AUDIO BANDWIDTH:	>100kHz (1dB).
DIFFERENTIAL GAIN:	<0.05%.
DIFFERENTIAL PHASE:	0.1Deg.
K-FACTOR:	<0.05%.
S/N RATIO:	Better than 85dB (audio), 75dB (video).
SDI EFF. RANGE:	Up to 50m.
AUDIO THD+N:	0.017%.
POWER CONSUMPTION:	230V AC, 50Hz (115V AC USA), 4.6VA.
INCLUDED ACCESSORIES:	Power cord.
OPTIONS:	RK-1 19" rack adapter.

