



1:5 COMPOSITE VIDEO & STEREO AUDIO DISTRIBUTION AMPLIFIER

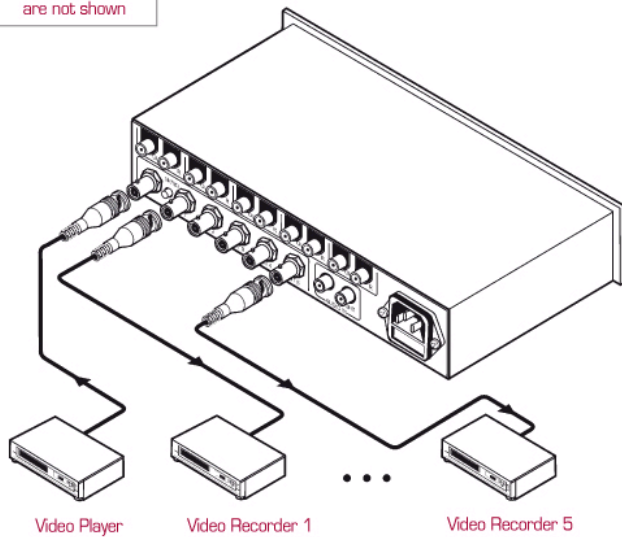


DESCRIPTION

The VM-5S is a high performance distribution amplifier for composite or SDI video and unbalanced stereo audio signals. It will take one input, provide correct buffering and isolation and distribute the signal to five identical outputs.

- High Bandwidth - 340MHz bandwidth at -3dB.
- Looping Inputs.
- Selectable Input Signal Termination.
- Video AC/DC Coupling - Internal Selection.
- Desktop Size - Compact size. Two units can be rack mounted side by side in a 1 RU rack space with the optional RK-1 adapter.

Audio Connections are not shown



SPECIFICATIONS

INPUT:	1 video AC/DC coupled (internal jumper), looping 1Vpp/75Ω on BNC connectors with rear termination switch. 1 audio stereo/mono balanced, up to 21V/50 kΩ on RCA connectors.
OUTPUTS:	5 video, 1Vpp/75Ω on BNC connectors. 5 audio stereo/balanced mono, up to 21V/220Ω on RCA connectors.
MAX. VIDEO OUTPUT:	1.7Vpp.
VIDEO BANDWIDTH (-3DB):	340 MHz.
AUDIO BANDWIDTH (-3DB):	20 kHz.
DIFF. GAIN:	0.05%.
DIFF. PHASE:	0.1°.
K-FACTOR:	0.05%.
VIDEO S/N RATIO:	75dB.
AUDIO S/N:	82dB @ 1V.
COUPLING:	DC/AC internally selectable.
AUDIO THD:	0.009%.
SDI EFFECTIVE RANGE:	Up to 70 meters.
POWER SOURCE:	230VAC, 50/60 Hz, (115V U.S.A.) 3.5 VA.
DIMENSIONS:	22cm x 18cm x 4.5cm (8.6" x 7" x 1.8") W, D, H. Half 1U.
WEIGHT:	1.4 kg (3.3 lbs) approx.
ACCESSORIES:	Power cord.
OPTIONS:	RK-80N rack kit holds two units in one vertical rack space.