

1:5 Video Audio Distribution Amplifier

VM-5ARII

The KRAMER VM-5ARII is an ultra-high bandwidth, video audio distribution amplifier designed for studio and other demanding applications. The VM-5ARII splits a single input source into five identical outputs with no discernible signal degradation. The machine has looping inputs for system extension.

The user can adjust video gain and EQ. level as well as audio L and R levels externally. The VM-5ARII allows AC/DC video input coupling selection and has a video termination switch simplifying looping. The machine operates in audio-follow-video mode, and has fully buffered, broadcast level, audio stereo outputs.



TECHNICAL SPECIFICATIONS

INPUTS:	1 video, composite or single component, looping, 1Vpp / 75 Ω on BNCs with termination switch. 1 audio stereo looping, +4 dBm / 50 k Ω on RCAs.
OUTPUTS:	5 video, composite or single component, 1 Vpp / 75 Ω on BNCs. 5 audio stereo, +4dBm / 50 Ω , 27 Vpp max. on RCAs.
MAX. VIDEO OUTPUT:	2.2 Vpp.
COUPLING:	DC / AC selectable (video), AC (audio).
VIDEO BANDWIDTH:	360MHz. -3dB.
DIFF. GAIN:	0.03 %.
DIFF. PHASE:	0.06 Deg.
VIDEO S/N RATIO:	> 76 dB.
K-FACTOR:	<0.05%.
AUDIO BANDWIDTH:	52 kHz. -0.1dB.
AUDIO THD:	Less than 0.02%.
AUDIO S/N RATIO:	> 86 dB, unweighted @ 1Vpp.
CONTROL:	Video gain: -1 to +1.8dB, EQ.: 0 to +2.5dB, audio: 0.2 to +6dB.
POWER SOURCE:	230 VAC, 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.

TYPICAL APPLICATIONS

- Video audio duplication and production studios, delivering undiminished quality duplicates.
- CCTV and other monitoring applications.
- Video audio showrooms and points of sale, delivering an identical picture to several monitors.
- Component video distribution using several machines.