KRAMER ELECTRONICS, LTD

CV | AUDIO

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1:10 Video Audio Distribution Amplifier   VM-10ARII

The **KRAMER VM-10ARII** is a full broadcast, state-of-the-art video audio distribution amplifier designed for studio and other demanding applications. The **VM-10ARII** has looping video and audio stereo inputs, each splitting to **10** outputs. The user may choose unbalanced stereo or balanced mono audio via front-panel switches. The output audio and video levels, as well as video cable EQ. may be adjusted via trimmers accessible from the front panel. The video outputs are in two blocks of 5 outputs each, where each block may be individually trimmed for level and cable EQ., thereby achieving different compensations for different cable lengths. Several VM-10ARII units may be chained through the looping inputs. Output video signals are DC or AC coupled (user selectable) for maximum flexibility.

TECHNICAL SPECIFICATIONS

INPUTS:	1 composite / component video, looping, 1 Vpp / 75 on BNCs with termination switch.
	2 audio, stereo or balanced mono on RCA connectors, +4 dBm, 50k .
OUTPUTS:	2 x 5 composite / component video, 1 Vpp / 75 on BNCs.
	10 audio stereo or balanced mono, +4 dBm / 50 , 25 Vpp Max.
MAX. VIDEO OUTPUT:	1.8 Vpp.
COUPLING:	DC or AC (video); AC (audio).
VIDEO BANDWIDTH:	224MHz. -3dB.
DIFF. GAIN:	0.1 %.
DIFF. PHASE:	0.22 Deg.
K-FACTOR:	< 0.05%.
VIDEO S/N RATIO:	Better than 77dB.
AUDIO BANDWIDTH:	60kHz.
THD (2nd Harmonic):	0.06%.
CONTROL:	Front accessible trimmers for video gain (-1.2 to +1.6 dB) and EQ. (0 to +2.5 dB), audio left and right control trimmers (0 to +6 dB), balanced / stereo selector switch and audio controls enable switch.
AUDIO S/N RATIO:	> 81dB.
DIMENSIONS:	19-inch (W), 7-inch (D) 1U (H) rack mountable.
POWER SOURCE:	230 VAC 50 / 60 Hz. (115V U.S.A.),19.5VA.
WEIGHT:	2.1 kg. (4.7 lbs.) approx.
ACCESSORIES:	Power cord.

TYPICAL APPLICATIONS

- Broadcast video / audio duplication studios, delivering undiminished quality duplicates.
- Video component distribution using several VM-10ARII units.
- Video audio showrooms, delivering an identical picture and sound to several monitors.
- CCTV and security applications.

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DISTRIBUTION AMPLIFIERS