VM-10ARII

1:10 Video Audio Distribution Amplifier

The KRAMER **VM-10ARII** is 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, 1Vpp/75Ω on BNC connectors with termination switch.
	2 audio, stereo or balanced mono on RCA connectors, +4dBm, 50kΩ.
OUTPUTS:	2 x 5 composite/component video, 1 Vpp/75Ω on BNC connectors.
	10 audio stereo or balanced mono, + 4dBm/50Ω, 25Vpp Max.
MAX. VIDEO OUTPUT:	1.8 Vpp.
VIDEO BANDWIDTH (-3dB):	224MHz.
COUPLING:	DC or AC (video); AC (audio.).
AUDIO BANDWIDTH (-3dB):	61kHz.
DIFF. GAIN:	0.1 %.
DIFF. PHASE:	0.22 Deg.
K-FACTOR:	0.05%.
VIDEO S/N RATIO:	77dB.
AUDIO S/N RATIO:	81dB.
DIMENSIONS:	19-inch (W), 7-inch (D) 1U (H) rack mountable.
CONTROL:	Front accessible trimmers for video gain (- 1.2 to + 1.6dB) and EQ. (0 to + 2.5dB), audio left and right control trimmers (0 to +6dB), balanced/stereo selector switch and audio controls enable switch.
COUPLING:	DC or AC (video); AC (audio.).
THD (2nd Harmonic):	0.06%.
POWER SOURCE:	230VAC 50/60 Hz (115V U.S.A.), 19.5VA.
WEIGHT:	2.1kg (4.7 lbs.) approx.
ACCESSORIES:	Power cord.

TYPICAL APPLICATIONS

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

KRAMER

1.14