

1:10 Video Audio Distribution Amplifier

VM-10AN

The Kramer VM-10AN is a compact, high quality 1:10 distribution amplifier using BNC connectors for composite video, and RCA connectors for Audio Stereo signals. It accepts one set of inputs, provides correct buffering and isolation, and distributes it to up to ten identical outputs designed to drive monitors, projectors, and other receiving devices. Bandwidth

exceeding 70MHz ensures transparent performance with typical video and audio sources. Looping inputs make it easy to expand to larger distribution systems. The VM-10AN is rugged, dependable, and is housed in a convenient desktop sized enclosure. It can also be mounted in a standard 19" rack using the RK-10 kit, which holds one unit in two vertical spaces.



TECHNICAL SPECIFICATIONS

INPUTS:	1 video looping, 1Vpp / 75 Ω on BNCs with termination switch. 1 audio stereo 50 k Ω , looping on RCAs.
OUTPUTS:	10 composite video 1Vpp / 75 Ω on BNCs. 10 audio stereo 100 Ω , 1V nom. on RCAs.
VIDEO BANDWIDTH:	77MHz. -3dB.
VIDEO S/N RATIO:	Better than 74dB.
AUDIO THD:	Less than 0.025%.
AUDIO S/N RATIO:	Better than 89 dB.
COUPLING:	DC / AC internally selectable (video).
AUDIO BANDWIDTH:	20kHz. -1 dB.
DIFF. GAIN:	0.33 %.
DIFF. PHASE:	0.26 Deg.
MAX. VIDEO OUTPUT:	2.5 Vpp.
K-FACTOR:	<0.05%.
POWER SOURCE:	230 VAC 50 / 60 Hz. (115V U.S.A.) 10.5 VA.
DIMENSIONS:	24.5cm x 16cm x 5cm (9.6" x 6.3" x 2"), W, D, H.
WEIGHT:	1.8 kg. (4 lbs.) approx.
OPTIONS:	19" rack adapter RK-10 (see page 6.23 for details).

TYPICAL APPLICATIONS

-  Duplication facilities.
-  Broadcast, production, or presentation systems requiring high quality signal distribution.
-  Schools, retail, sports bars, other point-of-sale and CCTV application.