

1:3 Video Audio Distribution Amplifier 103AV

The Kramer 103AV is a high performance 1:3 distribution amplifier for composite video and audio stereo signals. Video bandwidth of 320MHz ensures that the 103AV remains transparent even in the most critical applications. The 103AV accepts a single input and distributes it to three identical outputs using RCA connectors for video, and 3.5mm phone connectors for

audio stereo. A 12V power supply is provided, but the optional VA-50P can power up to six Kramer devices requiring 12VDC.

The 103AV is part of the Kramer TOOLS family of compact, high quality, and cost effective solutions for a variety of applications.



TECHNICAL SPECIFICATIONS

INPUTS:	1 composite video, 1 Vpp / 75 Ω on an RCA connector. 1 audio stereo, 1 Vpp / 33 k Ω on a 3.5-mm mini phone connector.
OUTPUTS:	3 composite video, 1 Vpp / 75 Ω on RCA connectors. 3 audio stereo, 1 Vpp / 50 Ω on 3.5-mm mini phone connectors.
VIDEO BANDWIDTH:	320MHz. -3 dB.
VIDEO COUPLING:	AC.
DIFF. GAIN:	0.1%.
DIFF. PHASE:	0.16 Deg.
VIDEO S/N RATIO:	72 dB.
K-FACTOR:	<0.05%.
MAX. VIDEO OUTPUT:	2 Vpp.
AUDIO BANDWIDTH:	20kHz. -3dB.
AUDIO THD+NOISE:	0.02%.
AUDIO S/N RATIO:	85 dB unweighted.
CROSSTALK:	-70 dB @ 20 kHz.
POWER SOURCE:	12 VDC, 100mA.
DIMENSIONS:	12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98"), W, D, H.
WEIGHT:	0.28 kg. (0.62 lbs.) approx.
ACCESSORIES:	Power supply, mounting bracket.
OPTIONS:	19" rack adapters RK-T1, RK-T3 (see pages 6.24, 6.25 for details).

TYPICAL APPLICATIONS

-  Duplication and other studio applications requiring multiple outputs of identical quality.
-  Professional presentation and display systems.
CCTV and home theater applications.