

103AV

GROUP 1

1:3 Video Audio Distribution Amplifier



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

INPUT:	1 composite video, 1Vpp/75Ω on an RCA connector.
OUTPUTS:	1 audio stereo, 1Vpp/33 kΩ on 3.5-mm mini phone connector. 3 composite video, 1Vpp/75Ω on RCA connectors. 3 audio stereo, 1Vpp/50Ω on 3.5mm mini phone connectors.
MAX. VIDEO OUTPUT:	2 Vpp.
VIDEO BANDWIDTH (-3dB):	320MHz.
AUDIO BANDWIDTH (-3dB):	20kHz.
DIFF. GAIN:	0.1%.
DIFF. PHASE:	0.16 Deg.
K-FACTOR:	0.05%.
VIDEO S/N RATIO:	72dB.
AUDIO S/N RATIO:	85dB Unweighted.
CROSSTALK:	-70dB @ 20 kHz.
VIDEO COUPLING:	AC.
AUDIO THD+NOISE:	0.02%.
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:	RK-T1, RK-T3 19 inch rack adapter

TYPICAL APPLICATIONS

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

