

**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 TOOLSS family of compact, high quality, and cost effective solutions for a variety of applications.

**TECHNICAL SPECIFICATIONS**

<b>INPUTS:</b>	1 Composite Video, 1Vpp / 75Ω on an RCA connector. 1 Audio Stereo, 1Vpp / 33 kΩ on 3.5-mm mini phone connector.
<b>OUTPUTS:</b>	3 Composite Video, 1Vpp / 75Ω on RCA connectors. 3 Audio Stereo, 1Vpp / 50Ω on 3.5-mm mini phone connectors.
<b>VIDEO BANDWIDTH:</b>	320 MHz -3dB.
<b>VIDEO COUPLING:</b>	AC.
<b>DIFF. GAIN:</b>	0.1%.
<b>DIFF. PHASE:</b>	0.16 Deg.
<b>VIDEO S/N RATIO:</b>	72dB.
<b>K-FACTOR:</b>	<0.05%.
<b>MAX. VIDEO OUTPUT:</b>	2 Vpp.
<b>AUDIO BANDWIDTH:</b>	20-20000 Hz, -2dB.
<b>AUDIO THD+NOISE:</b>	0.02%.
<b>AUDIO S/N RATIO:</b>	85 dB Unweighted.
<b>CROSSTALK:</b>	-70dB @20 kHz.
<b>POWER SOURCE:</b>	12 VDC, 100mA.
<b>DIMENSIONS:</b>	12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98", W, D, H.).
<b>WEIGHT:</b>	0.28 kg. (0.62 lbs.) Approx.
<b>ACCESSORIES:</b>	Power supply, mounting bracket.
<b>OPTIONS:</b>	19" Rack adapters RK-T1, RK-T3 (see page 6.20,6.21 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.