



# 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.

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DISTRIBUTION AMPLIFIERS



## TECHNICAL SPECIFICATIONS

|                           |  |
|---------------------------|--|
| <b>INPUTS:</b>            | 1 composite video, 1 Vpp / 75 on an RCA connector.<br>1 audio stereo, 1 Vpp / 33 k on a 3.5-mm mini phone connector. |
| <b>OUTPUTS:</b>           | 3 composite video, 1 Vpp / 75 on RCA connectors.<br>3 audio stereo, 1 Vpp / 50 on 3.5-mm mini phone connectors.      |
| <b>VIDEO BANDWIDTH:</b>   | 320MHz. -3 dB.   |
| <b>VIDEO COUPLING:</b>    | AC.  |
| <b>DIFF. GAIN:</b>        | 0.1%.  |
| <b>DIFF. PHASE:</b>       | 0.16 Deg.  |
| <b>VIDEO S/N RATIO:</b>   | 72 dB.   |
| <b>K-FACTOR:</b>          | <0.05%.  |
| <b>MAX. VIDEO OUTPUT:</b> | 2 Vpp.   |
| <b>AUDIO BANDWIDTH:</b>   | 20kHz. -3dB.   |
| <b>AUDIO THD+NOISE:</b>   | 0.02%.   |
| <b>AUDIO S/N RATIO:</b>   | 85 dB unweighted.  |
| <b>CROSSTALK:</b>         | -70 dB @ 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 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.