



## 1:4 Microphone Amplifier/Distribution Amplifier

104M

The Kramer 104M is a simple, high quality 1:4 microphone distribution amplifier. It accepts a single mic input which is amplified and split to four identical outputs using 1/4" TRS connectors. A recessed control is provided on the side panel to set the output level. By setting an internal jumper, phantom power can be

applied to the input for use with compatible condenser microphones. A 12V power supply is provided, but the optional VA-50P can power up to six Kramer devices requiring 12VDC. The 104M is part of the Kramer TOOLS family of compact, high quality, and cost effective solutions for a variety of applications.



## TECHNICAL SPECIFICATIONS

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| INPUT:            | One mono microphone 5m Vpp / 10 k $\Omega$ on a 6.5mm phone connector. |
| OUTPUTS:          | 4 Mono line level 1Vpp / 150 $\Omega$ on 6.5mm phone connectors.       |
| AUDIO BANDWIDTH:  | 37 kHz. -3 dB.                                                         |
| THD @ 1kHz:       | Less than 0.1%.                                                        |
| MAX OUTPUT LEVEL: | 4.8 Vpp.                                                               |
| GAIN CONTROL:     | 5 dB to 54 dB.                                                         |
| S/N RATIO:        | Better than 78 dB.                                                     |
| POWER SOURCE:     | 12 VDC 20 mA.                                                          |
| 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

□ Audio production and duplication studios.

□ Audio field production applications.