



VM-50AN

1:5 Balanced & Unbalanced Stereo Audio Distribution Amplifier



The **VM-50AN** is a high-performance distribution amplifier for balanced and unbalanced stereo audio signals. It takes one balanced or unbalanced stereo input and distributes the signal simultaneously to ten stereo outputs (five balanced and five unbalanced).

FEATURES

- **Balanced/Unbalanced Input Selection.**
- **S/N Ratio** - 84dB (unweighted).
- **Level (Gain) Controls.**
- **Desktop Size** - Compact size. 2 units can be rack mounted side-by-side in a 1U rack space with the optional RK-1 adapter.



VM-50AN

TECHNICAL SPECIFICATIONS

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| INPUTS: | 1 balanced stereo audio, +4dBu/50k Ω on a detachable terminal block connector; 1 unbalanced stereo audio, 1Vpp/50k Ω on a 3.5mm mini jack. |
| OUTPUT: | 5 balanced stereo audio, +4dBu/50 Ω on detachable terminal block connectors; 5 unbalanced stereo audio, 1Vpp/470 Ω on 3.5mm mini jacks. |
| MAX. OUTPUT LEVEL: | >24dBm. |
| BANDWIDTH (-3dB): | 40kHz; fully loaded. |
| S/N RATIO: | 84dB, unweighted. |
| CONTROLS: | Level (for right and left): 0.4 to 9.5dB. |
| COUPLING: | Input: AC; Output: DC. |
| AUDIO THD + NOISE: | 0.002% @1kHz, balanced output. |
| AUDIO 2nd HARMONIC: | 0.022% @1kHz, balanced output. |
| POWER CONSUMPTION: | 12V DC, 200mA. |
| DIMENSIONS: | 16.5cm x 12cm x 4.5cm (6.5" x 4.7" x 1.7") W, D, H. |
| WEIGHT: | 0.6kg (1.3lbs) approx. |
| INCLUDED ACCESSORIES: | Power supply. |
| OPTIONS: | RK-1 19" rack adapter. |

