

FLAT-PAK™ SERIES

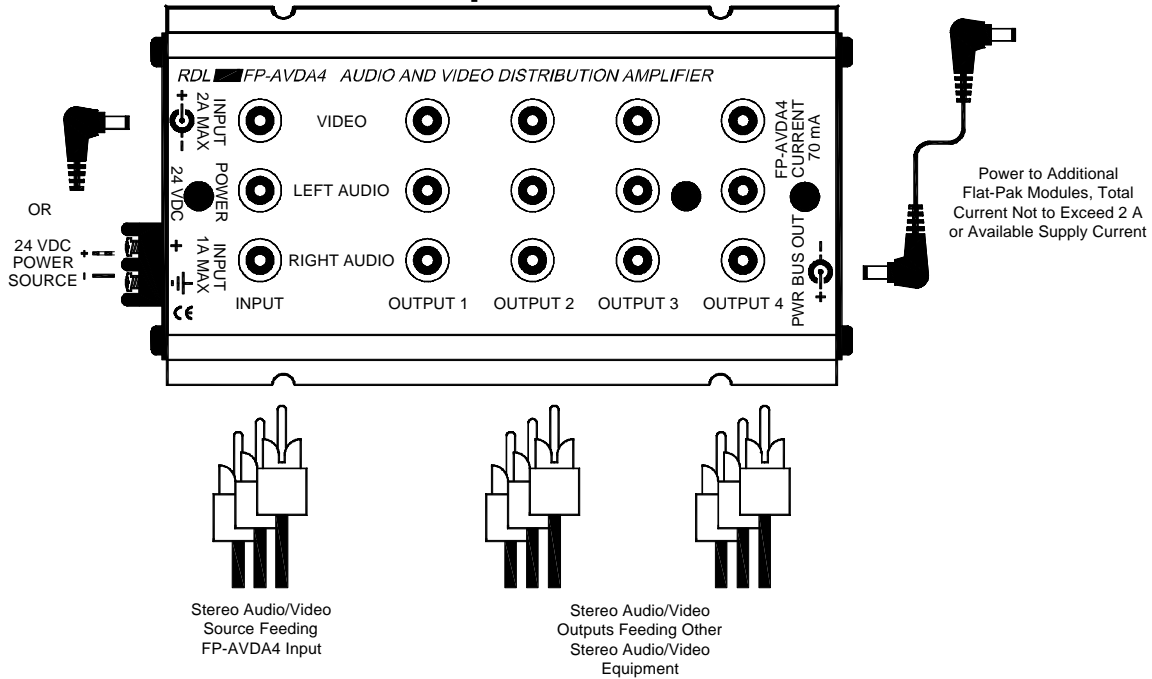
Model FP-AVDA4

Audio/Video Distribution Amplifier

Installation Instructions



Typical Performance reflects product at publication time exclusive of EMC data, if any, supplied with product.



TYPICAL PERFORMANCE

VIDEO SECTION:

Input: Phono jack, 1V p-p
 Input Impedance: 75 Ω
 Gain: Unity
 Load Impedance: 75 Ω
 Outputs (4): Phono jack
 Output Level: 1 V p-p (into 75 Ω)
 Frequency Response: 10 Hz - 10 MHz (+/- 0.2 dB)
 Noise: < -75 dB (below 1 V p-p)
 Output Isolation: > 45 dB
 Differential Gain: 0.1%
 Differential Phase: 0.1 degree (measured at 10% and 90% APL)

AUDIO SECTION:

Inputs (2): Phono jacks (stereo), -10 dBV Unbalanced
 Input impedance: 10 kΩ, bridging
 Gain: Unity
 Outputs (8): Phono jacks (4 stereo)
 Output impedance: 150 Ω, drives 10 kΩ lines
 Frequency Response: 20 Hz to 40 kHz (+/- 0.25 dB)
 THD+N: < 0.05%; typ. 0.01% (1 kHz)
 IMD: < 0.02%
 Output Level: -10 dBV
 Headroom: > 18 dB
 Noise: < -85 dB referred to -10 dBV (20 Hz to 20 kHz)
 Crosstalk: Better than -75 dB (20 Hz to 20 kHz); typ <-90 dB (1 kHz)
 Power Requirement: 24 Vdc @ 60 mA, Ground-referenced

Dimensions:

Height: 0.88 in. 2.24 cm (not including connectors)
 Height: 1.35 in. 3.43 cm (including connectors)
 Width: 3.25 in. 8.26 cm
 Length: 6.40 in. 16.26 cm

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