RDL® Radio Design Labs

SPECIALISTS IN PRACTICAL PRECISION ENGINEERING™

FLAT-PAK™ SERIES

Model FP-SVDA4
S-Video Distribution Amp

ANYWHERE YOU NEED...

- S-Video (Y-C) Distribution
- Four Separate Outputs
- Adjustable Gain for Each Component
- 75 Ω Input/Outputs
- Wide Bandwidth – *Flat* to 10 MHz
- Ultra-Compact, All Metal Construction
- Convenience of RDL FLAT-PAKs

You Need The FP-SVDA4!

The FP-SVDA4 is part of the group of versatile FLAT-PAK products from Radio Design Labs. The unique FLAT-PAK case can be directly screwed or bolted to cabinets or shelves. Optionally available rack-mounting accessories permit single or multiple FLAT-PAK module mounting. All FLAT-PAK modules are supplied with a power interconnect cable for daisy-chaining multiple modules from a single power supply.

APPLICATION: The FP-SVDA4 is the ideal choice in many applications where component video signals need to be distributed. Video inputs and outputs are made on the top panel jacks. Power connections are made using either the full-size barrier block terminals or a dc power jack located in one end panel. A second dc power jack is provided on the other end panel for connecting additional FLAT-PAK modules.

The FP-SVDA4 has a single mini-DIN-4 input jack for the component video signal. The input is 75 Ω terminated. The gain for each component is user adjustable from the top panel. The gain potentiometers allow adjustment from unity to +6 dB. The gain potentiometers are normally set fully counterclockwise for unity gain, producing correct amplitudes of each component at the output jacks. The gain potentiometers are provided for installations in which individual gain is needed and proper instrumentation is available to set these gain controls. Four source-terminated Y-C outputs are provided through the output jacks. Unused outputs need not be terminated.

The FP-SVDA4's low profile and compact size permit mounting in confined spaces and in various locations in equipment racks. The location of the input/output jacks permits high-density mounting against flat surfaces while maintaining accessibility to the connectors. Installations requiring multiple distribution amplifiers are ideally designed using FP-SVDA4s affixed to rack sides, or by mounting them to either the front or rear rack rails using the RDL FP-RRA.

Wherever S-video distribution is needed to provide wide-band video feeds, gain adjustment, reliability, compactness and unsurpassed versatility, the FP-SVDA4 is the ideal choice. Use the FP-SVDA4 individually, or combine it with other RDL products as part of a complete audio/video system.

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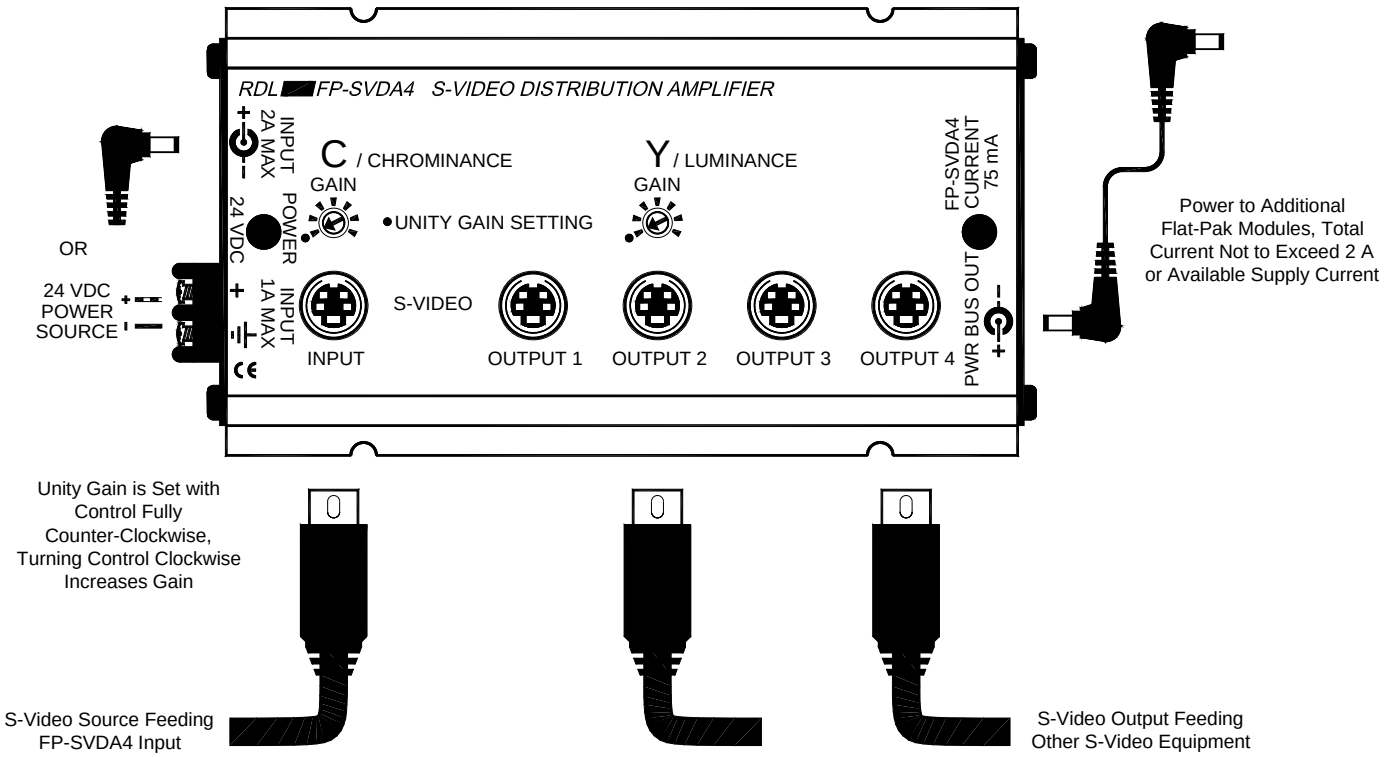
Model FP-SVDA4
S-Video Distribution Amplifier

Installation/Operation

CE **EN55103-1 E1-E5; EN55103-2 E1-E4**
Typical Performance reflects product at publication time exclusive of EMC data, if any, supplied with product. Specifications are subject to change without notice.



TYPICAL PERFORMANCE

Input Impedance:	75 Ω (separate Y-C components)
Gain Range:	Unity to +6 dB (adjustable for each video component)
Load Impedance:	75 Ω
Outputs (4):	Amplified Outputs (separate Y-C components)
Output Level:	1 V p-p (into 75 Ω)
Frequency Response:	10 Hz to 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)
Connector Type:	4 Pin mini-DIN
Power Requirement:	24 Vdc @ 75 mA, Ground-referenced
Overall Dimensions:	Height: 1.14 in. 2.90 cm
	Width: 3.25 in. 8.26 cm
	Length: 6.41 in. 16.28 cm

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