

VDA-4 and VDA-4A

1 x 4 Distribution Amps

FSR
AV Products Group

VDA-4 and VDA-4A



DESCRIPTION

The VDA-4 and VDA-4A 1x4 Distribution Amplifiers provide a convenient method to distribute one composite video and one line level stereo audio signals (VDA-4A) to four AV output devices such as projectors, monitors and audio amps (VDA-4A). Both models will split any NTSC, PAL or SECAM input signal and individually buffer the four video outputs.

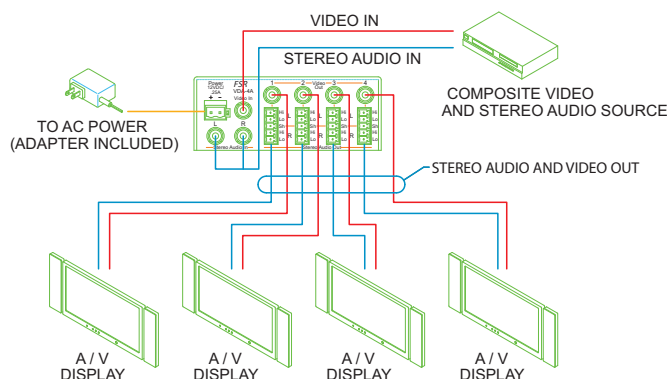
These units have been designed to ensure absolute signal integrity at the receiving device (projector, monitor or other video recording equipment). The VDA-4A audio model takes any unbalanced line level audio source and outputs four high quality balanced line level stereo signals.

Mounting brackets and hardware to surface or under-table mount are included. With the optional rack tray or rack mount, multiple 1/4 rack housings can be mounted in an equipment rack. An FSR 12VDC power supply is included.

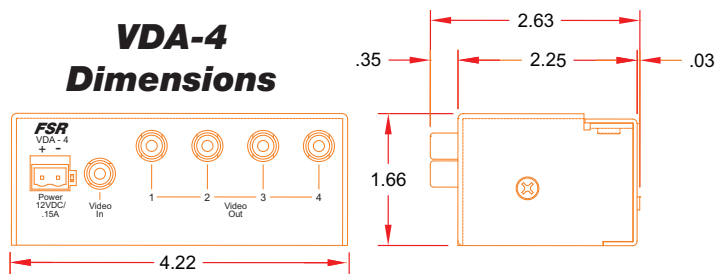
FEATURES

- Mount ears and universal power supply included
- Superior signal integrity
- Pluggable screw terminals on balanced audio outputs (audio model)
- Rack mount options available (see description)

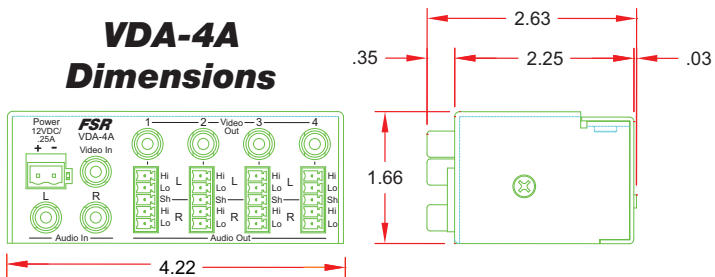
APPLICATIONS



VDA-4 Dimensions



VDA-4A Dimensions



Touchboards

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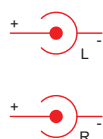
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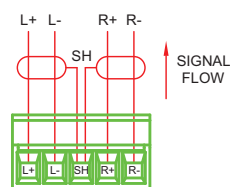
SPECIFICATIONS

AUDIO INPUT		VDA-4	VDA-4A	
Number of inputs		N/A	1, Stereo unbalanced	
Connector type		N/A	RCA	
Maximum input		N/A	4 dBV, balanced output -2 dBV, unbalanced output	
Input impedance		N/A	10KΩ	
AUDIO OUTPUT		VDA-4	VDA-4A	
Number of outputs		N/A	4 Stereo balanced/unbalanced	
Connector type		N/A	5 position pluggable screw terminal	
Gain		N/A	+6 dB	
Maximum output @ 600Ω		N/A	+10 dBV, balanced +4 dBV, unbalanced	
THD+Noise		N/A	0.005% @ 1KHz @ max rated output	
Frequency Response		N/A	20Hz-20kHz, (+/-0.05 dB)	
Signal to Noise ratio		N/A	20Hz-20KHz, >85dB @ max rated output (unweighted)	
Stereo Separation		N/A	20Hz-20Khz >100 dB @ 1KHz	
Note: Balanced audio output performance, unless otherwise noted.				
VIDEO INPUT		VDA-4 and VDA-4A		
Number of Inputs		1 Composite		
Connector type		RCA		
Input Impedance		75Ω		
Nominal level		0.7 Vp-p		
Maximum level		2 Vp-p		
Signal standards		NTSC, PAL or SECAM		
VIDEO OUTPUT		VDA-4 and VDA-4A		
Number of outputs		4 Composite		
Connector type		RCA		
Output Impedance		75Ω		
Nominal level		0.7 Vp-p		
Maximum level		2 Vp-p		
Signal standards		NTSC, PAL or SECAM		
Bandwidth		+/- 0.5 dB flatness to 150 MHz minimum, 200 MHz typical -3 dB @ 300 MHz minimum, 350 MHz typical.		
Differential phase error		0.04 degrees (NTSC)		
Differential gain error		0.03% (NTSC)		
Power Requirements		VDA-4	VDA-4A	
Power supply		12V DC @ 50mA	12V DC @ 140mA	
MECHANICAL		Model	Dimensions (inches)	Shipping weight lbs
		VDA-4	4¼" W x 2¼" D x 1⅞"H	1.5 lbs.
		VDA-4A	4¼" W x 2¼" D x 1⅞"H	1.5 lbs.
		VDA-4 and VDA-4A		
Enclosure material		Metal		

UNBALANCED STEREO AUDIO INPUT

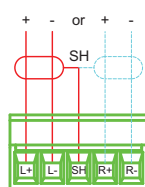


TO A STEREO BALANCED PREAMP INPUT

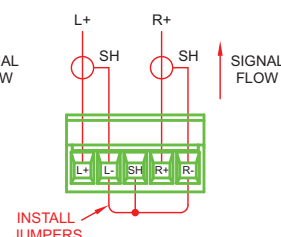


AUDIO OUTPUT CONNECTOR WIRING

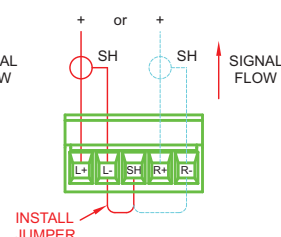
TO A MONO BALANCED PREAMP INPUT



TO A STEREO UNBALANCED PREAMP INPUT



TO A MONO UNBALANCED PREAMP INPUT



MADE IN THE USA



Specifications are subject to change without notice.

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