

SADA-6

Stereo Audio Distribution Amplifier



DESCRIPTION

The SADA-6 is one input, four or six output stereo distribution amplifiers. It can be configured for stereo or mono applications with the flip of a switch. The SADA-6 incorporates a unity/boost setting that can effectively compensate for varying input signal levels handling a variety of audio sources.

The SADA-6 is a professional quality DA accepting balanced or unbalanced inputs and outputs. A unique feature of the SADA-6 is the four configurations available. The input output arrangement can be configured for: 1X6 stereo, 2- 1X6 mono's, a 1X12 mono or a 1 stereo into 12 mono audio distribution. The SADA-6 includes a power supply. There is an optional mounting bracket for a 19" rack and will allow the mounting of one or two units (FSR RK-1).

FEATURES

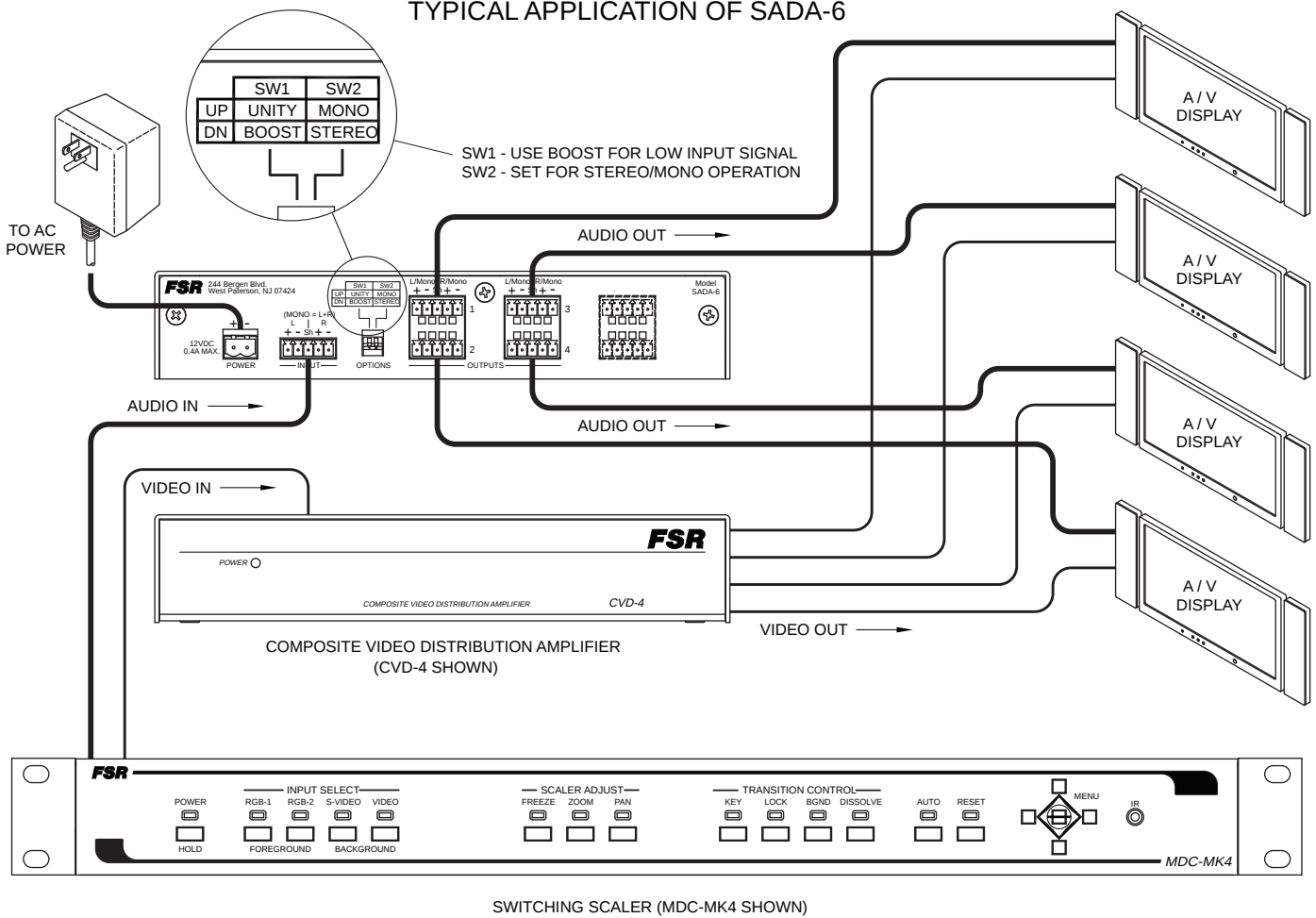
- Individually buffered and amplified outputs
- Input Boost switch (0 or +14dB)
- Outputs are short circuit protected
- Full metal enclosure
- UL & CSA approved external power supply included
- Rack mountable with optional rack mount (FSR RK-1)
- Configurable for multiple output arrangements
- Half rack size allows dual mounting option
- Balanced inputs and outputs
- May be operated in unbalanced mode

FSR Inc.

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LITX1218D

TYPICAL APPLICATION OF SADA-6



AUDIO INPUT CONNECTOR WIRING

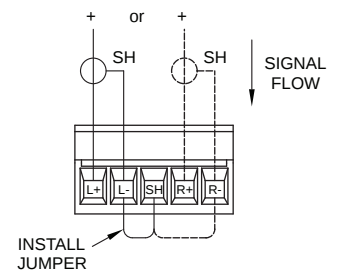
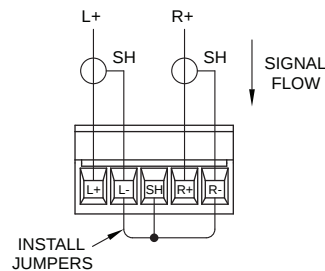
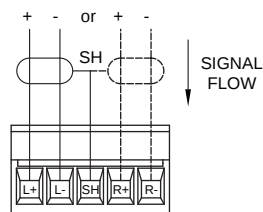
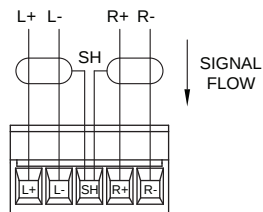
NOTE: USE LEFT AND RIGHT INPUTS AND OUTPUTS AS NEEDED FOR DUAL INPUT/OUTPUT CONFIGURATIONS (SEE NEXT PAGE)

MONO BALANCED FROM SOURCE

STEREO UNBALANCED FROM SOURCE

STEREO BALANCED FROM SOURCE

MONO UNBALANCED FROM SOURCE



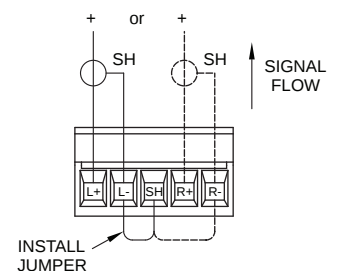
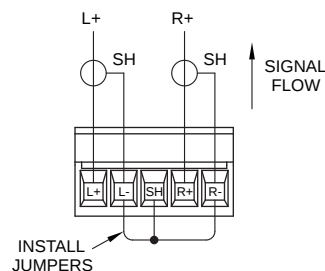
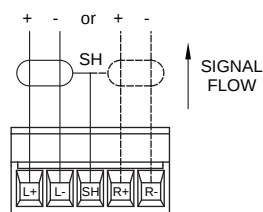
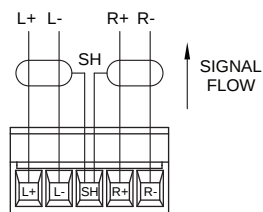
AUDIO OUTPUT CONNECTOR WIRING

TO A STEREO BALANCED PREAMP INPUT

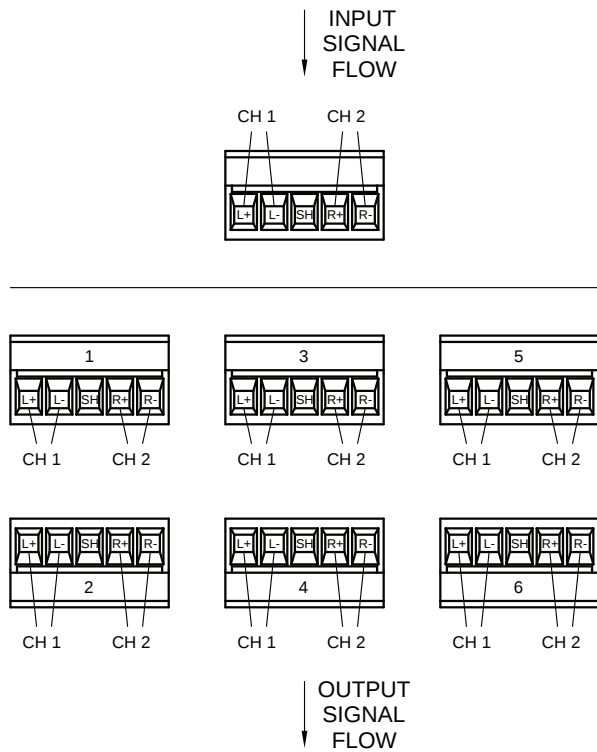
TO A MONO BALANCED PREAMP INPUT

TO A STEREO UNBALANCED PREAMP INPUT

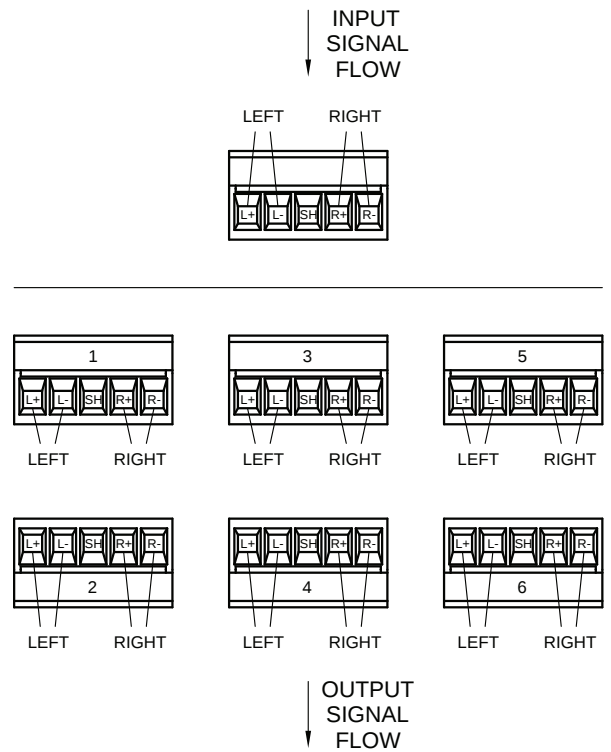
TO A MONO UNBALANCED PREAMP INPUT



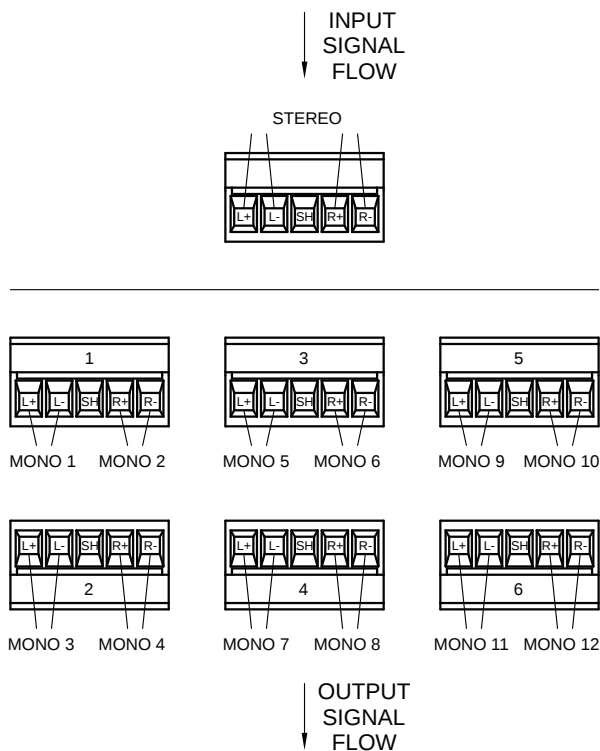
2 - 1 MONO IN x 6 MONO OUT SWITCH SET TO "STEREO"



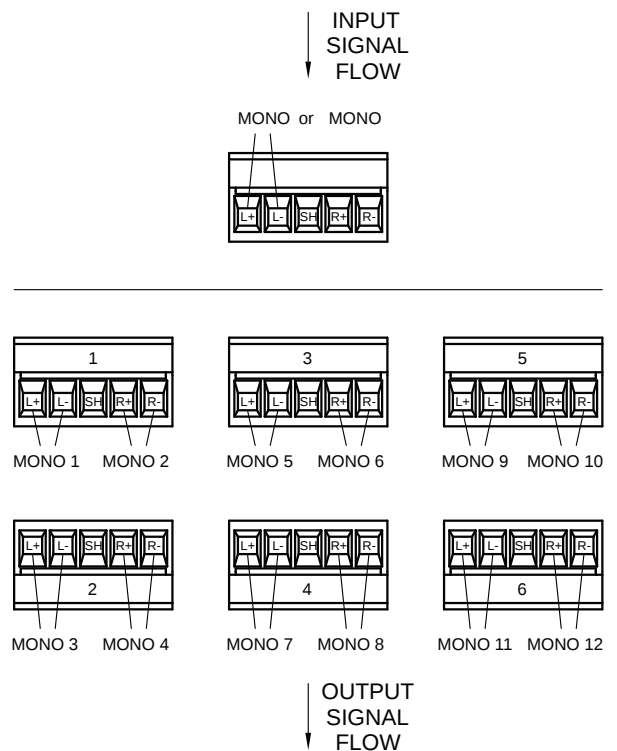
1 STEREO IN x 6 STEREO OUT SWITCH SET TO "STEREO"



1 STEREO IN x 12 MONO OUT SWITCH SET TO "MONO"



1 MONO IN x 12 MONO OUT SWITCH SET TO "MONO"



SPECIFICATIONS

Audio Input

Number/type	1 stereo balanced or unbalanced
Connectors	1 pluggable screw terminal 5 conductor
Impedance	20K ohms DC coupled balanced, 10K Ohms DC coupled unbalanced
Max Input level	+18dBm unity 12dBm boost (balanced or unbalanced)

Audio Throughput

Gain	Unity Gain, +14dB with Boost set "on"
Frequency response	20 Hz to 20 kHz (+/-0.05 dB)
THD + Noise	0.02% @ 1 KHz at rated maximum output
S/N	>90 dB
CMRR	>50 dB

Audio Output

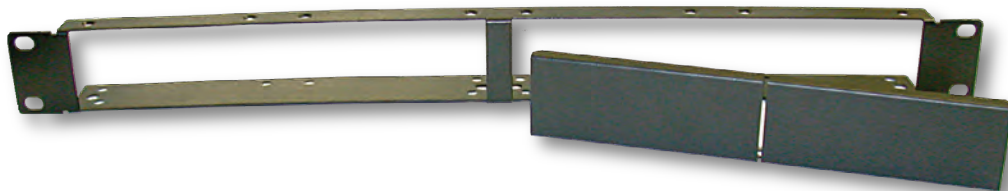
Number/type	4 or 6 Electronic balanced output.
Connectors	4 or 6, five-position pluggable screw terminals
Impedance	50 ohm balanced output.
Max Output level	+24 dBm into high impedance connection or +22dBm into 600 Ohms.

General

Power connector	Pluggable 2 conductor
Power Supply	12VDC @ 400mA provided on the power supply line
Enclosure type/size	Metal
Shipping weight	2 lbs.

ACCESSORIES

An optional mount kit is available for the SADA-6 unit. The black painted, steel rack mount kit allows for your choice of table or rack mounting, FSR RK-1.



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Specifications are subject to change without notice.