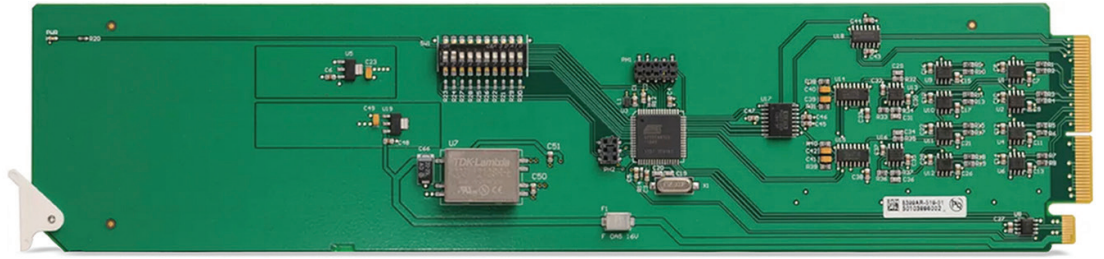


FEATURES

- ▷ Complete remote control of operating mode and gain control
- ▷ Stereo 2x4, Mono 1x8, and Stereo Sum L+R x 8 outputs
- ▷ Full broadcast-grade balanced signal capability with +27.5 dBu maximum input level support
- ▷ Low-impedance outputs
- ▷ Selectable control via DIP switch or DashBoard™ remote control
- ▷ Remote control monitoring via DashBoard™ software
- ▷ Hot-swap capable



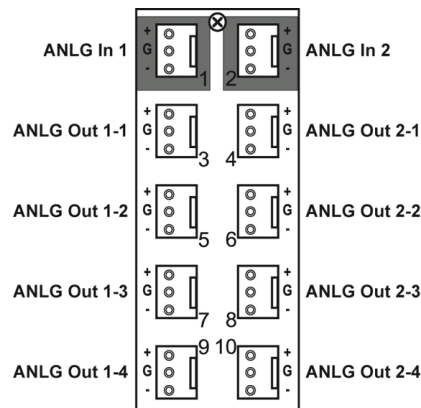
The MDoG-6001-DA-2X4-AA is a remote gain analog audio distribution amplifier designed for broadcast use. It can be used as either a mono 1x8 or dual-channel 1x4 stereo audio distribution amplifier.

When used with the standard rear module, it provides 8 copies of the single mono input signal or 4 copies each of the stereo inputs.

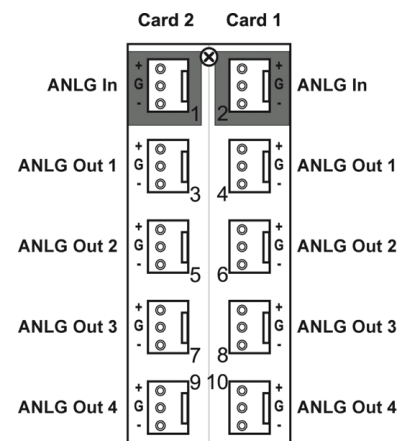
The MDoG-6001-DA-2X4-AA has internal audio processing for independent channel or stereo gain control as well as summing capability which can be set using the on board DIP switch or controlled via Dashboard remote control and monitoring system.

The MDoG-6001-DA-2X4-AA is also ideal for LTC timecode distribution throughout a facility. In the 1x8 mode, the MDoG-6001-DA-2X4-AA provides 8 copies of the incoming signal when used with the R2-6001-DA-2x4-AA full rear module.

REAR MODULES



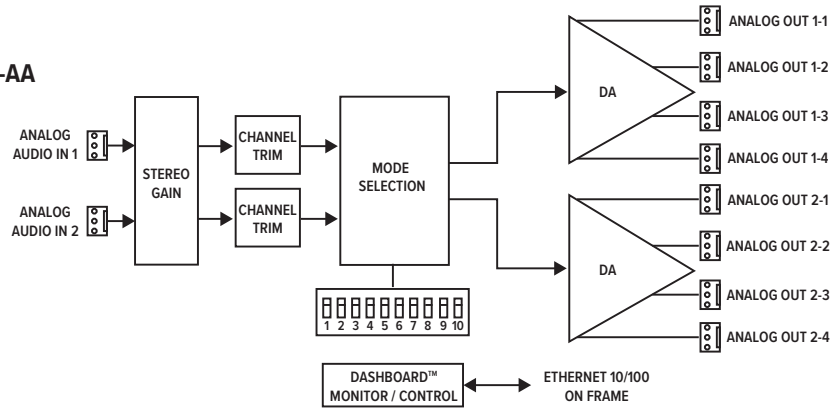
Connections for R2-6001-DA-2x4-AA
Full Rear Module



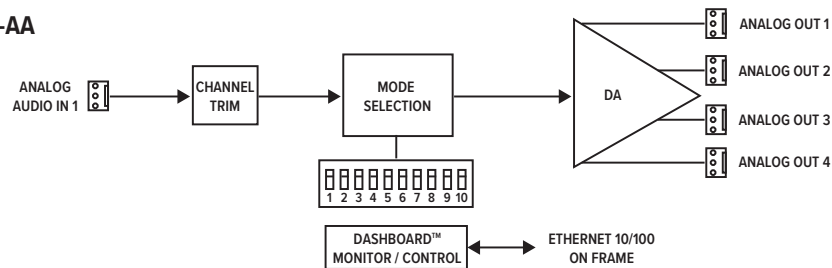
Connections for R2S-6001-DA-2x4-AA
Split Rear Module

BLOCK DIAGRAM

R2-6001-DA-2x4-AA



R2S-6001-DA-2x4-AA



TECHNICAL SPECIFICATIONS

Electrical

Power	< 5 Watts
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Analog Audio Input*

Number of Inputs	(2) Balanced
Impedance	>20Ω, Balanced
Maximum Input Level	+27.5 dBu
Connector Type	WECO® Removable Modular

Analog Audio Outputs*

Number of Outputs	(8) balanced; available as stereo 2x4, mono 1x8, and stereo sum L+R x 8 output
Impedance	60 Ω, balanced
Output Isolation	> 60 dB
Connector Type	WECO® Removable Modular

Analog Audio Specifications

Gain	±15 dB
Freq. Response	20 – 20 kHz ±0.1 dB
Noise	< -85 dBu, 10 – 22 kHz at unity gain
Harmonic Distortion	< 0.01%

*Note: Some Inputs / Outputs are a function of rear I/O Module used

ORDERING INFORMATION

FRAME OPTIONS	
MDoG-6001-DA-2x4-AA	1x8/2x4 Remote Gain Analog Audio Distribution Amplifier
R2-6001-DA-2x4-AA	20-Slot Frame Rear I/O Module (Standard Width) (2) Balanced Analog Audio In, (8) Balanced Analog Audio Out
R2S-6001-DA-2x4-AA	20-Slot Frame Rear I/O Module (Split) Dual 1x4 Balanced Analog Audio I/O (connections are per card)