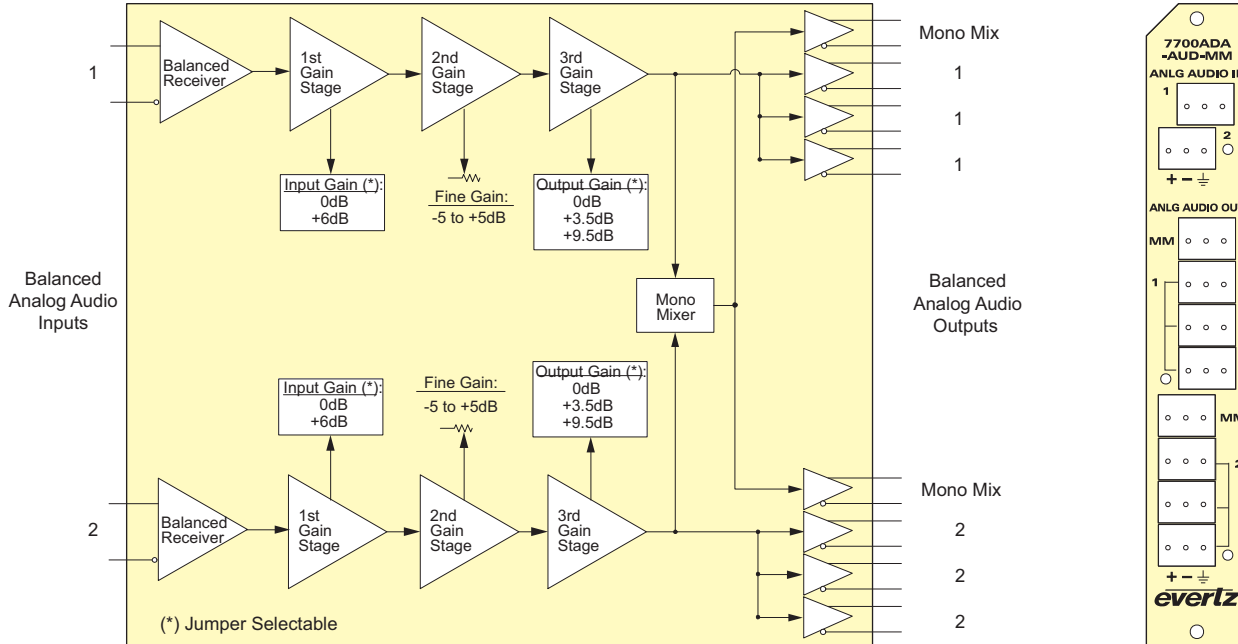


The 7700ADA-AUD-MM Balanced Analog Audio Distribution Amplifier with Mono Mix is a general-purpose amplifier for distributing analog audio signals and providing a mono mix output of the stereo inputs. It can be operated with either differential or single ended inputs and offers a wide range of gain adjustment to handle a wide variety of input signals.

The 7700ADA-AUD-MM occupies one card slot and can be housed in a 1RU frame, which will hold up to four modules, a 3RU frame that will hold up to 15 modules or a 350FR portable frame that will hold up to seven modules.

### Features & Benefits

- Differential and single ended inputs (automatic single ended to differential conversion)
- High impedance inputs
- Low impedance outputs
- Wide gain adjustment range
- High common mode range and common mode rejection ratio
- Very high SNR and very low THD+N
- Mono Mix of the stereo input
- Module Status/Local Fault



### Specifications

<p><b>Analog Audio Inputs:</b>  Standard: Any analog audio signal  Number of Inputs: 2 (Balanced or Single ended)  Connector: 3-pin removable terminal strips  Maximum Input Level:  0dB Input Gain: +33dBu  +6dB Input Gain: +28dBu  Noise Floor: -87dBu (0dB input gain), -91dBu (+6dB input gain jumper setup)  Common Mode Rejection:  &gt; 90dB @ 60Hz, 60dB @ 20kHz (tested with +28dBu CM input)  Common Mode Range:  0dB Input Gain: &gt; ±22V  +6dB Input Gain: &gt; ±7V  Input Impedance:  0dB Input Gain: 33kΩ  +6dB Input Gain: 15kΩ</p>	<p><b>Analog Audio Outputs:</b>  Number of Outputs: 3 outputs each of left and right channels  Distribution: 2 outputs total  Amplified Outputs: 3 outputs each of left and right channels  Mono Mix Outputs: 2 outputs total  Connectors: 3-pin removable terminal strips  Maximum Output Level: +28dBu across hi-impedance load  +24dBm into 600Ω load  Output Impedance: 66Ω  Frequency Response: ±0.02dB 20Hz to 20kHz  Stereo Phase Mismatch: &lt; 1° @ 20kHz  SNR:  0dB Input Gain: 115dB  +6dB Input Gain: 119dB  THD+ Noise: 0.001% 20Hz to 20kHz @ 28dBu, unweighted RMS  Intermodulation Distortion:  0.001% - SMPTE @ 18dBu  Stereo Crosstalk: &gt;115dB @ 1kHz, &gt;93dB @ 20kHz</p>	<p><b>Available Gains:</b>  Input Step Gain: 0dB or +6dB (configurable with jumpers)  Distribution: 3-pin removable terminal strips  Fine Gain Control: -5 to +5dB (card edge pot adjustable)  Output Step Gain: 0, 3.5 or 9.5dB (configurable with jumpers)</p> <p><b>Electrical:</b>  Voltage: +12V DC  Power: 12W  EMI/RFI: Complies with FCC regulations for class A devices  Complies with EU EMC directive</p> <p><b>Physical (number of slots):</b>  350FR: 1  7700FR-C: 1  7800FR: 1</p>
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### Ordering Information

<b>7700ADA-AUD-MM</b>	Dual Channel Analog Audio Distribution Amplifier with Mono Mix	<b>Enclosures</b> 350FR 7700FR-C 7800FR 7801FR	3RU Portable Multiframe which holds up to 7 single slot modules 3RU Multiframe which holds up to 15 single slot modules 3RU Multiframe which holds up to 15 single slot modules 1RU Multiframe which holds up to 4 single or 2 dual slot modules
<b>Ordering Options</b>	Rear Plate must be specified at time of order (Eg: Model +3RU)		
<b>Rear Plate Suffix +3RU</b>	3RU Rear Plate for use with 350FR, 7700FR-C or 7800FR Multiframe		