

# Audio Upmixer



## Software Option

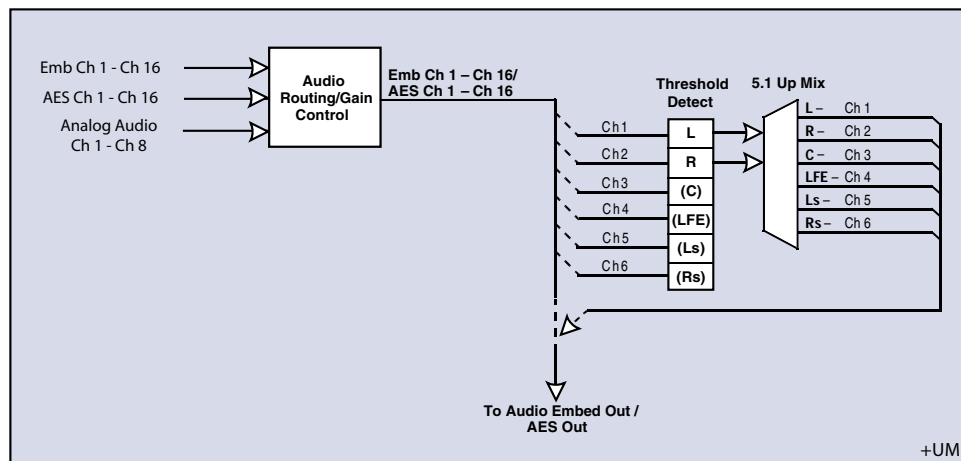
The Audio Upmixer software option adds a 5.1 upmixer function. Featuring Linear Acoustic UPMAX™ technology, the 5.1 upmixer uses any stereo pair accommodated by the card and generates a six-channel 5.1 complement (L, R, C, LFE, Ls, Rs) from the stereo source, thereby allowing legacy stereo programming to adapt to and fully utilize 5.1-channel audio capabilities.

The 5.1 upmixer can always generate a 5.1 feed from a stereo pair, or be set to look at signal levels on designated channels. Where valid 5.1 audio is present, the 5.1 upmixer allows the channels to pass unaffected. Where 5.1 audio is not present, the 5.1 upmixer then automatically generates and routes the 5.1 audio on the designated channels.

The Audio Upmixer is available as an option on the Fusion3G™ 9900 series, and select 9000 series card. The software can be ordered with card purchase, or activated later using a downloadable feature key via free DashBoard™ remote control/monitoring software (no need to remove or replace card.)

## Features

- Handles any type of stereo pair accommodated by the card
- Configurable thresholds to tailor seamless automatic operation
- Five year warranty



Upmixer Block Diagram

## Ordering Information

<b>+UM</b>	Optional Linear Acoustic Audio Upmixer
<b>Fusion3G™</b>	Available as option on all Fusion3G™ 9900 Series for openGear™
<b>9033</b>	Input Processing Analog to Digital Video with Audio Embedding
<b>9034</b>	Input Processing Analog to Digital Video with Audio Embedding and Frame Sync
<b>9035</b>	Analog and SDI Input to SDI Output Converter with Audio Embedding, Frame Sync
<b>9061</b>	Up/Down/Cross Converter with Analog/SDI Input, Audio Embed/De-Embed, Frame Sync, Timecode and Closed Caption Support
<b>9062</b>	Up/Down/Cross Converter with HD/SD-SDI Input, Embedded Audio, Frame Sync, Timecode and Closed Caption Support
<b>9066</b>	Upconverter with Analog/SDI Input, Audio Embed/De-Embed, Frame Sync, Timecode and Closed Caption Support
<b>9067</b>	Upconverter with SD-SDI Input, Embedded Audio, Frame Sync, Timecode and Closed Caption Support
<b>9822</b>	Downconverter with HD/SD-SDI Input, Embedded Audio, Frame Sync, Timecode and Closed Caption Support
<b>9081</b>	HD/SD Frame Sync with Embedded Audio Processing
<b>9083</b>	HD/SD Frame Sync with Audio Embedding/De-Embedding
<b>9305</b>	Embedded Audio Delay Processor, with Optional Audio Upmixer
<b>9321</b>	HD/SD Embedder
<b>9322</b>	HD/SD De-Embedder
<b>9323</b>	HD/SD Embedder/De-Embedder with A/V Processing

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