

Downmix Matrix

Overview

The Downmix Matrix is a Processor for creating a downmix from a multichannel input signal. It uses a matrix-based processing stage to derive a lower-channel output format from a higher-channel input format.

The Processor is intended for workflows where immersive or surround content must be made available in a reduced channel format.

Typical Applications

Typical applications include:

- Creating downmixes from multichannel sources
- Format conversion for monitoring
- Generating compatibility outputs
- Routing multichannel content to lower-channel destinations

Included Modules

The Processor includes the following processing stage:

- Downmix Matrix

The signal flow is:

Input → Downmix Matrix → Output

Channel Formats

The backup shows a 7.1.4 input-related configuration and an 8-channel output-related configuration.

[PLACEHOLDER: confirm exact input and output channel format naming]

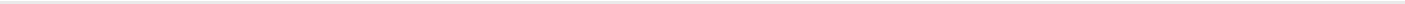
Block Diagram

[PLACEHOLDER: insert block diagram for Downmix Matrix]

Notes

[PLACEHOLDER: block diagram required]

[PLACEHOLDER: confirm target downmix format]



Revision #1
Created 2026-09-04 12:58:16 UTC by FK
Updated 2026-09-04 12:58:16 UTC by FK