Automixer - Stereo

Overview

The Automixer - Stereo is a Processor for combining two stereo program sources with additional mono voice signals. It provides input conditioning, fail-over handling, equalization, level control, voice-over processing, mix-minus generation, clean mono generation, output conditioning, limiting, and metering in one processing chain.

The Processor is intended for stereo production workflows where program audio and voice signals need to be mixed, controlled, and delivered as program, mix-minus, and clean mono outputs.

Typical Applications

Typical applications include:

- Stereo broadcast program mixing
- Voice-over integration into stereo program audio
- Mix-minus generation for production and contribution workflows
- Clean mono output generation
- Loudness-controlled stereo output processing
- Program fail-over workflows

Included Modules

The Stereo version includes the following processing and measurement stages:

- Input Meter
- Input Conditioner
- Fail Over
- Equalizer
- Level Magic
- Voice Over
- Mix-minus
- Matrix Mixer
- True Peak Limiter
- Output Conditioner
- Output Meter
- Loudness Measurement

The signal flow includes separate input conditioning for stereo program and mono voice signals, followed by fail-over selection, equalization, level control, voice-over mixing, mix-minus generation, clean mono generation, output limiting, output conditioning, and measurement.

Channel Formats

This article describes the Stereo version.

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