Program Processing Channel Strip – Stereo

Overview

The Program + Spectral Processing Channel Strip - Stereo is a Processor for stereo program processing with spectral signature processing. It combines input measurement, input conditioning, fail-over handling, spectral processing, equalization, expansion, compression, loudness control, output conditioning, and loudness measurement.

The Processor is intended for stereo program workflows where tonal shaping, dynamics control, source fail-over, and loudness control are required in one processing chain.

Typical Applications

Typical applications include:

- Stereo broadcast program processing
- Spectral program shaping
- Program fail-over workflows
- Dynamic range control
- Loudness-controlled stereo output processing

Included Modules

The Stereo version includes the following processing and measurement stages:

- Loudness Measurement
- Input Conditioner
- Fail Over
- Spectral Signature
- Equalizer
- Expander
- Compressor
- Level Magic
- Output Conditioner

The signal flow includes input measurement and conditioning for two stereo sources, fail-over selection, spectral signature processing, equalization, expansion, compression, loudness control,

output conditioning, and output measurement.

Channel Formats

This article describes the Stereo version.

Block Diagram

[PLACEHOLDER: insert block diagram for Program + Spectral Processing Channel Strip - Stereo]

Notes

[PLACEHOLDER: block diagram required]

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