

Program Processing Channel Strip – Immersive

Overview

The Program Processing Channel Strip - 7.1.4 (+Upmix) is a Processor for immersive program processing with automatic upmixing. It combines input measurement, input conditioning, upmixing, equalization, expansion, compression, loudness control, output conditioning, and loudness measurement.

The Processor is intended for 7.1.4 program workflows where source material needs to be processed, upmixed, controlled, and delivered as an immersive output.

Typical Applications

Typical applications include:

- 7.1.4 immersive program processing
- Upmix-assisted immersive workflows
- Equalization and dynamics control
- Loudness-controlled immersive output processing
- Broadcast and production workflows using 7.1.4 audio

Included Modules

The 7.1.4 version includes the following processing and measurement stages:

- Loudness Measurement
- Input Conditioner
- Auto Upmix
- Equalizer
- Expander
- Compressor
- Level Magic
- Output Conditioner

The signal flow includes input measurement and conditioning, automatic upmixing, equalization, expansion, compression, loudness control, output conditioning, and output measurement.

Channel Formats

This article describes the 7.1.4 version with upmixing. Lower configurations (5.1.4) with and without upmixing can be loaded.

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