

Monitoring Controller - Immersive

Overview

The Immersive Monitoring Controller is a Processor for immersive production workflows. It combines input metering, input conditioning, source switching, monitoring control, monitor mix processing, downmixing, bass management, equalization, sample playback, output conditioning, and output metering.

The Processor is intended for controlled monitoring of 7.1.4 (lower channel configurations can be loaded) audio in production, quality-control, and immersive audio environments.

Typical Applications

Typical applications include:

- 7.1.4 immersive audio monitoring
- Source switching between monitoring inputs
- Monitor mix control
- Downmix monitoring
- Bass management
- Room or monitor equalization
- Output conditioning and metering

Included Modules

The 7.1.4 version includes the following processing and measurement stages:

- Input Meter
- Input Conditioner
- Buffer Multiplexer
- MAP Monitoring Controller
- MAP Mix
- Downmix Multichannel
- Bass Management
- Equalizer
- Sampler
- Output Conditioner

- Output Meter

The signal flow includes input measurement and conditioning for two 7.1.4 sources, source switching, monitoring control, monitor mix processing, downmixing, bass management, equalization, sample playback, output conditioning, and output metering.

Channel Formats

This article describes the 7.1.4 version. Lower channel configurations can be loaded utilizing the same license.

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