

Loudness Measurement

Applicability

This description applies to the Stereo, Surround, and Immersive versions of the Loudness Measurement module.

Overview

Loudness Measurement is a module for measuring loudness and true peak values of program, monitor, or output paths. It is used for monitoring loudness distribution before or after processing stages.

Processing Principle

The module measures loudness over time and provides controls for running, pausing, and resetting the measurement state and its maximum values.

Parameters

Parameter	Description
Measurement State	Controls the current run or pause state of the loudness measurement.
Run/Pause	Sets the measurement to run or pause when applied or when a preset is loaded.
Reset	Resets the loudness measurement when applied or when a preset is loaded.
Reset Max	Resets the stored maximum loudness and peak values when applied or when a preset is loaded.

Related Processors

- Automixer
 - FM Conditioner Channel Strip
 - MPEG-H 3D Audio Renderer
 - Program Processing Channel Strip
 - S-ADM Dolby Renderer
 - Voice Over Mixer
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