Expander

Applicability

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

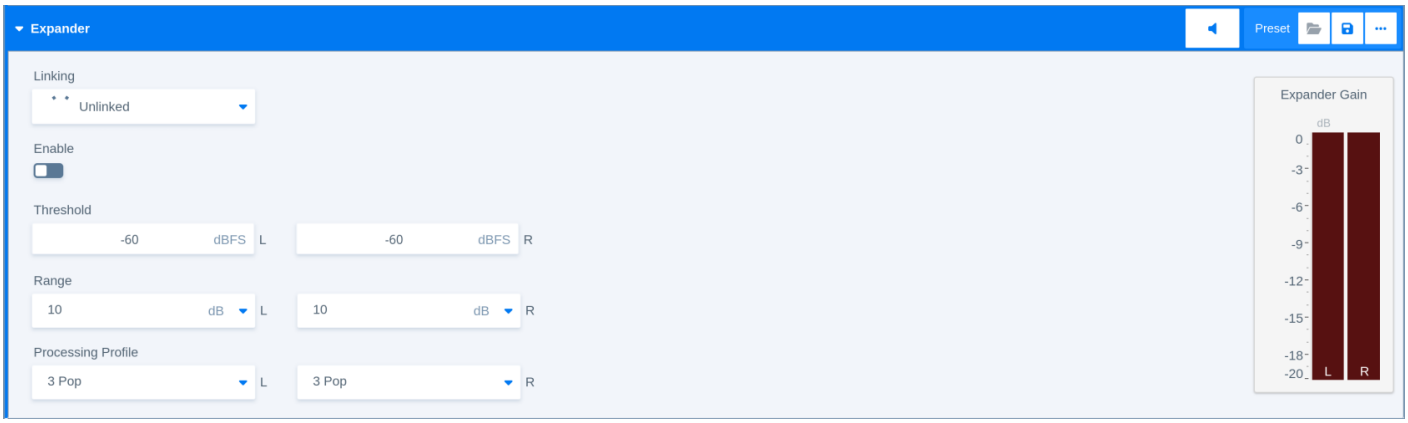
Overview

Expander is a module for reducing low-level signal components (downward expansion). It can be used to reduce background noise, ambience, or unwanted low-level content before compression and loudness processing. A gating mode (full cut) is available.

Processing Principle

The module applies gain reduction when the signal falls below the configured threshold. The range parameter limits the maximum amount of reduction, and the processing profile controls the response behavior. In gate mode the level gets fully cut.

Parameters



Parameter	Description
Linking	Controls how channel paramters are linked and the side chain audio is grouped for expansion.
Enable	Enables or disables the expander stage.
Threshold	Sets the level below which expansion becomes active.
Range	Limits the maximum gain reduction applied by the expander. In gate mode the level gets fully cut.
Processing Profile	Selects the expander processing profile. The profile represent faster or slower timing reaction.

Related Processors

- FM ConditionerChannel Strip - Stereo
- Program Processing Channel Strip - 5.1
- Program Processing Channel Strip - Stereo
- Program Processing Channel Strip - 7.1.4
- Program Processing Channel Strip - 7.1.4 (+Upmix)

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