

# Modulation matrix

The modulation matrix provides an overview of all modulations currently configured in the project.

## Modulation Matrix Screen

MOD MATRIX (4 MODULATIONS)						33%	
SOURCE				DEST		ATTNV	
VIM1	ADSR		I	VI	FREQ FI	200.0%	
	MACRO I		I	VI	FREQ FI	47.9%	
	MACRO I		I	VI	LP>N>HP FI	30.5%	
VIM2	ADSR		I	VI	OCA2	200.0%	
DELETE							

This screen is divided into two sections:

- On the left side of the table: the modulation source, along with its slot location, its name, and a real-time visual gauge displaying its activity.
- On the right side: the destination parameter, showing its slot and name, as well as the applied modulation amount (ATTNV). This amount can be adjusted directly using Potentiometer 4 located below this column.

At the top of the screen, you'll find the total number of active modulations in the project. This count does not include modulations assigned to additional voices of an instrument. For instance, if you have a 6-voice polyphonic instrument with an ADSR modulating the filter, it will display as **1 MODULATION**, not 6.

## Navigation

- Use the encoder to scroll through the list of modulations.
- A short press on the encoder opens the modulation assignment screen for the selected parameter.

## Modulation Management

**Quick delete:** The *Delete* button immediately removes a modulation, without confirmation.

Note that you cannot create new modulations from within the matrix.

Modulations can significantly impact CPU usage. Avoid keeping unnecessary modulations

active—such as those with an attenuverter set to 0%, or modulations relying on a missing source (EMPTY).

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