

Modley

Multi effect delay



Welcome!

This is the user manual for **Modley**, a multi-effect delay plug-in effect available for iPad (AUV3) and Mac & Windows (AU/VST/AAX). It has been designed and developed by Klevgrand, a small studio in Stockholm, Sweden. Modley is a modulation delay with effect insert capabilities, which lets you design the whole delay signal with several carefully selected effect modules, to create unique signal flows.

[Get the iOS version at the App Store](#)

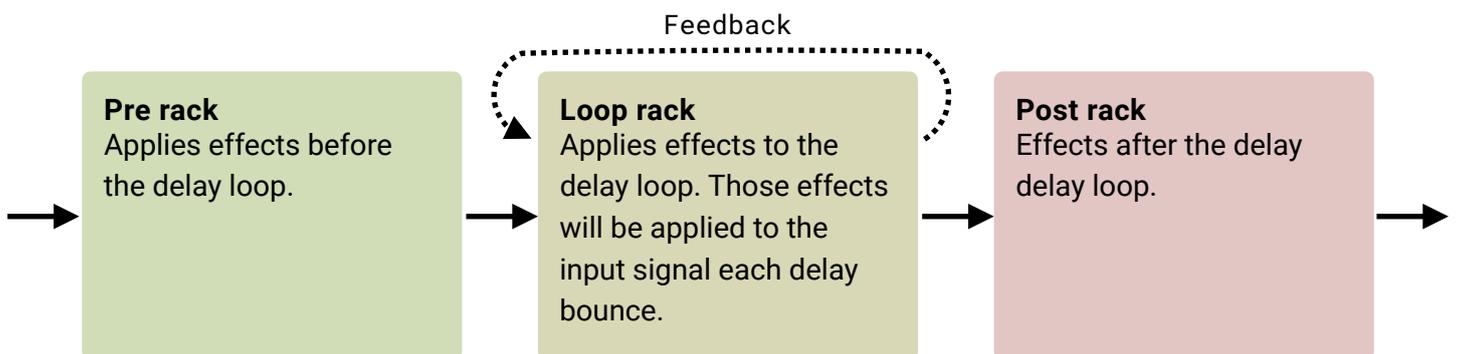
[Get the AU / VST / AAX version at klevgrand.se](#)

LICENSING (DESKTOP ONLY)

Until unlocked, the plug-in will output 1 second of silence now and then. To unlock the full version, click the Authorize label (bottom right corner) and type/paste your license key.

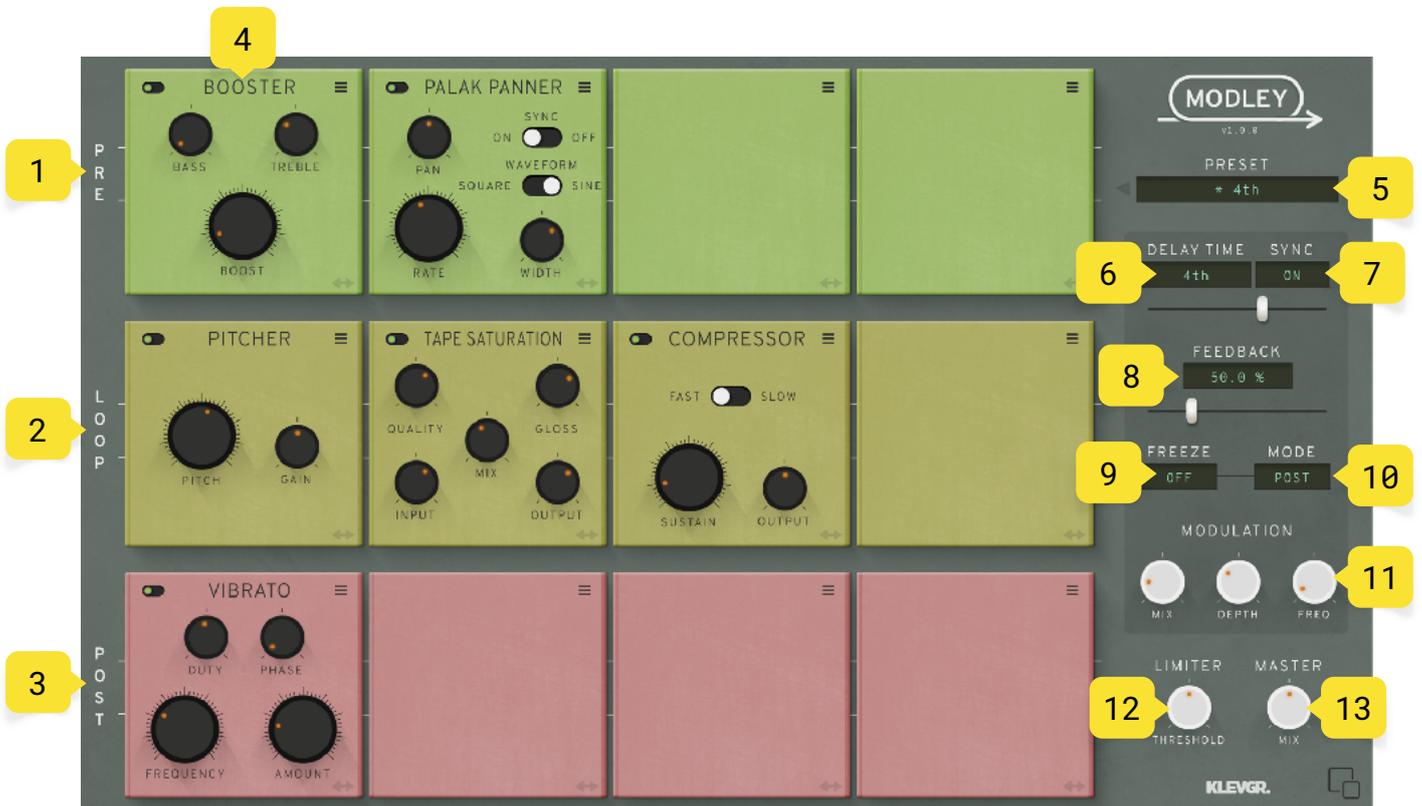
Basic concepts

Modley consists of three effect racks - Pre, Loop and Post. Each rack has four slots where effect modules can be inserted. Depending on where an effect is inserted, it will process the audio in different stages of the chain. Depending on what the Feedback parameter is set to, a certain amount of the signal from the Loop rack's output will loop back to its input.



CAUTION!

The flexibility of Modley makes the delay loop sensitive for self oscillation. Be careful when adjusting the insert parameters in the loop.



User Interface

1. PRE RACK

Inserted effects will be processed once from left to right, before entering the loop rack

2. LOOP RACK

Inserted effects will be processed from left to right. The feedback control (8) sets the amount of signal to be routed back from the loop output to the input.

3. POST RACK

Inserted effects will be processed from left to right after leaving the loop rack.

4. EFFECT SLOT

Press the hamburger icon (≡) to select an effect to insert. To remove an effect, select the topmost item EMPTY from the list. To change position of an insert, press and drag anywhere on the insert where there are no interactive items. All inserts can be bypassed using the bypass switch to the top left on each insert.

5. PRESET

Click to open a popup window with selectable presets, or step with the arrow buttons.

6. DELAY TIME

Controls the overall delay time, applied before entering each loop.

7. SYNC

Delay time as note values (synced to the host's BPM)

8. FEEDBACK

Sets the amount to be re-routed from the loop rack's output to its input. A high feedback can quickly increase the signal, so be careful.

9. FREEZE

Freezes the current delay signal.

10.FREEZE MODE

Pre

Freezed signal is fed through the loop rack chain.

Post

Freezed signal is not processed by the rack chain.

11.MODULATION

Mix

The level of the delay modulation

Depth

The depth of the delay modulation

Freq

The speed of the delay modulation

12.LIMITER THRESHOLD

Sets the output limiter threshold

13.MASTER MIX

Dry/Wet mix

Inserts

Each effect rack provides 4 slots with selectable effects, processed from left to right. It is possible to change the order of the effects within the rack, and they all can be bypassed. You can use automation for all of the effects, and their parameters are named with convention "[Rack name] Slot [Slot] param [Parameter index]" for example "Pre Slot 1 param 1".

COMPRESSOR

Simple one-knob compressor with the ability to switch between fast and slow attack and release.

Fast/Slow

Swaps between fast and slow compressor settings.

Sustain

Amount of compression

Output

Output level



PANNER

Modulates the left/right stereo position.

Pan

Left right position

Rate

Modulation speed

Width

Depth of modulation

Waveform

Sinewave or square wave modulation

Sync

Sync to host



DELAY

A stereo delay with highpass and lowpass filtering and sync.

LP

Lowpass filter frequency

HP

Highpass filter frequency

Time

Delay time

Feedback

Feedback amount

Sync

Sync to host bpm



PHASER

A flexible phaser effect

Freq

LFO Speed

Depth

LFO Amplitude

Center

Center frequency

Feedback

Wet feedback level

Mix

Dry / Wet mix

Stages

Number of stages to be used



CHORUS

Stereo

Stereo width

Mix

Dry / Wet mix

Speed

LFO Speed

Amount

Wet signal max offset time amount



REVERB

Simple but good sounding reverb.

Damping

Damping amount

Mix

Dry / Wet mix

Width

Stereo width

Size

Room size (Decay time)



VIBRATO

Alters pitch controlled by an LFO. The LFO signal can be skewed and have an offset phase on the right channel.

Duty

Alters the shape of the LFO

Phase

Right channel phase offset

Freq

LFO Speed

Depth

Amount of vibrato.



PITCHER

A rough pitch shifter

Pitch

Pitch shift amount

Gain

Gain adjust



TREMOLO

Alters volume controlled by an LFO. The LFO signal can be skewed and have an offset phase on the right channel.

Duty

Alters the shape of the LFO

Phase

Right channel phase offset

Depth

LFO Amplitude

Freq

LFO Speed

Sync

Sync to host bpm



EQUALIZER

An equalizer with low cut, high cut and 2 shelf filters.

Lo cut

Low cut frequency (20 to 120 Hz)

Lo shelf

Low shelf frequency (80 to 500 Hz)

Lo gain

Low shelf gain (-24 to 24 dB)

Hi shelf

High shelf frequency (1.6 to 18 kHz)

Hi gain

High shelf gain (-24 to 24 dB)

Hi cut

High cut frequency (7.5 to 20 kHz)



FLANGER

Feedback

Wet feedback level

Tone

LP Filter frequency

Mix

Dry / Wet mix

Speed

LFO Speed

Amount

Wet signal max offset time amount



BOOSTER

Boosts the signal by adding bass, treble and/or gain.

Bass

Bass boost amount

Treble

Treble boost amount

Boost

Gain boost amount



DISTORTION

A distortion effect that distorts in several stages, mixing tube saturation and soft clipping.

Tone

High shelf filter with attenuation

Output

Output level

Drive

Amount of distortion



TAPE SATURATION

Quality

Frequency response control

Gloss

Saturation character

Input

Input level

Output

Output level

Mix

Dry / Wet mix



FILTER

A classic resonant low/high-pass filter with selectable orders

Type

Lowpass or highness

Orders

Filter steepness

Frequency

The cutoff frequency

Resonance

Resonance amount



MULTIBAND GATE

A four band spectral gate with fixed attack times.

Thrs Bass

Bass threshold level

Thrs Low Mid

Low mid threshold level

Thrs High Mid

High mid threshold level

Thrs Treble

Treble threshold level

Release

Release time coefficient (each band has different release times, and this parameter affects those relatively)



Specifications / System requirements

Mac	Windows	iOS
64 bit AU/VST/AAX plug-in	64 bit VST/AAX plug-in	AUv3 plug-in
macOS 10.9+	Windows 7+ with SP1 or higher	iPad Air 2 or better
OpenGL		iOS 9.1+

KLEVGR.