

# Pads

Lush Pad Synthesizer



## Welcome!

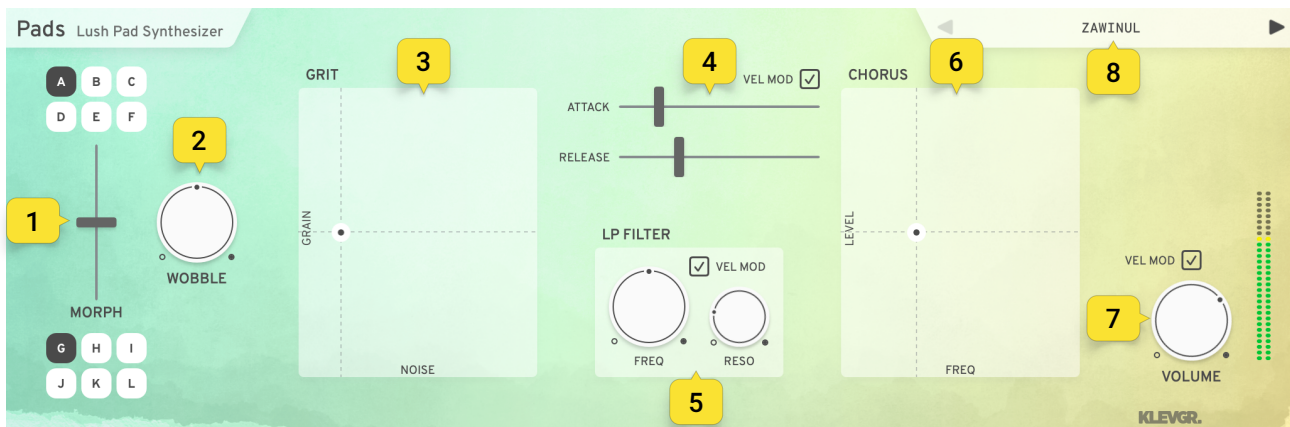
This is the user manual for **Pads**, a Pad Synthesizer instrument plug-in available for iPad (AUv3 / Standalone) and Mac & Windows (AU/VST). It has been designed and developed by Klevgrand, a small studio in Stockholm, Sweden. Pads is a wavetable synth with a noise/grain generator and a high-cut filter. With a carefully developed "wobbler" that de-tunes the waveforms and makes very small inconsistencies to several internal parameters, plus a nice sounding chorus, this synthesizer is able to create some really interesting and non-statical pad sounds.

### LICENSING (DESKTOP ONLY)

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

### IPHONE VERSION

For screen size reasons, the iPhone version is slightly different than the desktop and iPad version.



# User interface

## 1. WAVE SELECTOR

A B C D E F Wave A selector  
 G H I J K L Wave B selector

Click one of the upper characters (A-F) to select waveform A, and one of the lower characters (G-L) to select waveform B. Fade between the two selected waveforms by dragging the Morph slider.

## 2. WOBBLE

Controls amount of de-tune/filter inaccuracy. Use it for some analog character.

## 3. GRIT

Drag horizontally to add white noise and upwards to add some more irrational noise/grain. (Fun fact: the grain waveform is a sampled tone wheel from a broken Hammond Organ)

## 4. ENVELOPE

<b>Attack</b>	Sets attack time
<b>Vel Mod</b>	If set, attack time will get modulated by MIDI velocity
<b>Release</b>	Sets release time

## 5. FILTER

<b>Hi-cut</b>	Sets the base high cut filter frequency
<b>Reso</b>	Sets the base resonance
<b>Vel Mod</b>	If set, high cut frequency will be affected by MIDI velocity

## 6. CHORUS

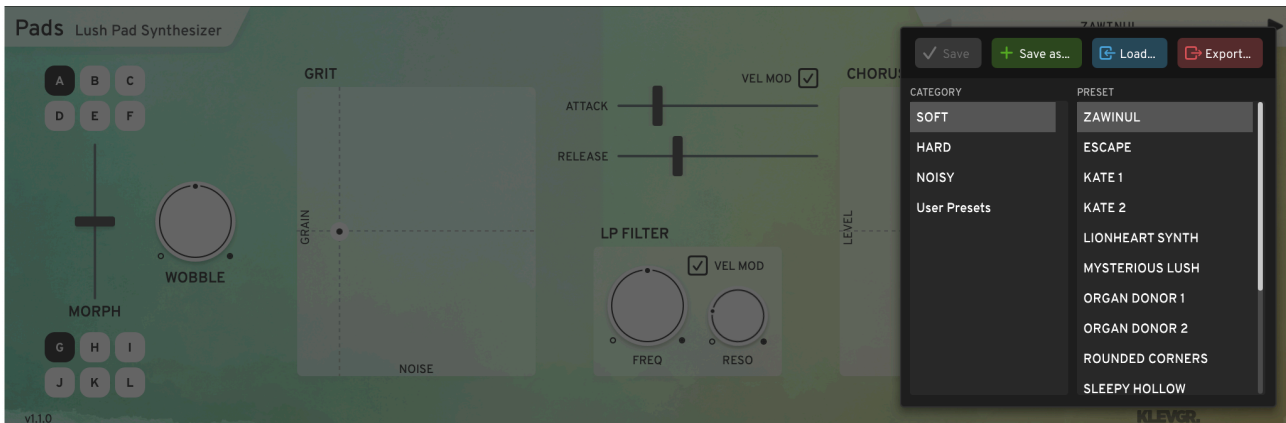
Drag upwards to add some chorus to the sound.

## 7. VOLUME

Sets the volume. If VEL MOD is set, the volume will be modulated by MIDI velocity.

## 8. PRESETS

Click the preset name to open the Preset Manager, which allows for storing and reading user created presets, as well as loading factory presets.



## MIDI map

All parameters can be altered via MIDI messages:

CC #	Parameter	CC #	Parameter
7	Main Volume	21	High cut resonance
14	Wave A selector	22	Attack time
15	Wave B selector	23	Release time
16	Wave Morph	24	Chorus amount
17	Wobble amount	25	Attack VEL MOD
18	Noise level	26	High cut frequency VEL MOD
19	Grain level	27	Volume VEL MOD
20	High cut frequency		

## Specifications / System requirements

Mac	Windows	iOS
64 bit AU/VST plug-in macOS 10.10+ OpenGL	64 bit VST plug-in Windows 7+ SP1 or higher	AUv3 plug-in / Standalone iPad Air 2 or better iOS 9.3+

**KLEVGR.**