

Hillman

Vintage Combo Synth



Welcome!

This is the user manual for **Hillman**, a vintage combo synth plugin instrument available for iPad (AUv3) and Mac & Windows (AU/VST/AAX). It has been designed and developed by Klevgrand, a small studio in Stockholm, Sweden.

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

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

LICENSING (DESKTOP ONLY)

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

Basic concepts

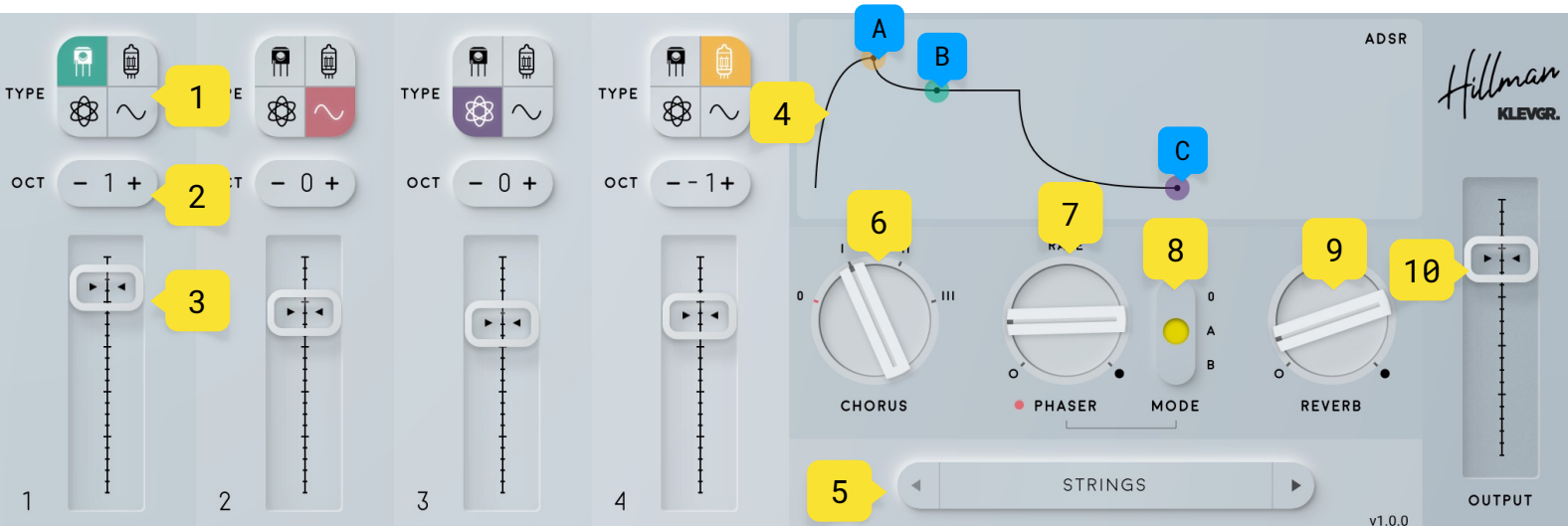
Hillman is a synthlike instrument inspired by old combo-organs, string machines and similar vintage gear.

4 voices per note, each with selectable waveform (transistorish, tubeish, sine and special plasma), octave switch and a level control.

Sounds are generated with an analog approach, but does not use samples or sampled wavetables.

User Interface

The four voices can be found to the left, and a ADSR section, FX section, preset picker and master output to the right.



1. VOICE TYPE

Transistor(ish)	Tube(ish)	Plasma(ish)	Sine
Transistor type oscillator based on square wave	Tube type oscillator based on square wave	A special (quite noisy) oscillator, inspired by plasma oscillation. Adds an analog touch.	A sine wave oscillator

2. VOICE OCTAVE

Sets the octave of the sound, ranging from -1 to 2

3. VOICE LEVEL

Controls the level of the voice.

4. ADSR ENVELOPE

An envelope generator, with times from zero, or close to zero, up to 2 seconds.

A. Attack	B. Decay	B. Sustain	C. Release
Envelope attack time.	Envelope decay time. (drag horizontally)	Envelope sustain level. (drag vertically)	Envelope release time.

5. PRESETS

A collection of tweakable presets. Click the preset title for a dropdown list, or use the arrow buttons to step through the presets. Please note that many presets rely on attack times, so you might want to retrigger you keys after selecting a preset.

6. CHORUS

A triple ensemble chorus with 3 modes (and off).

0	I	II	III
Effect is off	Light ensemble	Medium ensemble	Heavy ensemble

7. PHASER RATE

A 4-pole phaser, where this knob controls the rate of the phaser effect, ranging from 0.02 Hz to 8 Hz

8. PHASER MODE

0	A	B
Effect is off	Normal mode	Deep mode. With higher ranges and deeper notches

9. REVERB

A lush reverb effect, ranging from small rooms to large halls. This knob sets the amount of reverberation.

10. OUTPUT

Global level control.

Specifications / System requirements

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

KLEVGR.