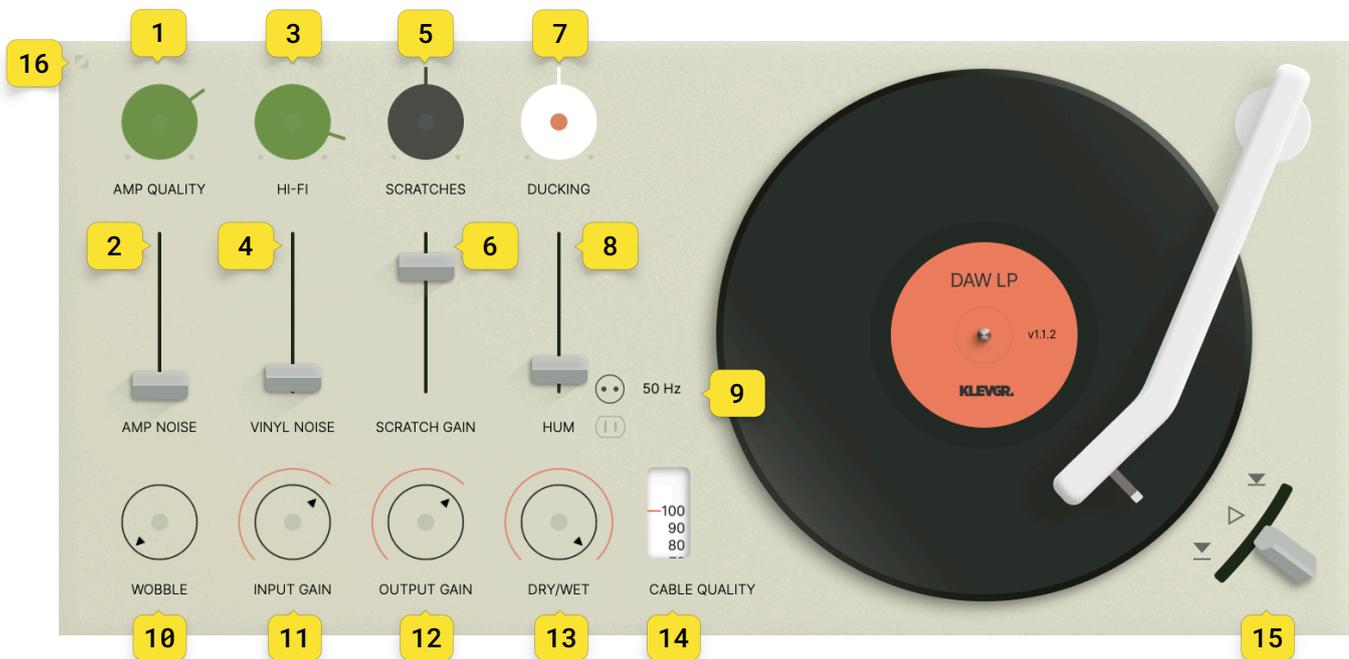# DAW LP

Vinyl Player Simulation

Welcome!

This is the user manual for DAW LP, a vinyl simulation 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.

[Read more at klevgrand.com](http://klevgrand.com)

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 or right-click to paste your license key.

User Interface

1. AMP QUALITY

Sets the quality of the RIAA amplifier. Lower value = more artifacts, higher value = less artifacts.

2. AMP NOISE

Sets the amount of amp noise in dB that is generated by the RIAA amplifier.

3. HI-FI

Sets the quality of the pickup needle. Lower value = more treble and distortion.

4. VINYL NOISE

The noise generated by the pickup needle and the vinyl disc.

5. SCRATCHES

Sets the number of scratches to be emulated on the disc. A low value dispatches fewer clicks and pops per second, and a higher value dispatches more.

6. SCRATCHES GAIN

Sets the volume in dB of the scratches to be emulated on the disc.

7. DUCKING

Controls how much the audio signal should be lowered during each scratch. A minimum value causes no ducking, and the maximum value causes a lot of ducking on the audio signal.

8. HUM

Sets the volume in dB of the electrical hum. (Select type at Power Type).

9. POWER TYPE

A switch that swaps between 50 Hz and 60 Hz electrical hum.

10. WOBBLE

Emulates a warped record and the amount it wobble as it revolves.

11. INPUT GAIN

Sets the input gain level of the incoming audio (before any emulation occurs).

12. OUTPUT GAIN

Sets the output gain level of the outgoing audio (after all emulation).

13. DRY/WET

Mixes between dry (unaffected audio) and wed (processed audio) signal. A maximum value will only output the emulated audio signal.

14. CABLE QUALITY

Emulated the quality of the audio cable between the rica and external amplifier. A low value makes the quality very low, and the maximum value simulates a "perfect" cable.

15. GENERATORS

Determines when generated audio (noise, hum, scratches) should be rendered.

16. WINDOW RESIZE

Clicking the Resize icon in the top left corner opens a drop down menu containing several fixed resize options (desktop only).

Special keys

Hold Alt/Option to finetune a value (e.g. a knob or slider).

Double-click a control to reset it to its default value.

Specifications / System requirements

Mac	Windows	iOS
64 bit AU/VST/AAX plug-in	64 bit VST/AAX plug-in	AUv3 plug-in/Standalone
macOS 10.10+ OpenGL	Windows 7+ with SP1 or higher	iOS devices running iOS 13.0 or later

KLEVGR.