

Knorr

Bass vitalizer



Welcome!

This is the user manual for **Knorr**, a bass vitalizer 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. Knorr is a plugin that adds intensity and sharpness to a monophonic low frequency audio source (like a bass). The algorithm adds overtones to an existing sound in a way that isn't possible with ordinary distortion or filtering.

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

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

LICENSING (DESKTOP ONLY)

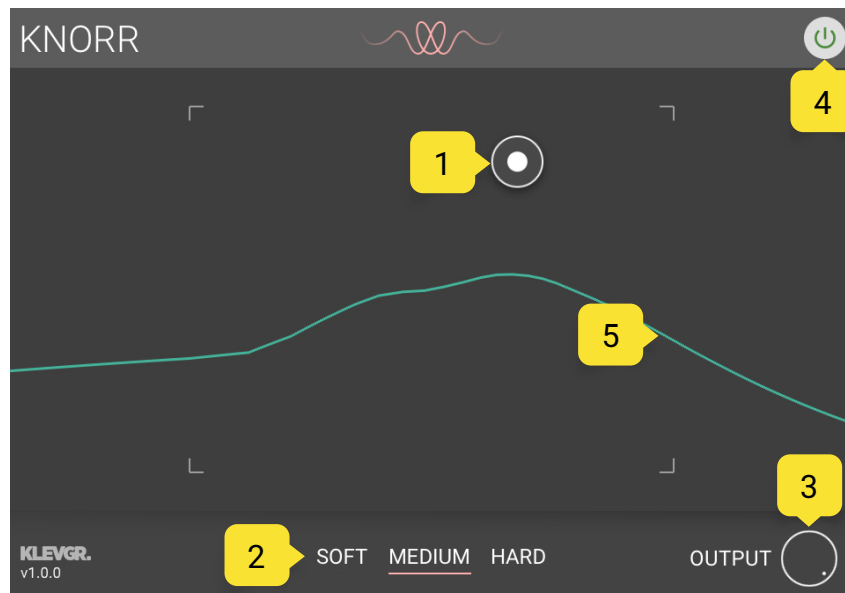
Until unlocked, the plug-in will output 1 second of silence now and then. To unlock the full version, click the Demo label (bottom left corner) and type/paste your license key.

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+

THE KNORR ALGORITHM

The internal uses a combination of filtering, amplitude modulation and frequency modulation to process incoming audio. The algorithm internal settings is developed with bass in mind, but can be used on any monophonic sound source as long as there's audio content in the low mids (and below) available.



User Interface

1. XY PAD

Controls the bandwidth and level of the signal sent to the algorithm. Drag to move the marker.

Range (X-axis)

Sets a low pass filter frequency of the signal to be processed. Spans from 100Hz – 1kHz

Level (Y-axis)

Sets the level of the low passed audio content to be sent to the algorithm.

2. BITE

SOFT / MEDIUM / HARD

Alters the amount of intensity of the modulations.

3. OUTPUT

Sets the output level.

4. BYPASS

Turns the effect on / off.

5. FREQUENCY RESPONSE

Shows the frequency response of the internal modulation signal.