

# Richter

## Tectonic Compressor



## Welcome!

This is the user manual for **Richter**, a compressor plug-in designed to achieve heavy compression without too many artifacts. Normally a heavily compressed audio signal gets distorted, and in many cases, a dreadful zipper noise is added to the output because of how the internal envelope followers are engineered. Richter is the fruit from years of experimenting, resulting in a compressor that empowers you to squeeze every bit of sonic perfection out of your tracks, from mixes and punchy drums to smooth, transparent vocal tracks.

Due to the algorithms design, a few unconventional parameters are used. First of all, one single parameter (Amount) controls how much compression will get applied. The other important parameter (Transients) controls how the internal envelope follower will react to transients vs lasting sounds. On top of that, there is a Boost-switch that makes the compressor work even harder. Richter also comes with all the expected features like makeup gain, dry/wet mix, input trim, a simple EQ and some factory presets.

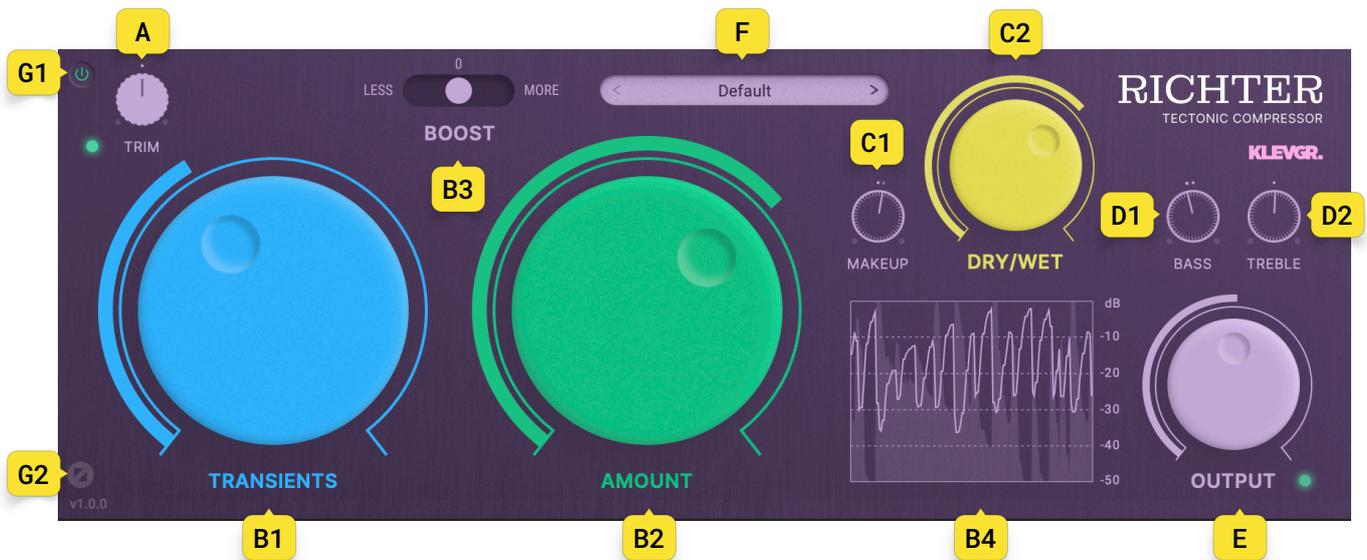
Richter is available for Mac & Windows (AU/VST/AAX), iPad and iPhone (Standalone and AUv3). It has been designed and developed by Klevgrand, a small studio in Stockholm, Sweden.

[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



- A. Signal In
- B. Compression
- C. Makeup and Mix
- D. EQ
- E. Output
- F. Presets
- G. Other

## A. SIGNAL IN

### Trim

Sets the input signal before it reaches Richters compression, from -18dB to +18dB.

The indicator lights up in green when the input level is optimal.

## B. COMPRESSION

### B1. Transients

Sets the amount of transients. A high value results in more transients and a low value results in less.

### B2. Amount

Sets the amount of compression in percent (0% equals none, and 100% equals max compression).

Double-click the knob to reset to its default state.

### B3. Boost

Alters the total range of the amount of compression.

Less - sets the the max value of the Amount knob to go shorter.

More - sets the max value of the Amount knob to go further.

## B4. Graph

Shows the amount of compression in dB over time. The white line represents the amount of compression, and the grey filled form represents the internal side chain signal.

## C. MAKEUP & MIX

### C1. Makeup

Makeup gain for the compressed signal, between -12 dB and +12 dB.

### C2. Dry/Wet

Sets the mix between the dry (unprocessed) signal and the wet (processed).

## D. EQ

### D1. Bass

Sets the amount of low frequencies of the wet (processed) signal, from -12 db to +12 dB.

### D2. Treble

Sets the amount of high frequencies of the wed (processed) signal, from -12 db to +12 dB.

## E. OUTPUT

### Output

Sets the overall output volume from -inf dB to 6 dB.

## F. PRESETS

### Preset menu

Click to reveal a menu with factory presets and user presets. A presets can alter every part of the full state of of the plug-in.

### Save preset

When a user preset has been modified, this button is available. It will save the preset to current state.

### Save as...

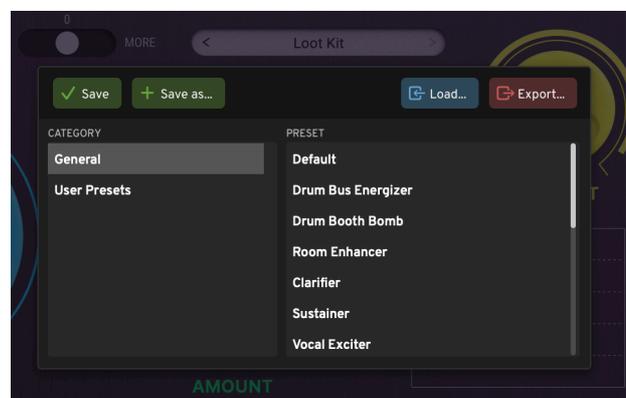
Click to save the current state into a new user preset.

### Load...

Click to load a preset from an external file.

### Export...

Click to export a preset into an external file.



## G. OTHER

### G1. Plug-in Bypass

Bypass the whole plug-in without changing latency. Useful for A/B testing.

### G2. Window size

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

## Other info

Please note that Richter adds 13 ms latency.

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

**KLEVGR.**