KickbAss 0.33 user manual

Installing JS plugins on macOS

Create a folder "mrelwood" in:
~/Application Support/REAPER/Effects/
and move the folder "KickbAss" in there.

Installing JS plugins on Windows

Create a folder "mrelwood" in:
C:\USERS\<username>\AppData\Roaming\Reaper\Effects\
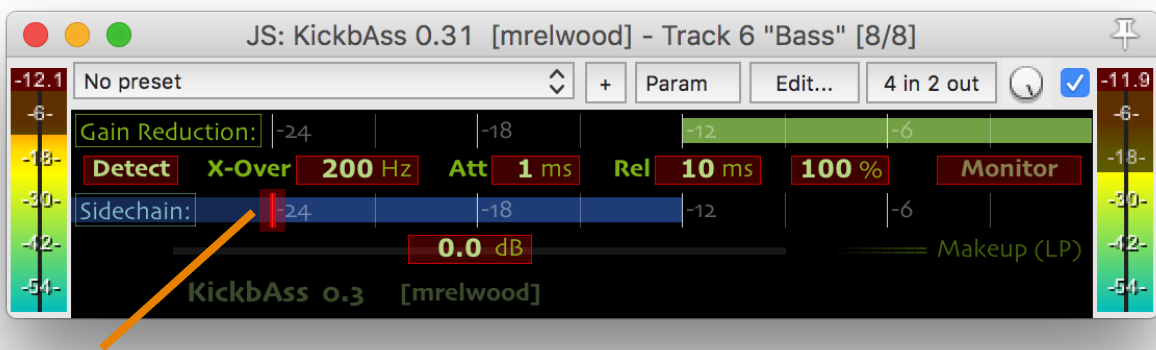and move the folder "KickbAss" in there.

Restart REAPER for the plugin to appear in the plugin list.

KickbAss introduction

KickbAss was made for a single purpose but is well suited for several. KickbAss compresses the low-passed portion of audio based on the volume of either a sidechain signal or the original audio.

Existential purpose for KickbAss is to compress bass guitar based on the kick drum, effectively decreasing low-frequency build-up for a tighter mix. For this purpose KickbAss is designed to be inaudible as an effect, but be warned, bypassing the effect will clearly bring the issues back!

KickbAss works equally well as a versatile stand-alone low-pass (up to 4KHz) compressor.

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Threshold slider

KickbAss features

Detect button switches the compressor detector input between Sidechain and Main Input. Requires a double-click to avoid accidental switching.

X-Over slider (50–4000 Hz) sets the crossover frequency for the low-pass filter.

Attack (1–50ms) and **Rel**ease (5–200ms) sliders set the relevant processing times for the compressor.

Ratio slider (0–300 %) sets the strength of the compressor. 100% achieves as much gain reduction as the threshold level is surpassed.

Monitor button switches the output source between the main output, LP Monitor, and HP Monitor.
Requires a double-click to avoid accidental switching.

Threshold (-30 – 0 dB) slider adjusts the threshold which needs to be exceeded at the detector input for the compressor to activate.

Makeup (LP) slider (+-12 dB) sets the output volume of the LP band.

Double-click any slider for the default setting, or **single-click** to cycle through two alternate preset values.
Hold Cmd, Alt or Shift while dragging for **precise** adjustment.

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KickbAss Usage

1) Insert KickbAss to a bass guitar track.
2) Create a send (0dB) from the kick drum track to the bass guitar track channels 3-4. (Channels can be added and set at the send parameters.)

KickbAss will do it's magic just like that! If the kick drum volume is very high or low, adjust the Threshold slider to achieve a suitable amount of gain reduction. -12dB is a good starting point. KickbAss at it's default settings is a fast compressor, so even a -24dB gain reduction will recover before the kick drum decay is over. In this usage a gain reduction below

For stand-alone usage double-click the **Detect**or button. The Sidechain level meter turns to Main Input level meter, which is low-passed to feed the compressor detector input.

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