

Drum Enhancerz Two

Ableton Live Pack by PerforModule
User Manual



Effect racks specially suited for specific drum instruments.

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Device List

Includes seven **Tuned Enhancer** effect racks fine-tuned for specific drum instruments, here listed in order of average fundamental frequency focus from lowest to highest:

Tuned Kick Enhancer.

Tuned Tom (Floor) Enhancer.

Tuned Tom (Low) Enhancer.

Tuned Tom (Mid) Enhancer.

Tuned Tom (High) Enhancer.

Tuned Snare Enhancer.

Tuned Cymbal Enhancer.

Each provides the ability to tonally sculpt standard drum types with enhancement points carefully chosen based on deep research into optimal drum element frequency curves.

For example, the Tuned Snare Enhancer will provide the perfect boost points for a satisfying wallop and thwack typical of the best-sounding snare drums. Etc...

Built-In Help:

For handy info on loaded devices and macro controls, mouse-over stuff while the info box is open in the lower left-hand corner of the screen ("?" keyboard shortcut).

Macro Variation Presets:

Each of the Tuned Drum Enhancer racks includes some macro variations that are mimicking the tonal focus points of choice drummers in select songs.

As one quick example, you might move your snare sound more closely towards the tasty low-end thump of Al Jackson's snare from Al Green's timeless piece *Let's Stay Together*.

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Continue to the following pages for the effect rack overviews.

Tuned Kick Enhancer



Provides tuneable **Sub** and saturated parallel **Thud** boost points, plus synergized **Space** layer.

Macros

Macro 1: **Sub Boost.**

Increases the lowest earth-shuddering depth. Set the focus with Sub Tune.

Macro 2: **Sub Tune.**

Sets the frequency focus of the Sub Boost and the SubKickVerb, from 18.4 to 36.7 Hz.

Macro 3: **Thud Boost.**

Increases the kick fundamental and simultaneously injects Parallel Thud. Set the focus with Thud Tune.

Macro 4: **Thud Tune.**

Sets the Thud Boost's focus, from 43.7 to 63.7 Hz.

Macro 5: **Thud Gnarl.**

Adds drive and saturation to the Parallel Thud chain, with a touch of octave-above enhancement.

Macro 6: **Space Boost.**

Adds in some Subonated SubKickVerb, which harmonizes with the Sub Tune's frequency focus setting.

Macro 7: **Tail Length.**

Affects the Decay of the Boom Bass and Subonators, as well as various SubKickVerb parameters.

Macro 8: **Bristle Reduce.**

A simple EQ dip for a more natural sound and to clear up some upper-mid headroom for other instruments.

Macro 8: **Bristle Tune.**

Sets the focus of the typically less-present upper-mid kick tone.

Macro Variations

You are given presets to get your sound a bit closer to that of Al Rogers' kick on the Bobby Hebb song *Sunny*, Dave Lombardo of Slayer's kick, Neil Peart's kick on the Rush song *YYZ*, Brad Wilk of Rage Against the Machine's kick, the sub in Run The Jewels mixes by El-P, and the kick drum sound from the Enigma song *Sadeness* produced by Michael Cretu.

The Tuned Tom Enhancers (x4)



Provides tuneable **Fundamental** and **Poke** boost points, plus synergized **Surface** layer.

Macros

Macro 1: **Boost.**

Enhances a key lower to lower-mid frequency tone whose range is optimally tuned specifically for the given type of tom.

Macro 2: **Tune.**

Sets the frequency focus of the Boost, the Harmonic Generator, and the Surface Membrane, based on tom type.

Floor: 65.4 to 92.5Hz; Lo: 77.8 to 147Hz; Mid: 104 to 175Hz; Hi: 131 to 220Hz.

Macro 3: **Surface.**

Provides ReSurfonance: a solid parallel resonant fundamental tone generated by a single Spectral Resonance harmonic running into a Membrane Surface Corpus emulation.

Macro 4: **Tail.**

Affects the decay length of the Generated Harmonic as well as the Membrane Surface.

Macro 5: **Poke Boost.**

Sets the amount of focused light upper-mid frequency emphasis.

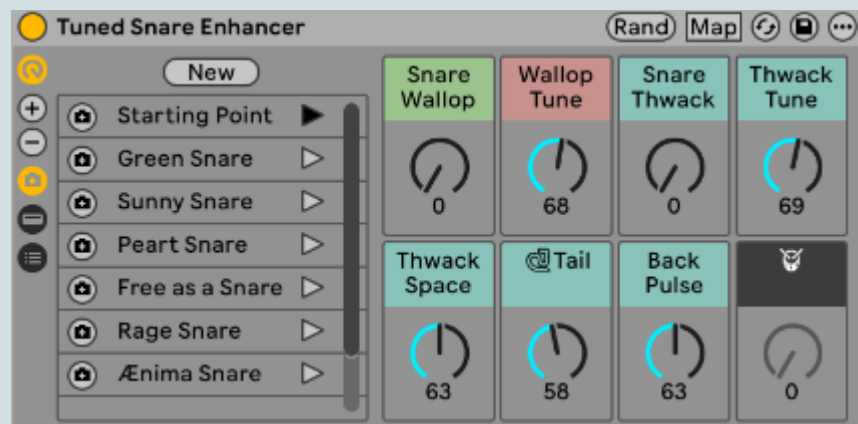
Macro 6: **Poke Tune.**

Sets the focus of the Poke Boost. Floor: 784Hz to 1.5kHz; Lo: 1 to 2kHz; Mid: 1.2 to 2.4kHz; Hi: 1.6 to 3kHz.

Macro 7: **Human Eyes.**

Adds some modulation to the ReSurfonance parallel layer.

Tuned Snare Enhancer



Provides tuneable **Wallop** and **Thwack** boost points, plus synergized **Space** layer, as well as nifty **Backbeat Pulse** function.

Macros

Macro 1: **Snare Wallop.**

Provides that ever-important snare thump usually tuned somewhere around 200Hz.

Macro 2: **Wallop Tune.**

Ranges from 156 to 294 Hz.

Macro 3: **Snare Thwack.**

Provides that ever-important snare snap usually tuned somewhere around 750Hz.

Macro 4: **Thwack Tune.**

Ranges from 523 to 988 Hz.

Macro 5: **Thwack Space.**

Amount of gritty source-reactive reverb added to (and tuned along with) the Snare Smack.

Don't hear it? Increase the Snare Smack setting. [Fun fact: this method of generating reverb was used in the PerformModule Vocoverb device once featured on the Ableton website homepage.]

Macro 6: **Tail.**

Affects the length of the Thwack Space, the timing of a gate on the added Parallel Thump signal, and the envelope of the Back Pulse.

Macro 7: **Back Pulse.**

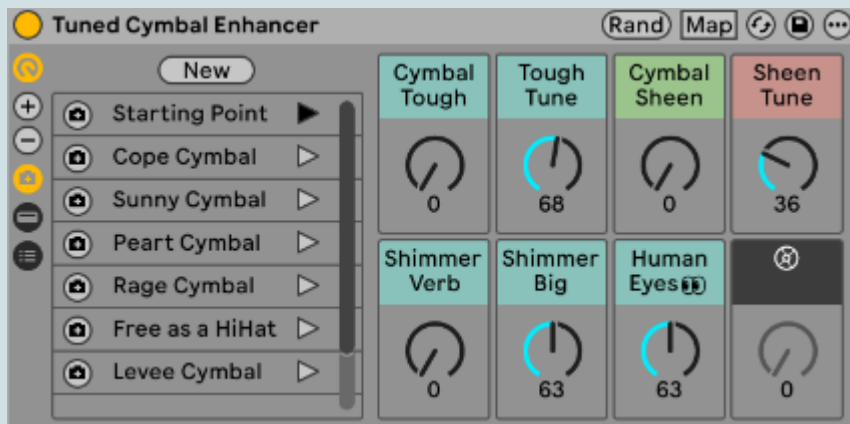
Makes various parameters pulse in intensity — in time with the backbeat!

Note that it will decrease the overall average intensity, so you may want to re-adjust Wallop and Thwack after applying.

Macro Variations

You are given presets to get your sound a bit closer to that of Al Jackson's phat snare found on Al Green tracks, Al Rogers' snare on Bobby Hebb's *Sunny*, Neil Peart's general snare sound, the snare in the Beatles song *Free as a Bird*, Brad Wilk of RATM's general snare sound, and Danny Carey's snare sound on the Tool album *Ænima*.

Tuned Cymbal Enhancer



Provides tuneable **Toughness** and **Sheen** boost points, plus synergized **Shimmer** layer.

Macros

Macro 1: **Cymbal Toughness.**

Enhances a key lower-frequency tone whose range is optimally tuned specifically for cymbals. It includes a focused EQ boost as well as affecting the lowest frequencies of any applied Shimmer.

Macro 2: **Toughness Tune.**

Tunes the Cymbal Toughness from approximately 622Hz to 1.17kHz, as well as adjusting the Shimmer's low cut to half of the chosen value.

Macro 3: **Cymbal Sheen.**

Enhances a key upper-frequency tone whose range is optimally tuned specifically for cymbals. It includes a boost curve that is formulated with three carefully-combined high shelves, augmented with subtle HF-reactive expansion and LF-reactive compression.

Macro 4: **Sheen Tune.**

Tunes the Cymbal Sheen and the Shimmer's high diffusion focus from approximately 7.2kHz to 11.5kHz.

Macro 5: **Shimmer Verb.**

Adds in some parallel Shimmer Verb, tuned to match the Toughness and Sheen selections.

Macro 6: **Shimmer Big.**

Adjust the overall size of the Shimmer Verb layer with alteration of various parameters.

Macro 7: **Human Eyes.**

Increases modulatory movement to the Shimmer Verb's tail as well as a degree of dynamic source reaction to the Sheen boost.

