FULL FX MEDIA

IMPAKT

User Manual

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Welcome to Impakt

Thank you for choosing **Impakt**, the multiband transient shaping plugin from **Full FX Media**. Impakt is designed as a flexible transient shaper that can be used on a broad range of drums, vocals, synthesizers and miscellaneous sounds.

Impakt splits your signal into two independent frequency bands using a crossover. Each band has its own transient detector, giving you precise, independent control over the attack and sustain of each frequency region. Sharpen the crack of a snare without affecting the low-end thump, or tighten up a bass guitar's body while leaving its attack untouched.

In addition, there are four parametric fine tuning controls that give you gain controls for more finer detail. Boost or cut attack to add punch or soften transient hits, and adjust sustain to thicken the tail or tighten the decay, all with per-band precision.

Impakt ships as AU, VST3, LV2, and CLAP, compatible with all major DAWs on macOS, Windows, and Linux.

Installation & Activation

Download the Impakt installer from your Full FX Media account. You can view your licensed products at the product panel located here. This also provides access to installer downloads

macOS
• Open the *pkg* installer and follow the on-screen instructions.

Windows
• Run the *exe* installer and complete setup.

Linux
• LV2: Copy the lv2 folder to your VST plugin directory (commonly ~/.lv2/).
• VST3: Copy the .vst3 folder to your VST3 directory (commonly ~/.vst3/).

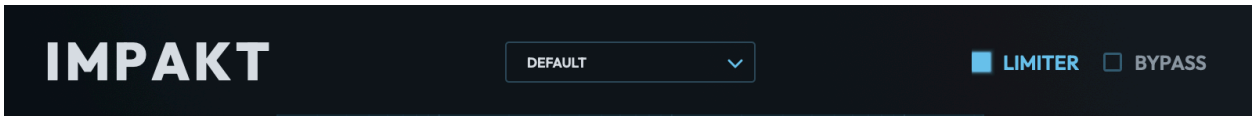
Restart your DAW and rescan plugins if required.

After installation, open your DAW and load Impakt. An activation screen will appear and require login to your account. You can also select offline activation. Following successful login, the activation page will disappear and the plugin will be unlocked. If you encounter any issues please e-mail support@fullfxmedia.com.

Controls

The main interface of Impakt is divided into four sections.

Limiter/Bypass Controls



The top section of Impakt has the following from left to right

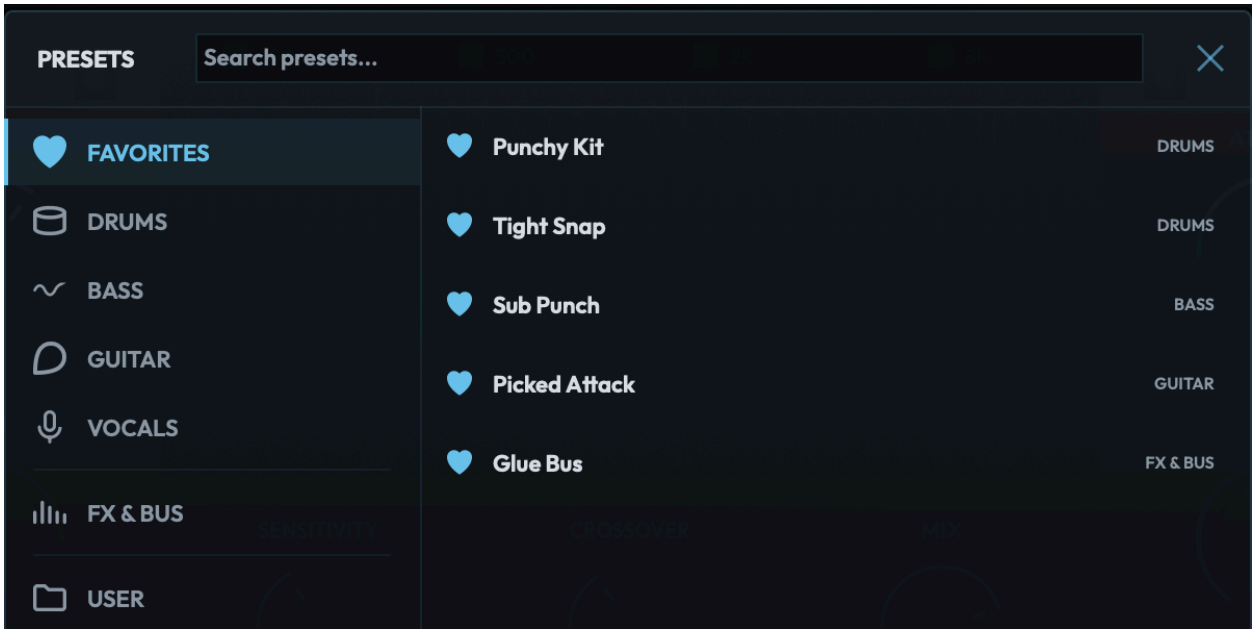
Preset Dropdown: Click here to open the preset menu. More information of preset management is found below

Save Preset Button: Click the save icon to open the Save Preset modal. Provide it a name and it will appear under the “User” section of the preset menu.

Limiter Toggle: Click here to enable/disable the built-in limiter. This is a hard limiter thats applied to output signal. This is often enabled when attack settings are at the higher levels. Higher attack values often push the audio signal and can produce audio that crosses 0db.

Bypass Toggle: Click here to enable/disable bypass mode. When bypass is enabled, the audio waveform visualizer still shows the audio signal going through the plugin but with no processing applied. The boosted/cut signals will no longer show in the visualizer and no audio will be modified by Impakt.

Preset Menu



The preset menu contains predefined options for various transient settings. You can add a preset to the favorites menu by clicking the blue heart icon next to any preset, remove from favorites by clicking the heart icon in the Favorites group.

To delete saved presets, select “User” in the left sidebar menu and then click the trash icon next to the relevant preset.

All settings related to presets and settings in the options menu are persisted are located at the following paths for your operating system:

- **macOS**: ~/Library/Application Support/FullFXMedia/Impakt/
- **Windows**: %APPDATA%\FullFxMedia\Impakt\
- **Linux**: ~/.config/FullFxMedia/Impakt/

Low Band and High Band Transient Controls

Low and High band transient controls are on the left and right sides of the plugin respectively. Both have the same controls but are applied to the audio signal below and above the crossover chosen. To the left and right of the title at the top is a round light up indicator that will indicate if a transient has been detected. This is useful to adjust the sensitivity to dial in how the transients should be detected on the relevant instrument or effect.

Low Attack Knob

The low attack Knob controls how much the attack transient is boosted or cut in the low frequency band. Positive values punch up the initial hit of kick drums and bass.

Negative values soften the low end attack for a rounder, more controlled feel. Displayed as a percentage of the full ±12 dB range.

High Attack Knob

The high attack knob controls the same as Low Attack but applied to the high frequency band. Use this to sharpen or tame the crack and snap of snares, hi-hats, and high-frequency transient content independently of the lows.

Low Sustain Knob

The low sustain knob shapes the tail and body of the low-frequency band after the initial transient. Positive values lift and extend the low-end sustain (more room/weight).

Negative values tighten and suppress it (drier, punchier). Displayed as a percentage of the ±1.5 range.

High Sustain Knob

The high sustain knob controls the same as Low Sustain for the high-frequency band. Boost to add air and presence to the tail, or cut to clean up cymbal wash and high-frequency ring.

Solo Toggles

Mutes the opposite band so you can audition only the low or high band in isolation. Mutually exclusive — enabling one automatically disables the other.

Main Visualization and Global Controls

Transient Reactive Parametric EQ Bands

Besides the two main low and high end transient detectors, there are four frequency band transient detectors that react to transients detected in those frequency ranges.

Impakt runs a bandpass filter at the band's frequency, runs a transient detector on that filtered signal, and then adds back a boost/cut proportional to the transient amount at that frequency.

The center of the band is indicated by the numbers along the top of the main visualization. 100hz, 500hz, 1khz and 8khz. The Q knob controls the width of the bell curve and the Gain knob controls the amount of transients to boost or cut in that range. Deselecting the toggle at the top will toggle that frequency band on/off.

Sensitivity

Controls how aggressively the transient detector responds to incoming audio. Higher values cause the plugin to detect and react to smaller, subtler transients. Lower values make it focus only on more prominent hits. Affects both bands simultaneously.

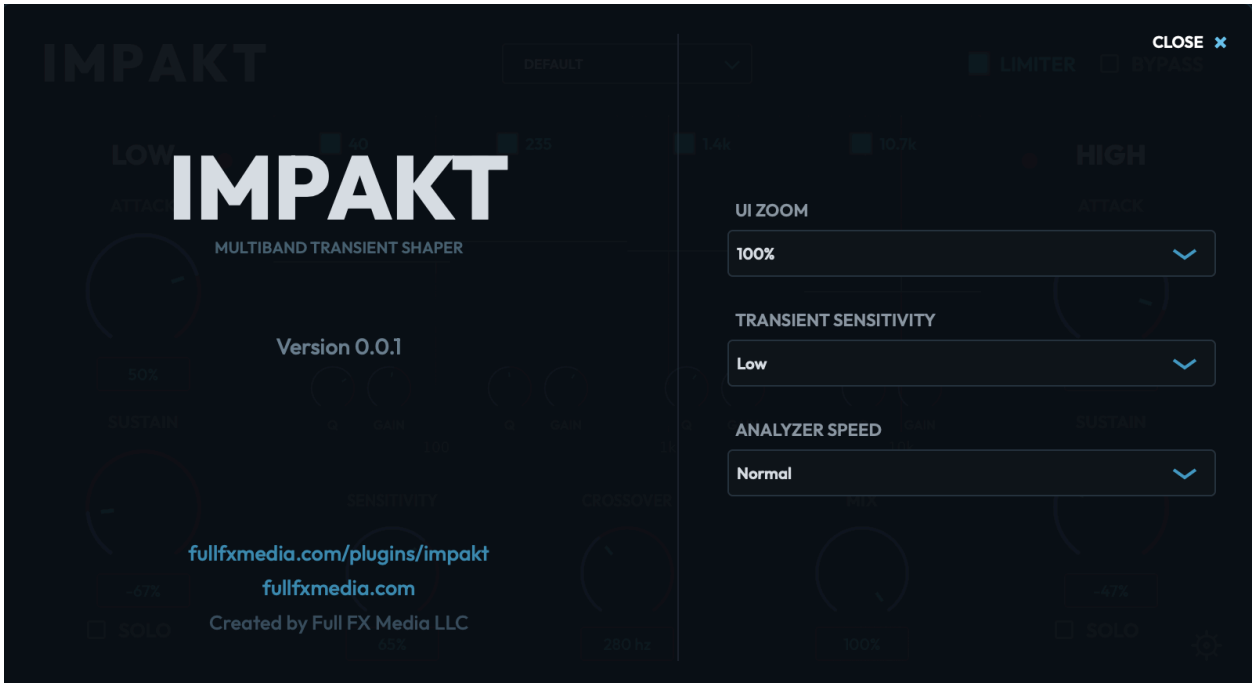
Crossover

Sets the frequency in Hz where the signal is split into the low and high bands. Everything below this frequency is processed by the Low controls on the left; everything above by the High controls on the right. Ranges from 40 Hz to 20 kHz. The default is 1 khz.

Mix

Wet/dry blend between the processed signal and the original unprocessed signal. 100% is fully processed, 0% is fully dry. Useful for parallel transient shaping without committing fully to the effect.

Credits and Settings Menu



UI Zoom

Scales the entire plugin window. Persists across sessions. Use higher values on high-DPI or 4K displays, or lower values if you prefer a compact footprint in your DAW.

Transient Sensitivity

Controls the threshold at which the transient activity LED indicators light up. Low requires a strong, clear transient before the LEDs respond and are best for reading only the most prominent hits. Medium is a balanced middle ground. High makes the LEDs react to subtle transients. Default is Low. This setting is display-only and does not affect audio processing.

Analyzer Speed

Sets how quickly the spectrum analyzer reacts to and decays from incoming audio. Slow gives a smoother, more averaged view useful for reading steady-state tone.

Support

Thank you for choosing Impakt and Full FX Media.

For support, updates, and documentation, visit:

- Website: **https://fullfxmedia.com**
- Impakt: **https://fullfxmedia.com/plugins/impakt/**
- E-mail: **support@fullfxmedia.com**
- Instagram: **https://www.instagram.com/fullfxmedia/**
- YouTube: **https://www.youtube.com/@fullfxmedia**