

Techivation T-Puncher

User Manual



The screenshot displays the T-Puncher software interface, which is a Musical Transient Enhancer. The interface is dark-themed with gold and white accents. At the top, the title "T-Puncher" is prominently displayed. To its right are icons for power, A/B comparison, and a menu. Below the title bar, a control bar shows the current mix level at "100%", the selected "Default Preset", and "undo" and "redo" buttons. The main control area features two vertical gain sliders for "Input" and "Output", both currently set to 0.0 dB. A large central circular gauge indicates the "PUNCHINESS" level, which is currently at 0%. Below this gauge are several control elements: "stereo link" and "soft clip" buttons; "Attack" and "Smoother" knobs set to 50% and 20% respectively; "solo" and "stereo" buttons; and "Soft" and "Hard" clipping mode buttons. At the bottom of the main area is a "Filter" slider ranging from 40 Hz to 20.0 kHz. The footer contains the "Techivation" logo and the text "Musical Transient Enhancer".

Techivation T-Puncher

Overview

Techivation T-Puncher is an innovative transient shaper plug-in designed to help you control punch and impact while maintaining a natural and musical sound. Do you need to give your kick drum more attack? Or a snare that cuts through the mix but is still warm and full bodied? Or bring out the detail in strings by rounding off those harsh transients? T-Puncher makes it easy to add subtlety or go all the way to achieve a dramatic effect, whether you're using it on individual sounds or mixes as whole. With its simple interface, great sound quality, and versatile features, Techivation T-Puncher is a powerful and essential tool for professional sound engineers, and music producers working in any genre of music.

Techivation T-Puncher

Features

- Major Punchiness Control
- Smoother (Saturation)
- Attack Control
- Effect Modes
- Frequency Range Control
- Mid-side Processing
- Solo Button (delta-listening)
- Soft Clip Option
- Stereo-Link
- Oversampling set at 4X
- Input/Output Controls
- A/B Switch
- On/Off Button
- Presets
- Dry/Wet Mix
- Undo/Redo Options
- Scalable GUI (80% to 150%)
- Menu

Techivation T-Puncher

Major Punchiness Knob

The Punchiness knob in T-Puncher lets you reduce or increase the amount of punchiness in sounds. By default it is set at 0%, which means the plug-in doesn't affect the punchiness amount. It can go from 0 to -100% for less punchiness or 0 to 100% for adding extra punchiness.

The amount of punchiness can vary when you have "Soft" or "Hard" modes selected. That means 100% while "Soft" mode is selected is more gentle than 100% of Punchiness while "Hard" mode is selected.

It also adds the punchiness to the frequency range that you choose using the Frequency Range slider, from 20Hz to 20kHz.



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Smoother (Saturation)

T-Puncher “Smoother” feature allows you to add a unique saturation to the selected frequency range that you’re adding or reducing the punchiness from. It is a great option for rounding off aggressive transients. You can choose to go subtle or more aggressive with this feature, and set it from 0 to 100%.

Attack Control

The Attack knob in T-Puncher lets you bring the transients and peaks of the sounds to the front of the mix or push them deeper into the mix. It’s a very powerful feature for achieving various artistic and unique sounds and overall mix.



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Effect Modes

You can choose to have “Soft” or “Hard” modes selected in T-Puncher. “Soft” mode gives you a more subtle result while changing the Punchiness amount, while “Hard” mode is designed to give you a more aggressive sound.

Frequency Range Control

The frequency range control allows you to choose a range of frequencies from 20Hz to 20kHz for controlling the punchiness and shaping the transients. For example, if 40Hz to 300Hz is selected, the changes in the plug-in apply to that frequency range only. So if you just want to enhance the kick drum hits in a mix, you can find the frequency range of that kick drum and apply the effect to the kick drum only.

*Note: The solo button lets you hear the frequency change in solo for a more accurate choice.

*Note: The dry/wet mix knob, can be a really cool help while you have this control, as you can choose to mix the punchiness added to a certain frequency range with the overall dry signal.



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Mid-Side Processing

Mid-Side Processing This section of the T-Puncher plug-in lets you choose between stereo/mid/side.

Stereo: When selected the plug-in affects the both mid and side signals on stereo tracks.

Mid: When selected the plug-in only affects the sounds in the center (or mid).

Side: When selected, the plug-in only affects the sounds on the side of a stereo track.

Solo Button

When this button is selected you will only hear the processed audio signal path post frequency range filter. This feature is essential for finding the right frequency range to set.



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Soft Clip

The soft clip option prevents the sound from being distorted when choosing aggressive settings, gently and smoothly. This option can be on or off to your choice.

Stereo Link

You can choose to have the Stereo Link option engaged or disengaged in T-Puncher. When engaged the overall punch effect is controlled by the loudest channel (left or right) and applied to both channels.



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Oversampling 4X

Oversampling in T-Puncher helps you decrease aliasing by executing the internal process at a higher sample rate than the host at 4 times higher. (In other words, it will improve the quality of your audio.)

We use the latest oversampling processing technology to keep the plug-in very light on CPU, even though it's always set at 4X!

Undo/Redo Options

Undo and Redo options are built inside the plugin so you no longer need to worry about losing setting values.



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A/B Switch

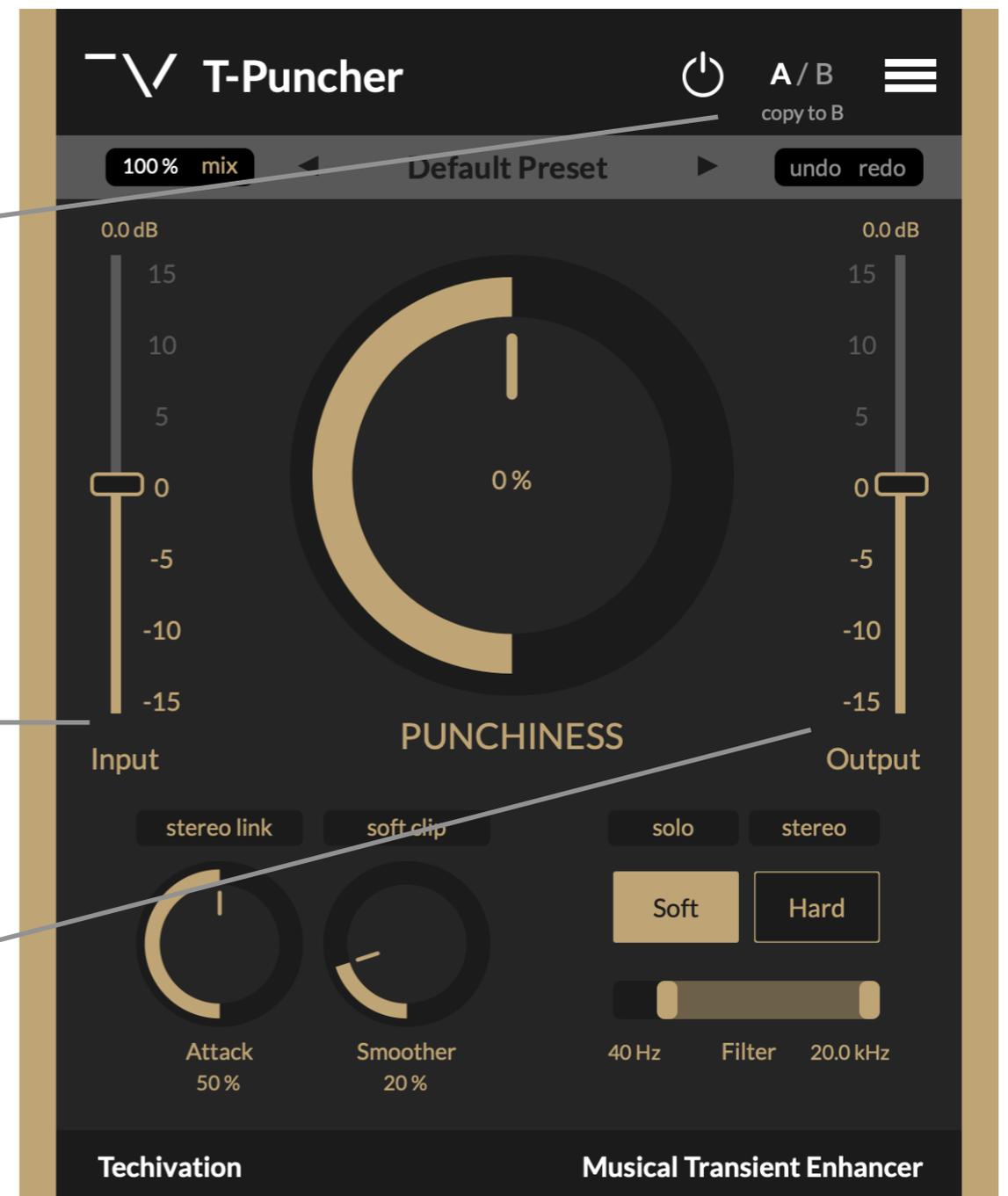
Quickly and simply compare different settings to find out which would fit better. The “Copy to B” allows you copy over the settings you’ve made in the A version, to see how small tweaks would sound in comparison.

Input Level

Reduce or increase the input volume level in dB.

Output Level

Reduce or increase the output volume level in dB.



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On/Off Button

Bypass button enables or disables the plugin's effect on the output sound smoothly and click free.

Menu

A quick menu of useful features:

- GUI Scale
- Hide/Show Tooltips
- Plug-in activation
- Account info
- About T-Puncher
- Support

GUI Scale

The GUI scale may range from 80% to 150%.



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Save - 'Default'

Saves your current plug-in settings as the default.

Show Presets Folder...

Opens the folder where presets are located.

Presets

Allows you to load presets from the T-Puncher's built-in preset menu.

Save Preset As...

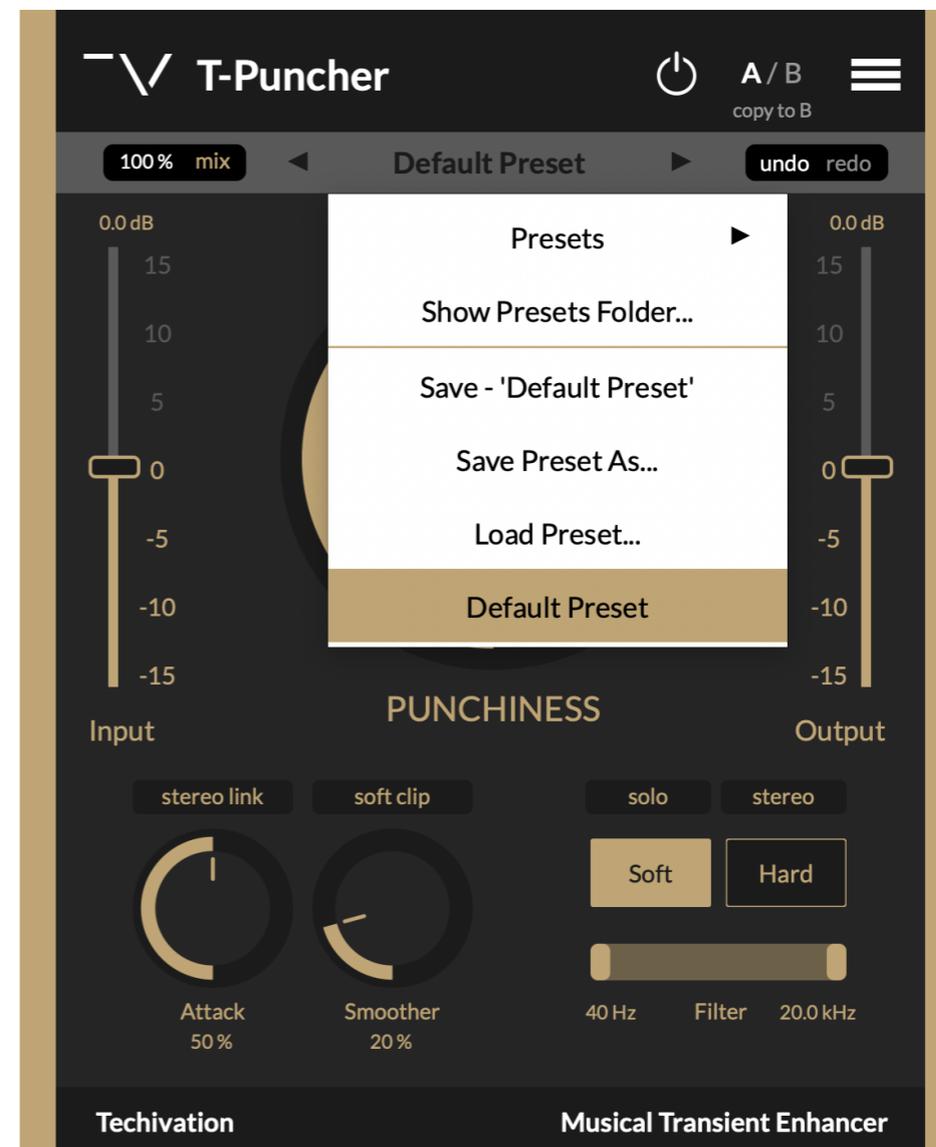
Allows you to save your own custom presets in your computer's presets folder.

Load Preset As...

Allows you to load presets from your computer's presets folder.

Default Preset

Loads the default preset.



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Hide/Show Tooltips

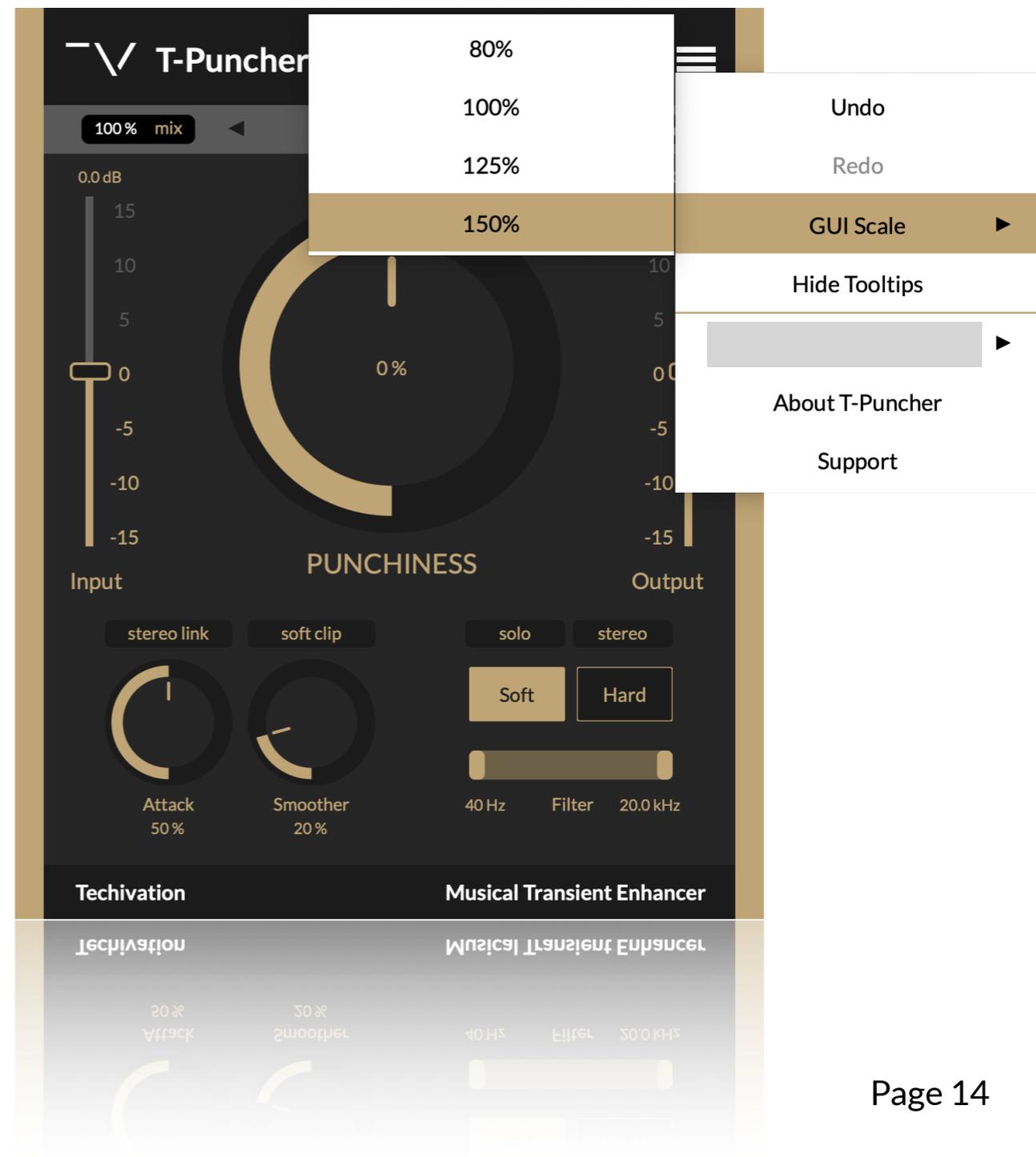
This option lets you choose whether to see or not see the tooltips when you hover your mouse on different features on the Graphic User Interface.

About T-Puncher

This window can be opened from the plug-in's menu and contains brief information about your current plug-in version, new plug-in updates and quick access to the support page.

Support

This will quickly take you to the Techivation support web page, in case you need help with anything.



Techivation T-Puncher

Compatibility

Windows 7 and up as 64-bit VST and VST3, and 64-bit AAX (PT11 and up).

Mac OS X 10.11 (OS X El Capitan) and up as 64bit VST, VST3, and AU, and 64-bit AAX, Intel, and Native M1

DAWs supported: Ableton Live, Logic Pro, Avid Protools, FL Studio, Cubase, Nuendo, Reaper, Reason and other major DAW softwares on the market.

Support

For any support inquiries check out techivation.com/support

Check out techivation.com/terms-conditions to learn more about the rights.

If you have any questions, feel free to reach out to us via email. info@techivation.com

Installation

A software download button appears in your Techivation account on techivation.com after your purchase. You can always go to [our website](https://techivation.com), log in to your Techivation account and download the plug-in installers.

After downloading, unzip the file and select either Mac or PC depending on your system. (Warning: don't run the PC file on a Mac and vice-versa).

- Mac: Double click on the PKG installer and follow the instructions
- PC/Windows: Double click on the setup file and follow the instructions

T-Puncher Activation

Activating T-Puncher is simple. After you make the purchase, you download the installers from your [Techivation account](#), install it on your system, and you can just sign in to the plug-in using your Techivation account's email and password to have it activated on your system.

As you activate it, you can continue using the plug-in on your system while being offline too, but you need to be online for the first time activation.

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Uninstall Locations

MAC OS

AU: /Library/Audio/Plug-ins/Components/

VST: /Library/Audio/Plug-ins/VST/

VST3: /Library/Audio/Plug-ins/VST3/

AAX: /Library/Application Support/Avid/Audio/Plug-Ins/

Other data: ~/Library/Application Support/Techivation

WINDOWS

VST: Custom path from installer

VST3: \Program Files\Common Files\VST3\

or \Program files(x86)\Common Files\VST3

AAX: \Program Files\Common Files\Avid\Audio\Plug-Ins\

Other data: C:\ProgramData\Techivation "Note: this folder is hidden so you need to change your settings to see the hidden files first."