

Techivation T-Clarity

User Manual



The image shows a digital audio processing interface for 'T-Clarity'. At the top left is the 'T-Clarity' logo. To its right are a power icon, 'A/B' comparison mode, and a menu icon. Below 'A/B' is the text 'copy to B'. The main interface features a large central circular meter labeled 'PROCESSING' showing a value of '-20.0 dB'. To the left of this meter is a vertical 'Output' slider ranging from -10 to 20, with a knob at 0. To the right is a vertical 'Level' slider ranging from -60 to 0. Below the 'PROCESSING' meter are two circular meters: 'Intensity' with a ratio of 2.0:1 and 'Sharpness' with a value of -10.0 dB. To the right of these are four buttons for 'Frequency Range': 'Mid', 'Hi-Mid', 'Low', and 'Lo-Mid'. The 'Mid' button is highlighted. At the bottom, the interface is branded with 'Techivation' on the left and 'Midrange Frequency Enhancer' on the right.

Techivation T-Clarity

Features

- Processing Knob
- Intensity
- Sharpness
- Scaleable Graphic User Interface (GUI)
- Undo/Redo Options
- A/B Switch
- Output Level
- Level Meter
- Frequency Range Modes
- On/Off Button
- Menu
- Audition: diff & filter
- Oversampling up to 16X

Techivation T-Clarity

Overview

The Techivation T-Clarity's graphical interface is designed to enable the users to make rapid and precise audio processing. For a better user experience, the scale may range from 80% to 150%.

The T-Clarity helps you with cleaning the muddiness and boxiness of the sounds. It is a powerful tool for making your mid-range sound more solid and consistent. T-Clarity enhances the quality of audio mid-range musically, and it's considered an essential tool along with the T-De-Esser for any audio processing tasks.



Techivation T-Clarity

Processing Knob

The Processing setting determines how much level can pass through the plug-in before compression is triggered to start cleaning the unwanted muddy and boxy sounds. Lower the processing until gain reduction starts to occur. Then listen as you adjust the processing. Find the point at which the mid or upper mid-range is controlled without extremely audible compression.

Quick tips:

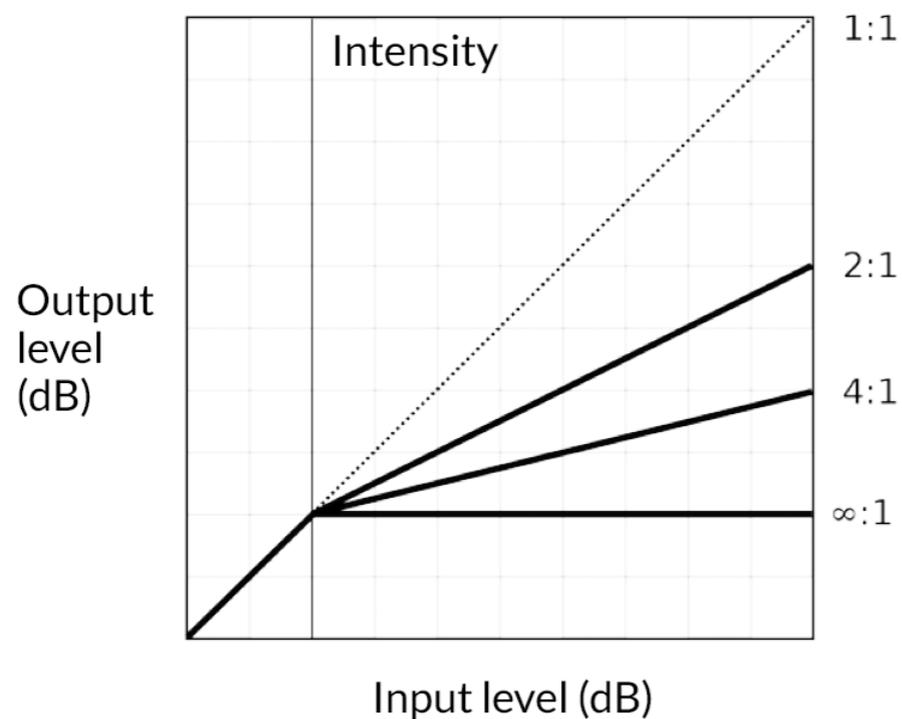
- Double clicking on Processing knob will set back its value to default.
- Double clicking on Processing knob's value number, will allow you to type in your preferred value.



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Intensity

The T-Clarity's "Intensity" determines how much gain reduction the T-Clarity applies when the signal passes a threshold level. For example, an **intensity** of 4:1 means that for every 4 dB the signal rises above the threshold, the plug-in will allow an output of 1 dB.




The screenshot shows the T-Clarity software interface. At the top, there is a power button, A/B comparison, and a menu icon. The main display features a large circular gain reduction meter set to -20.0 dB, with a vertical slider on the left ranging from 0 to -10 dB and a vertical level meter on the right ranging from 0 to -60 dB. Below the meter, the word "PROCESSING" is displayed. The interface includes several control knobs: "diff" (set to 2.0:1), "Intensity" (set to 2.0:1), "Sharpness" (set to -10.0 dB), and "filter" (set to Mid). There are also buttons for "Hi-Mid", "Low", and "Lo-Mid" under the "Frequency Range" section. The bottom of the interface shows the "Techivation" and "Midrange Frequency Enhancer" branding.

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Sharpness

The “**Sharpness**” refers to how the **plug-in’s** transitions between the non **compressed** and **compressed** states of an audio signal running through it. A “**lower sharpness**” allows for a smoother and more gradual **compression** than a “**higher sharpness.**”



Quick tips:

- Double clicking on Sharpness knob will set back its value to default.
- Double clicking on Sharpness knob’s value number, will allow you to type in your preferred value.

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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 well. The “Copy to B” allows you copy the settings you’ve made in the A version, to see how small tweaks would sound compared to the original A version.

Output Level

Reduce or increase the output volume level in dB.

Level Meter

Shows the master output signal level and current gain reduction in dB.



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Audition Buttons

Filter

This feature allows you to quickly listen to the T-Clarity's selected frequency bands in solo.

Diff

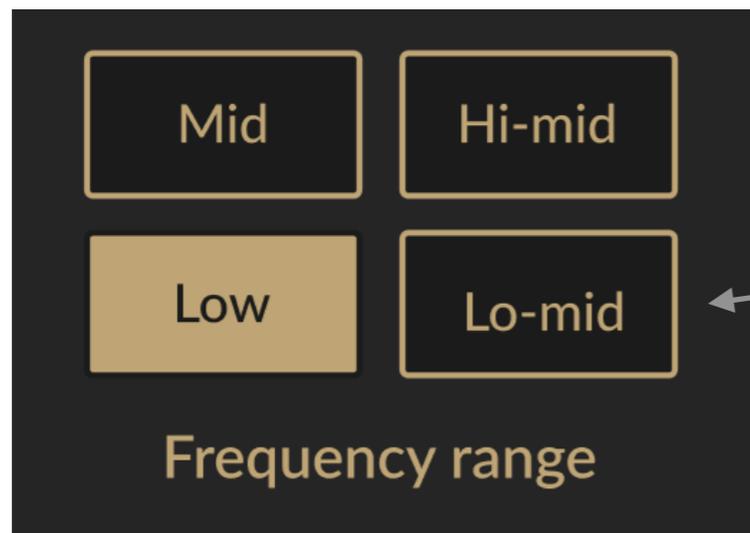
This button (when selected) allows you to just hear the effect of the plug-ins on your signal. Basically it lets you hear the sounds that are being removed.



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Frequency Range Modes

Hi-mid	500 Hz -- 900 Hz
Mid	300 Hz -- 500 Hz
Lo-mid	150 Hz -- 300 Hz
Low	50 Hz -- 150 Hz



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On/Off Button

Bypass button, enables or disables the plugin's effect on the output sound. Smooth, click-free transitioning makes this parameter ideal for automation.

Menu

A quick menu of useful features:

- Undo
- Redo
- Presets
- Save Preset As...
- Load Preset...
- Default Preset
- GUI Scale
- About T-Clarity



Techivation T-Clarity

Undo/Redo

Check out page #8

Presets

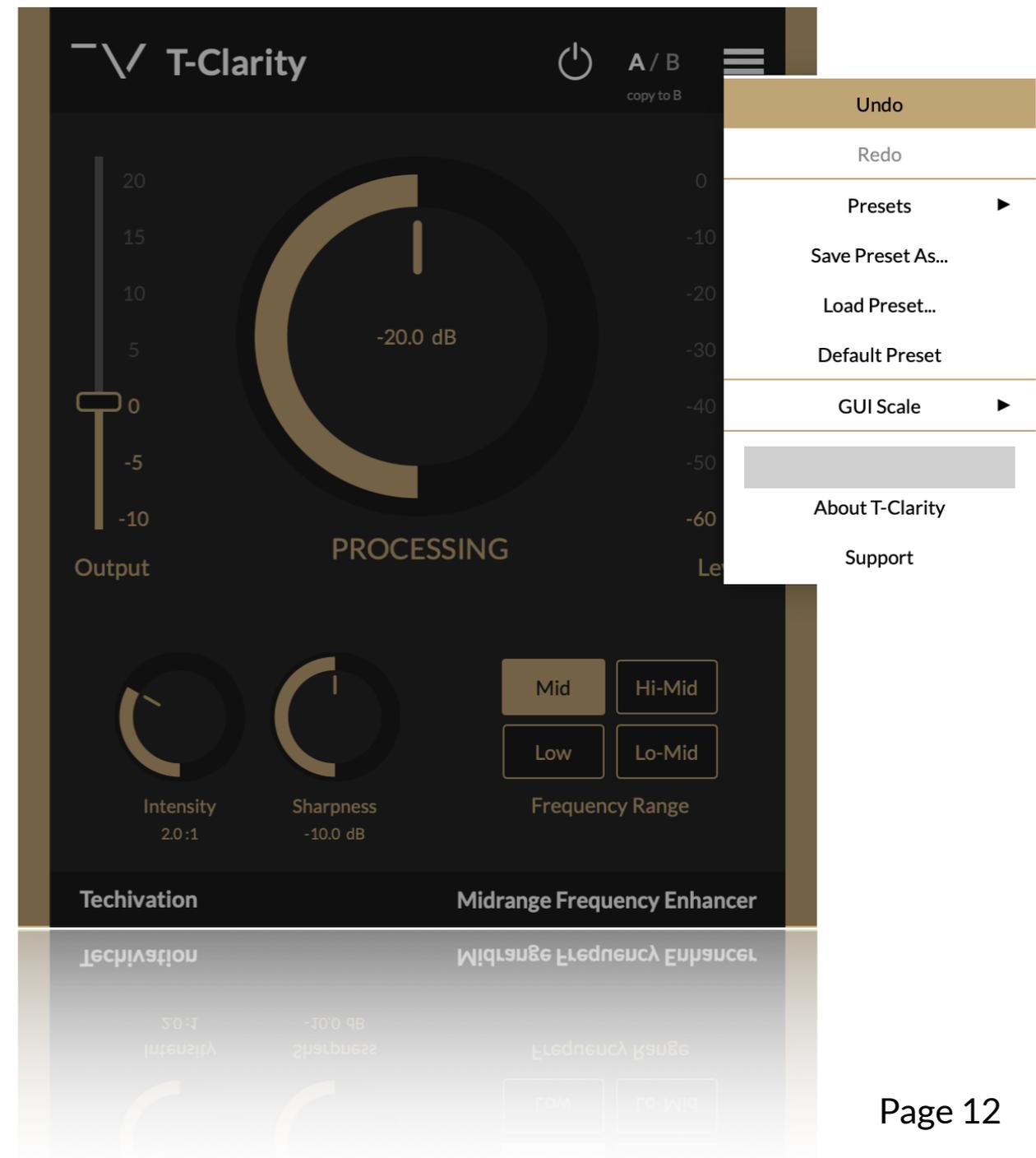
Allows you to load presets from the T-Clarity's built-in preset menu.

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.

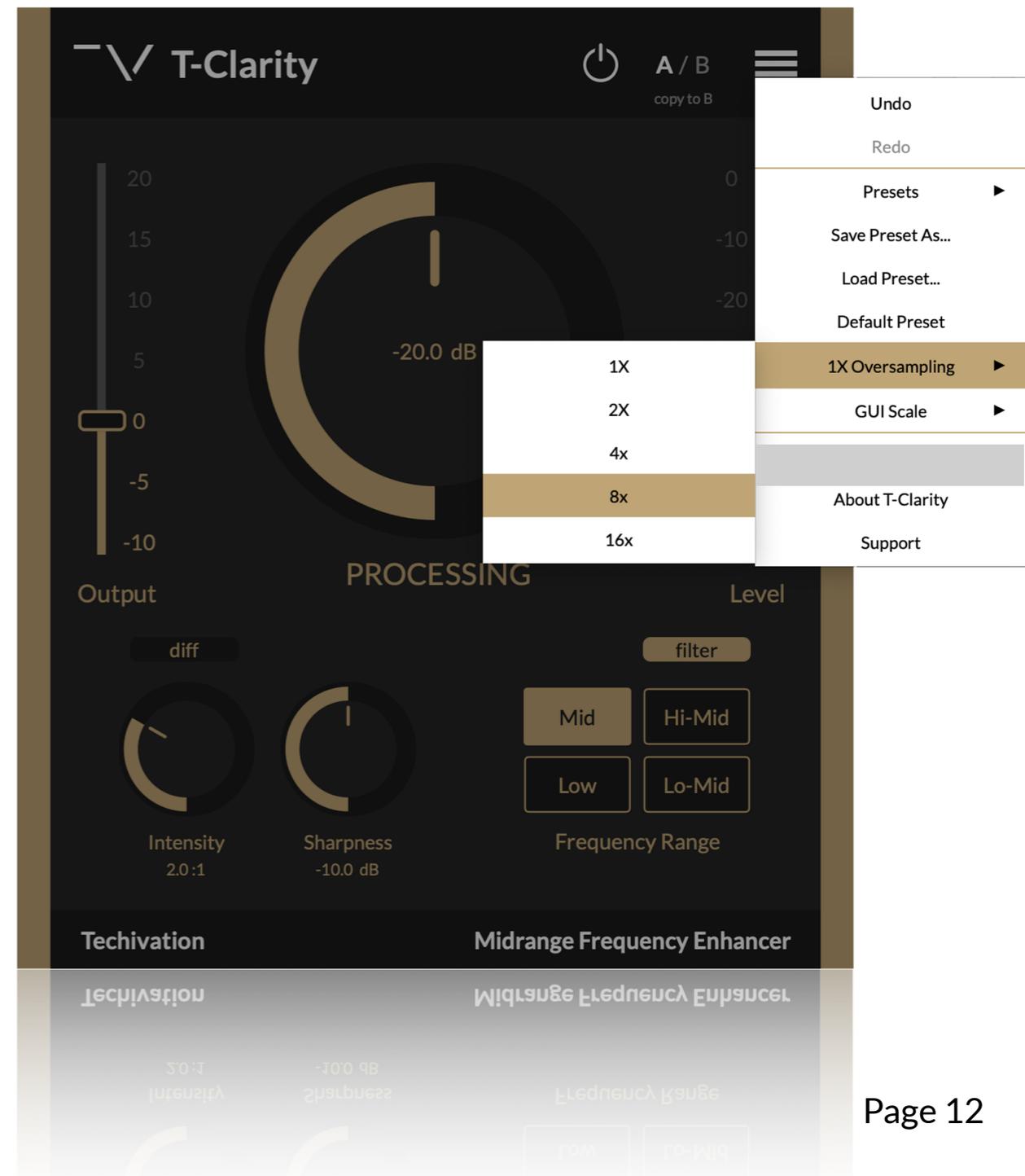


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Oversampling up to 16X

Oversampling in T-Clarity helps you decrease aliasing by executing the internal process at a higher sample rate than the host, up to 16 times higher. (In other words, it will improve the quality of your audio.)

You can change the oversampling from the plug-ins Top-right menu.



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GUI Scale

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

About T-Clarity

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



Techivation T-Clarity

Compatibility

Plugin formats: VST, VST3, AU, AAX.

Platforms supported: Mac OS 10.7 and up including Catalina and Big Sur. M1 Native.

PC Windows 7 and up.

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 with your purchase. You can always go to our website, 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-Clarity Activation

Activating T-Clarity 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 even while being offline too.

Techivation T-Clarity

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."