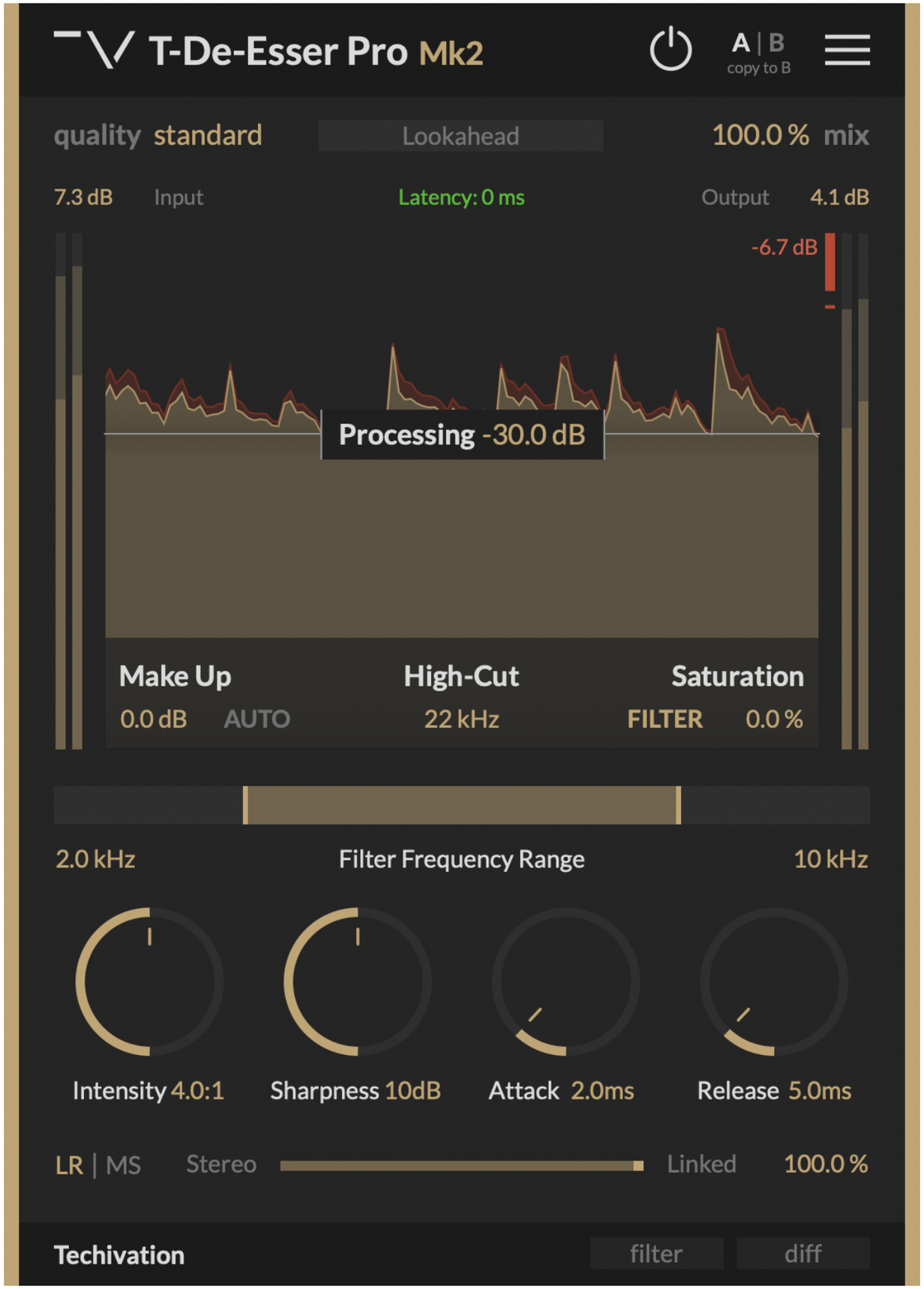
Techivation T-De-Esser Pro Mk2

User Manual

www.techivation.com


T-De-Esser Pro Mk2
A | B
copy to B
quality standard
Lookahead
100.0 % mix
7.3 dB
Input
Latency: 0 ms
Output
4.1 dB
-6.7 dB
Processing -30.0 dB
Make Up
0.0 dB
AUTO
High-Cut
22 kHz
Saturation
FILTER
0.0 %
2.0 kHz
Filter Frequency Range
10 kHz
Intensity 4.0:1
Sharpness 10dB
Attack 2.0ms
Release 5.0ms
LR | MS
Stereo
Linked
100.0 %
Techivation
filter
diff

Techivation T-De-Esser Pro Mk2

Overview

T-De-Esser Pro Mk2 is an upgraded version of T-De-Esser Pro, featuring improved sound quality, more refined dynamic response, and a redesigned user interface for a smoother, more intuitive workflow. It’s designed to reduce harsh “s” sounds and excessive high-frequency content in a clean and transparent way, preserving the natural character of your audio without introducing unwanted artefacts.

The Mk2 update focuses on optimising performance and usability while retaining the same powerful feature set. With precise control over intensity, frequency targeting, attack and release, lookahead, saturation, and oversampling, T-De-Esser Pro Mk2 remains a flexible and reliable solution for managing sibilance and taming harshness across a wide range of audio sources.

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Features

- Processing
- Waveform display
- Intensity
- Sharpness
- Attack
- Release
- Oversampling
- Saturation (+filter)
- High-Cut filter
- Filter Frequency Range
- Mix
- Lookahead
- Latency display
- Make Up Gain (+auto-gain)
- Mid-side mode
- Stereo Link
- Audition (Filter & Diff)
- Level meters
- Internal On-Off Switch
- Internal Menu
- Presets
- Scaleable GUI
- A/B Switch
- Undo-Redo Options
- Show/Hide Tooltips
- Stereo and Mono

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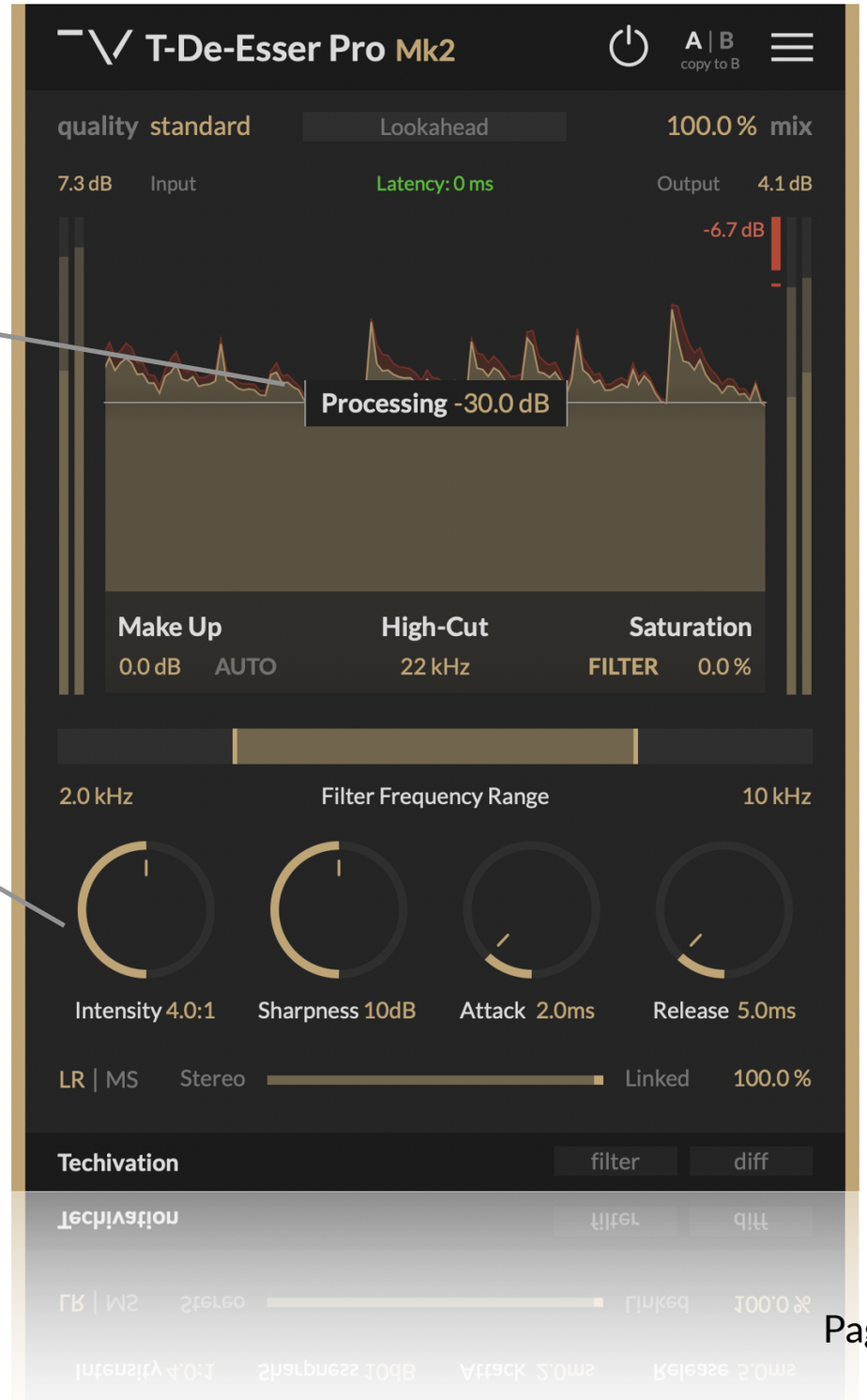
Features

Processing

The Processing slider determines how much level can pass through the De-Esser before compression is triggered. Lower the processing until gain reduction starts to occur. Now listen as you adjust the processing. Find the point at which sibilance is controlled without extreme audible compression.

Intensity

T-De-Esser Pro Mk2 “Intensity” determines how much gain reduction the De-Esser applies when the signal passes a threshold level. For example, an intensity of 4:1 means that for every 4dB the signal rises above the threshold, the De-Esser will allow an output of 1dB.



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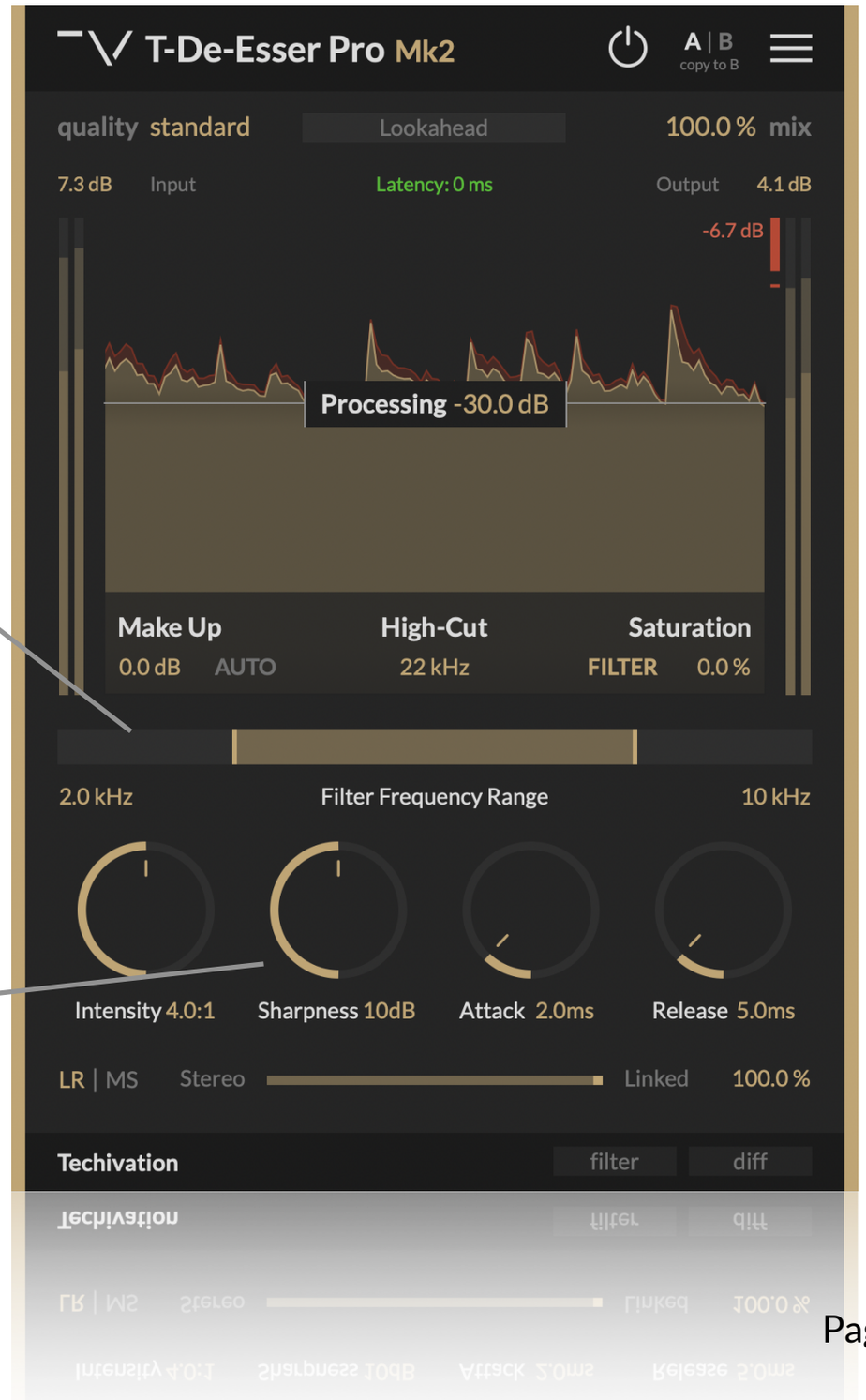
Features

Frequency Range

This feature allows you to choose your custom frequency range in high frequencies for a more accurate result. You can choose to select frequencies from 1kHz to 20kHz. T-De-Esser Pro focuses on this frequency range for finding and removing harsh sounds. The waveform display shows the input level that is coming from the selected frequency range.

Sharpness

“Sharpness” refers to how the De-Esser 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.”



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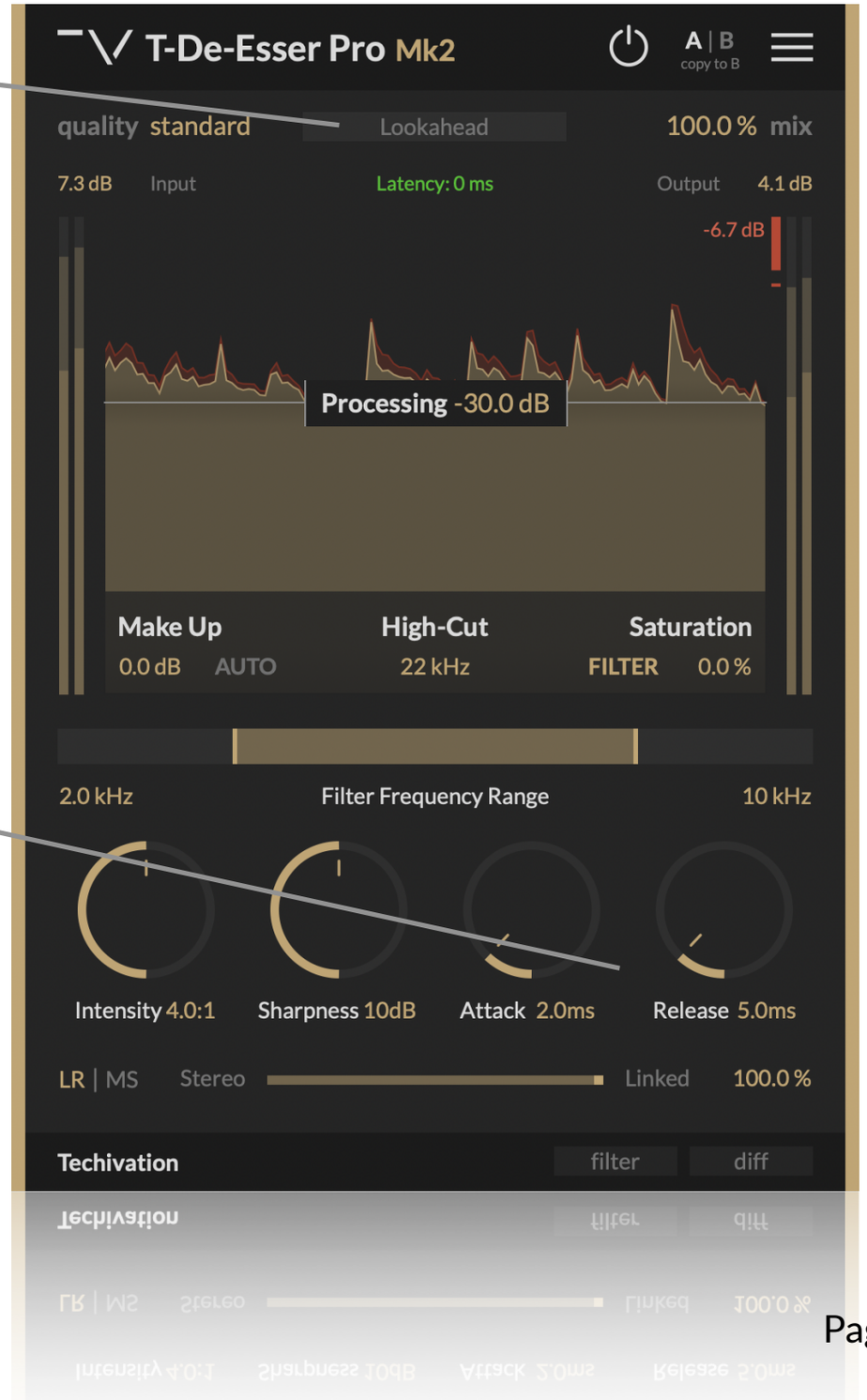
Features

Lookahead

The Lookahead function allows the De-Esser to “see” the input signal before it is processed, allowing it to handle transitory information better and make the attack smoother. Having “Lookahead” on will increase the latency so it’s not ideal to be used while tracking/recording.

Attack / Release

The attack setting controls how long it takes for the De-Esser to engage, while the release setting controls how long it takes to let go. “Attack” goes from 0.0 ms to 30.00 ms. And “Release” goes from 1.0 ms to 120.00 ms. A fast attack results in a softer sound, while a slower attack setting will make the sound punchier. If you go too fast with the attack, it may cause distortion, but if you have the “Lookahead” option turned on, it will help the attack to operate more accurately, resulting in a more natural sound.



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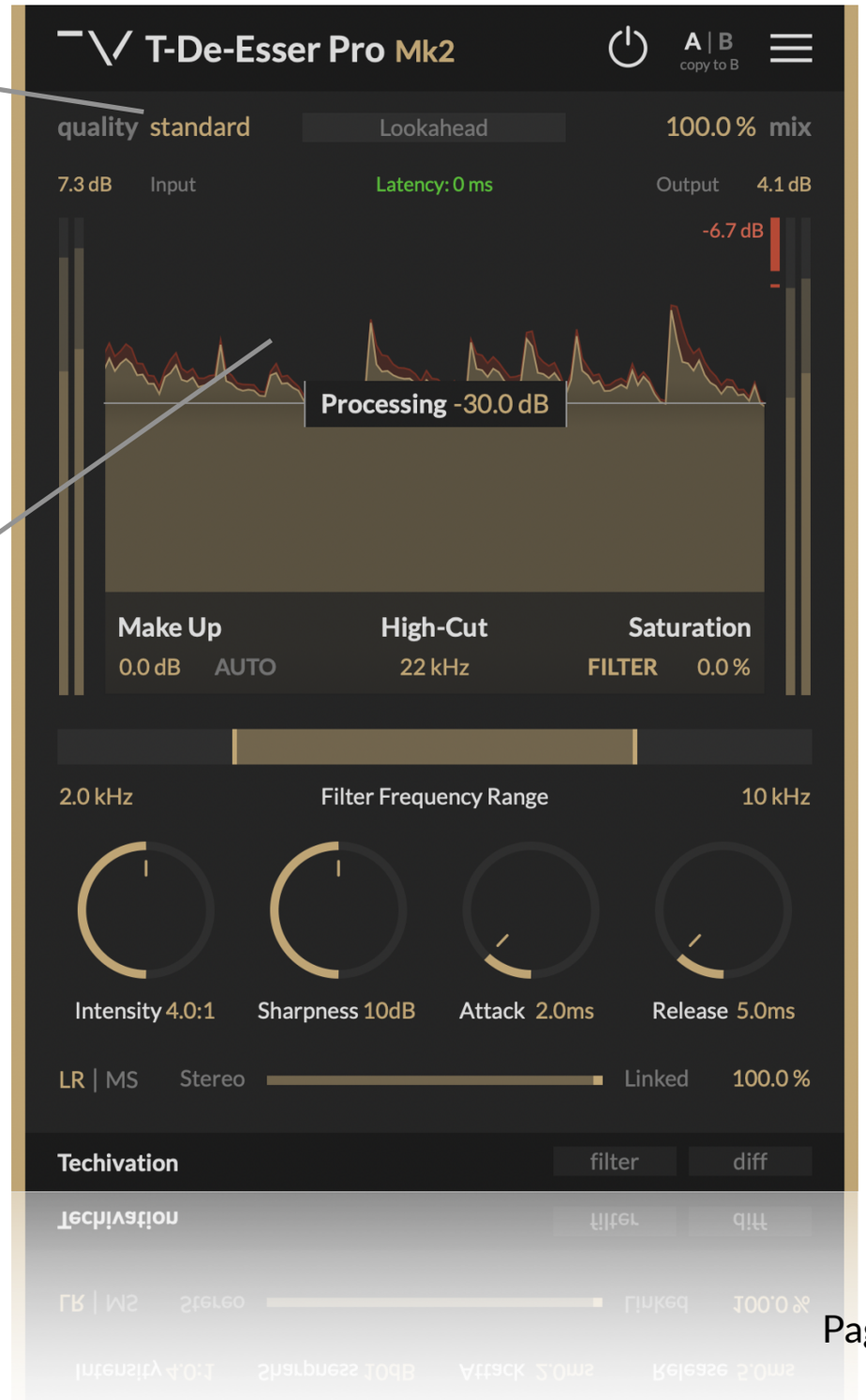
Features

Oversampling

This is the Oversampling feature in T-De-Esser Pro Mk2 that 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.) As you increase the oversampling, the plug-in's CPU usage will also increase. It is not recommend to be used while tracking/recording.

Waveform display

The waveform display in T-De-Esser Pro Mk2 provides real-time visual feedback of the input signal, helping you monitor how the de-essing is applied across time. The red and gold overlay shows the difference between the raw input and processed signal, while the central bar indicates the current processing amount in decibels, updating dynamically. This visualisation allows you to fine-tune parameters like intensity, sharpness, and frequency range with more confidence, ensuring clean and transparent results.



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Features

Mix

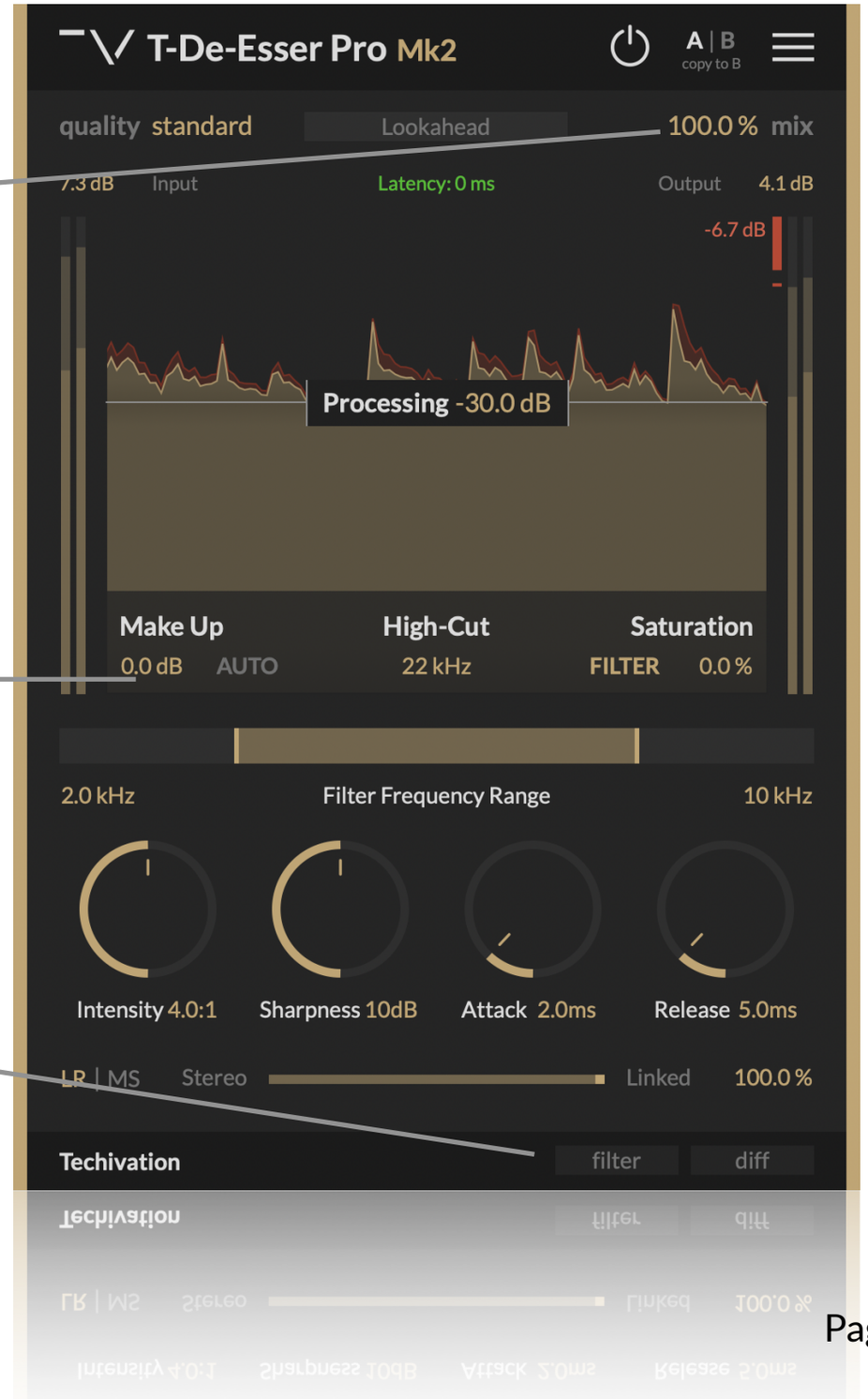
The “Mix” option controls the mix of the two input and output signals. This feature makes it perfect for parallel processing.

Make Up Gain (+auto-gain)

“Make Up” controls the amount of clean gain applied to the processed signal. To make level matching easier while you tweak the plug-in’s settings, it offers the “AUTO” gain button which sets the “Make Up” gain amount.

Audition (Filter & Diff)

This feature allows you to quickly listen to the De-Esser filter's frequency range or just the effect of the plug-in on your signal.

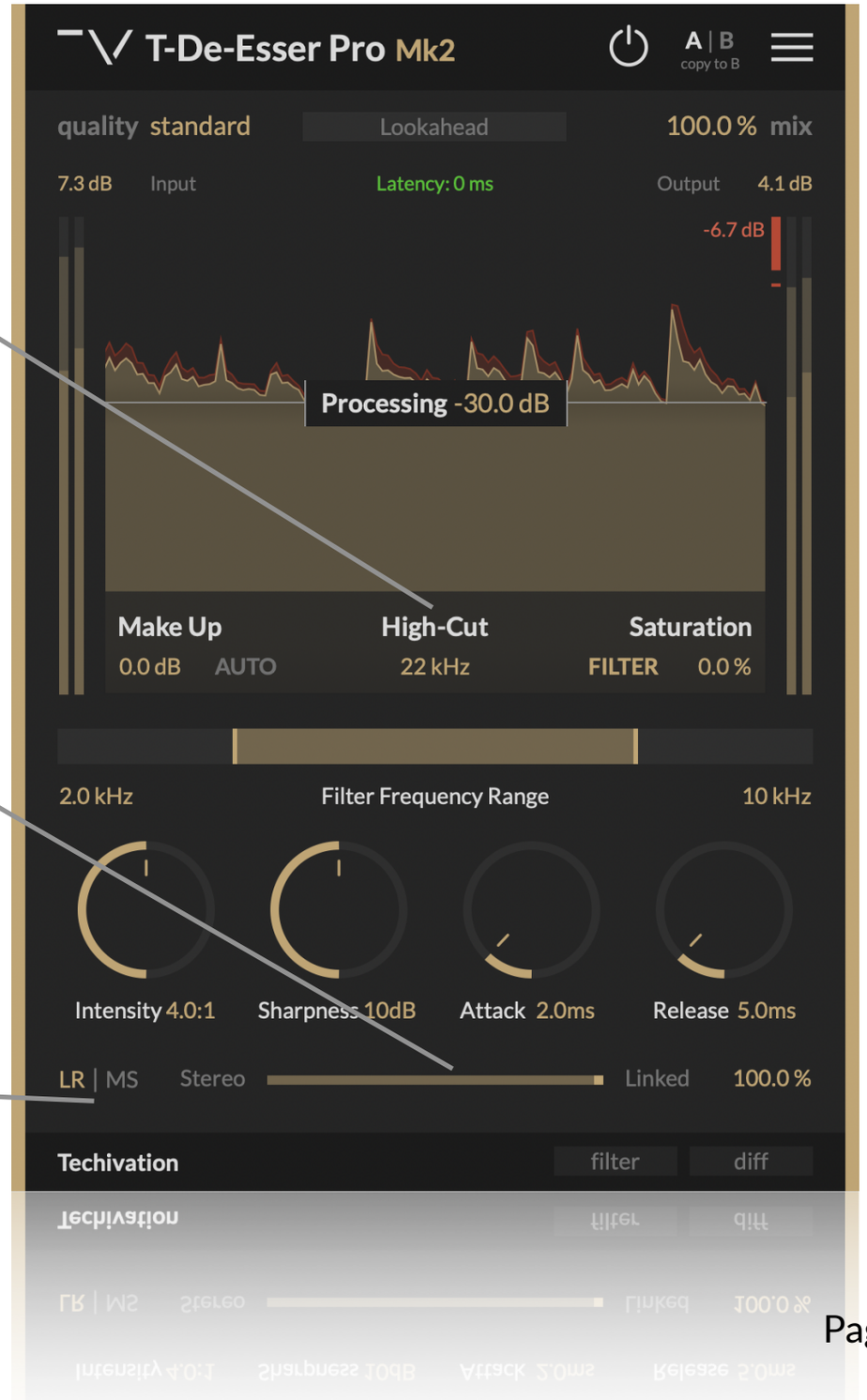


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Features

High-Cut

It's a very gentle filter that may make some of the harsh frequencies fade away, resulting in a more pleasing sound
when used in conjunction with the De-Esser.
Also, it is a creative tool for changing the sound character and pushing the sounds deeper in the mix to create a sense of depth.



Stereo Link

This option balances the depth of processing between the left and right or mid and side channels, as determined by the stereo mode toggle.

MS & LR Modes

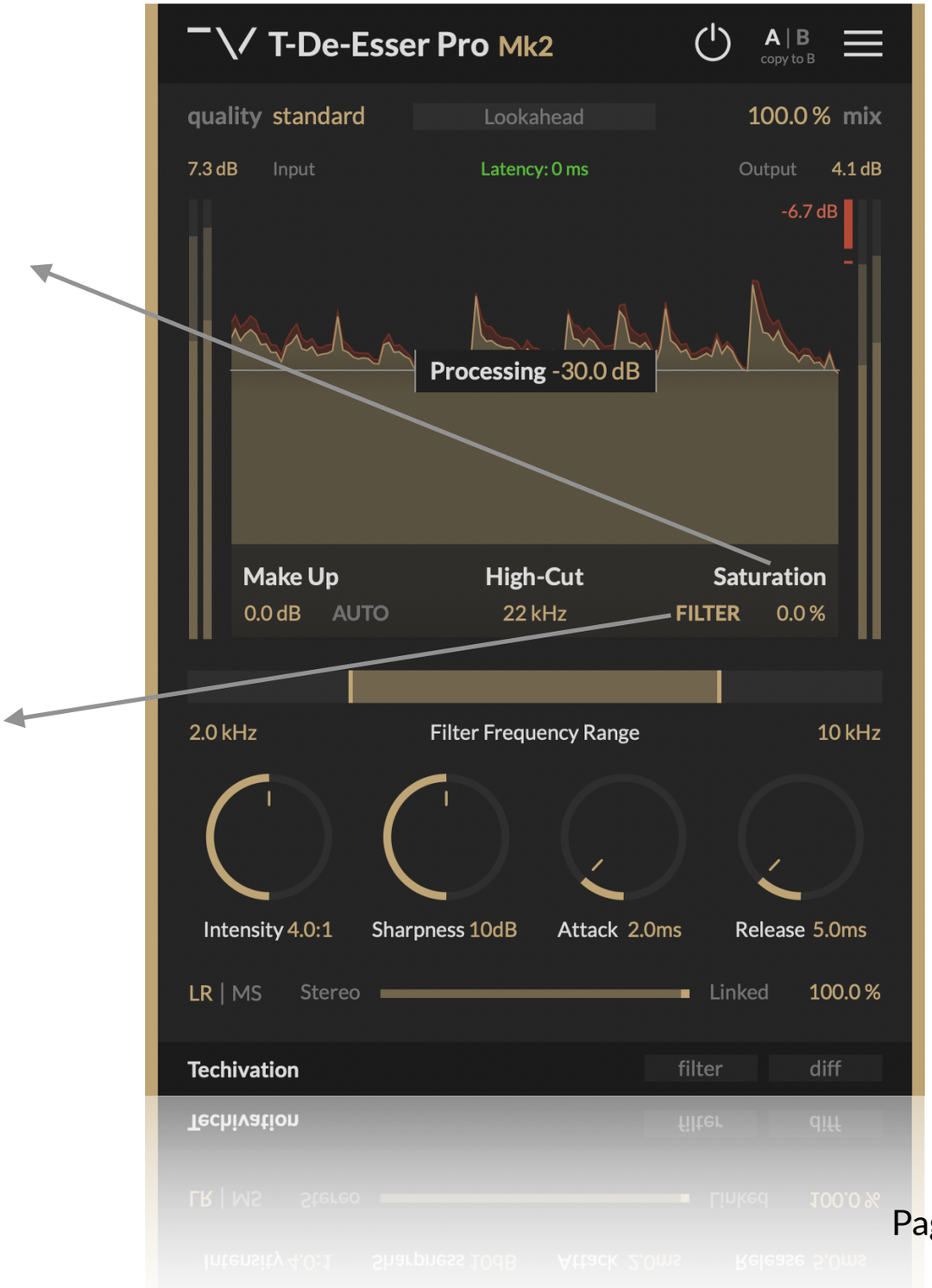
The Mid/Side options in T-De-Esser Pro Mk2 let you process a stereo track's centre and side signals individually.

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Features

Saturation

The saturation feature in T-De-Esser Pro Mk2 adds a unique colour and texture to the sound, helping the De-Esser in some cases to make a smoother sound. It can also create a new character for your sounds, specially when used with the other features like “mix” and “High-Cut”.



Saturation Filter

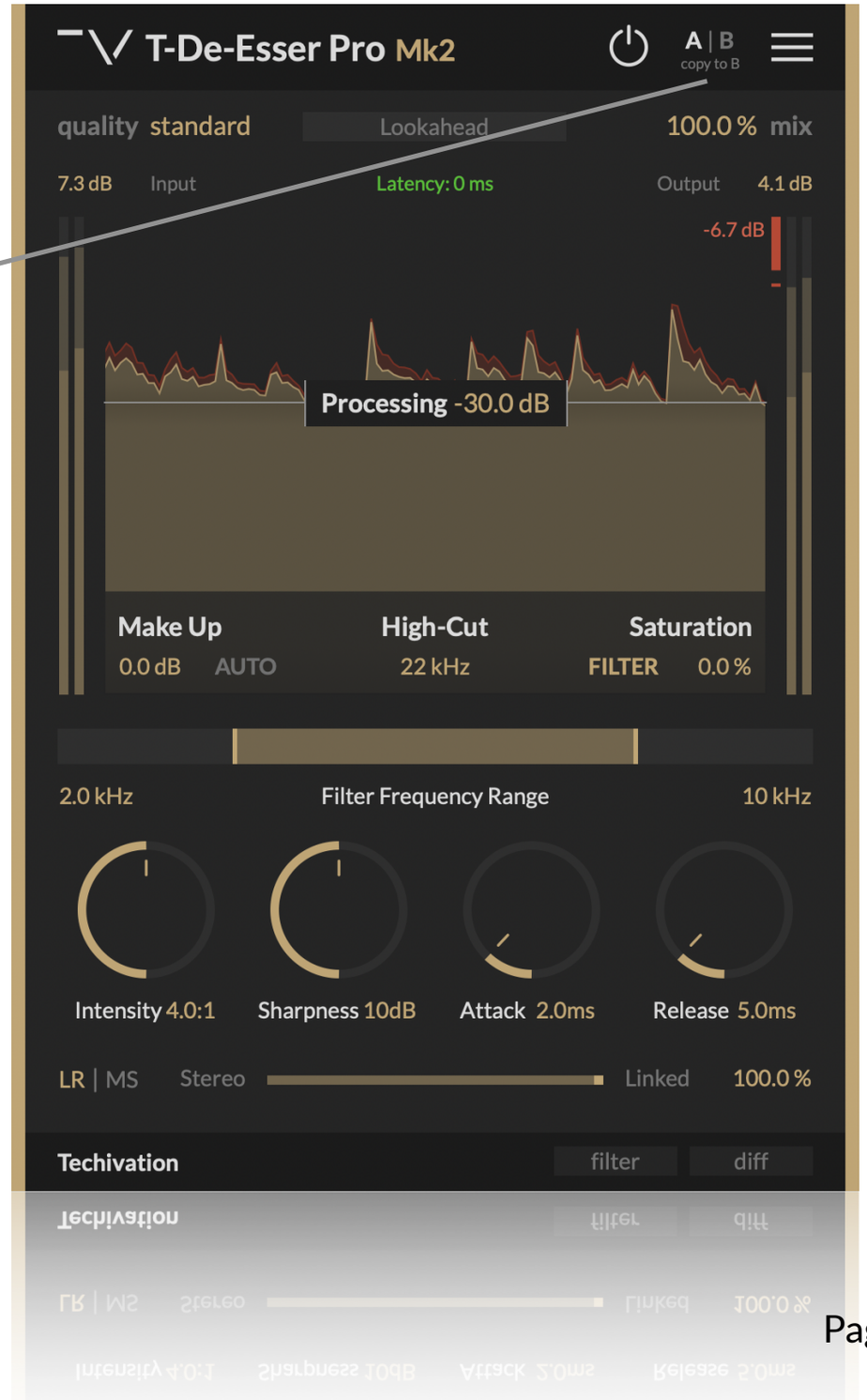
This option allows you to add saturation only to the specific selected high-frequency range. It makes the high frequencies sound crisp without harshness and is a great tool for blending them into the context of a mix.

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A | B Comparison

The A/B buttons provide a convenient way to compare different options and find the optimal setting for your audio processing needs. With just a click, you can easily switch between two different versions of the same processing chain and compare the results. Moreover, the "Copy A to B" and "Copy B to A" functions enable you to quickly test small tweaks and adjustments by copying the settings from one version to the other and comparing their effects.

By using the A/B buttons in conjunction with the "Copy" functions, you can efficiently assess subtle variations in your processing and make informed decisions on the best approach to take. This streamlined workflow saves you time and effort, allowing you to focus on the creative aspects of your mix.



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Features

Undo/Redo

The T-De-Esser Pro Mk2 plug-in comes equipped with the handy feature of built-in "Undo" and "Redo" options, providing added peace of mind while working on your audio processing. With these functions, you can easily revert to previous settings or redo changes, saving time and eliminating the stress of potentially losing valuable adjustments.

The "Undo" and "Redo" options allow you to experiment with different settings and configurations without the fear of permanently altering your audio. Additionally, this feature enhances your workflow by providing an efficient way to backtrack and explore alternative processing paths, enabling you to make more informed decisions in your audio production.

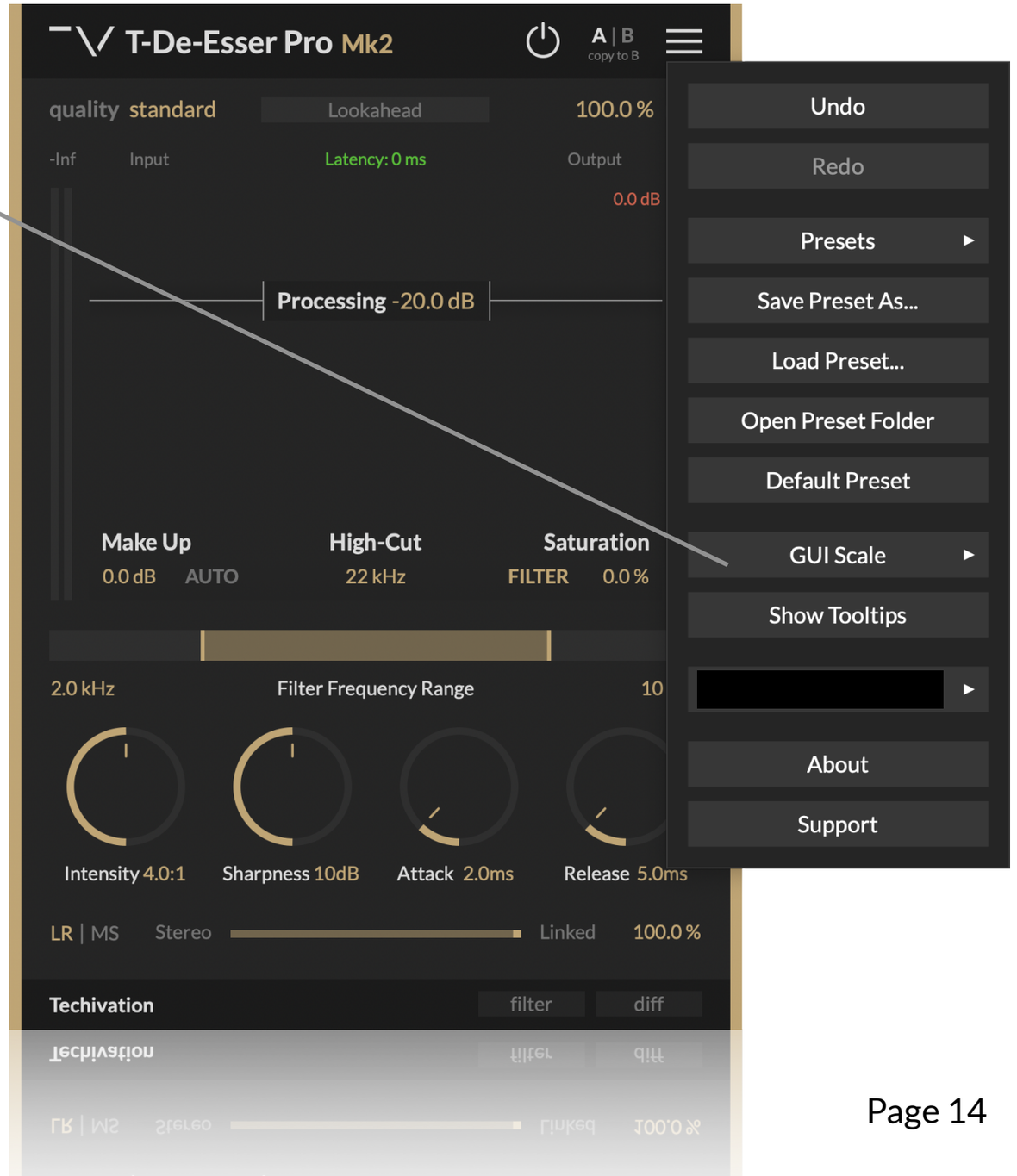


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Features

GUI Scale

The interface scaling feature in T-De-Esser Pro Mk2 allows you to customise the size of the GUI to suit your preferences and optimise your workflow. With a range of scaling options available, from 50% to 150%, you can personalise the interface to match your visual and working style. One of the great things about this feature is that the visual quality of the plug-in remains consistent, regardless of the scale you choose. This ensures that the interface remains clear and legible, even when scaled up or down to fit your preferred viewing size. Additionally, the interface scaling feature in T-De-Esser Pro Mk2 is optimised for high-end quality monitors, including retina displays, ensuring that the plug-in looks great and performs reliably on a variety of devices.



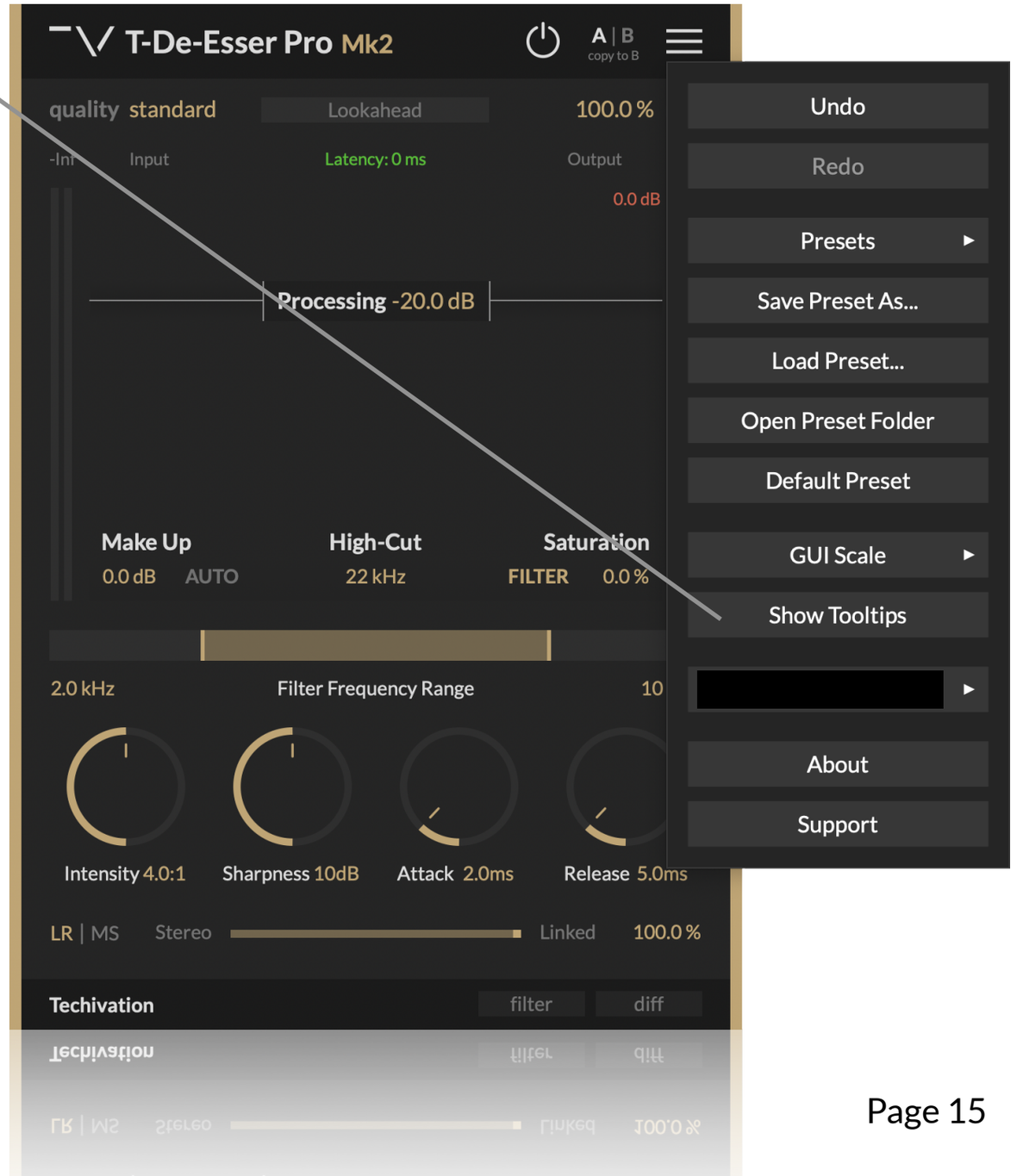
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Features

Tooltips

T-De-Esser Pro Mk2 features a handy "tooltips" option that you can enable or disable from the plug-in's menu. When this option is enabled, you can see a brief description of each part of the user interface by simply holding your mouse over that particular section. Tooltips are an excellent way to quickly learn about the various controls and settings in the plug-in, making it easier to navigate and use the interface effectively.

They can provide helpful information about each parameter, including its function, range, and how it affects the audio signal. Enabling the tooltips option is a great way to speed up your workflow and make it easier to work with the T-De-Esser Pro Mk2 plug-in. If you are not sure what a particular control does, simply hover your mouse over it to get a quick and informative tooltip.



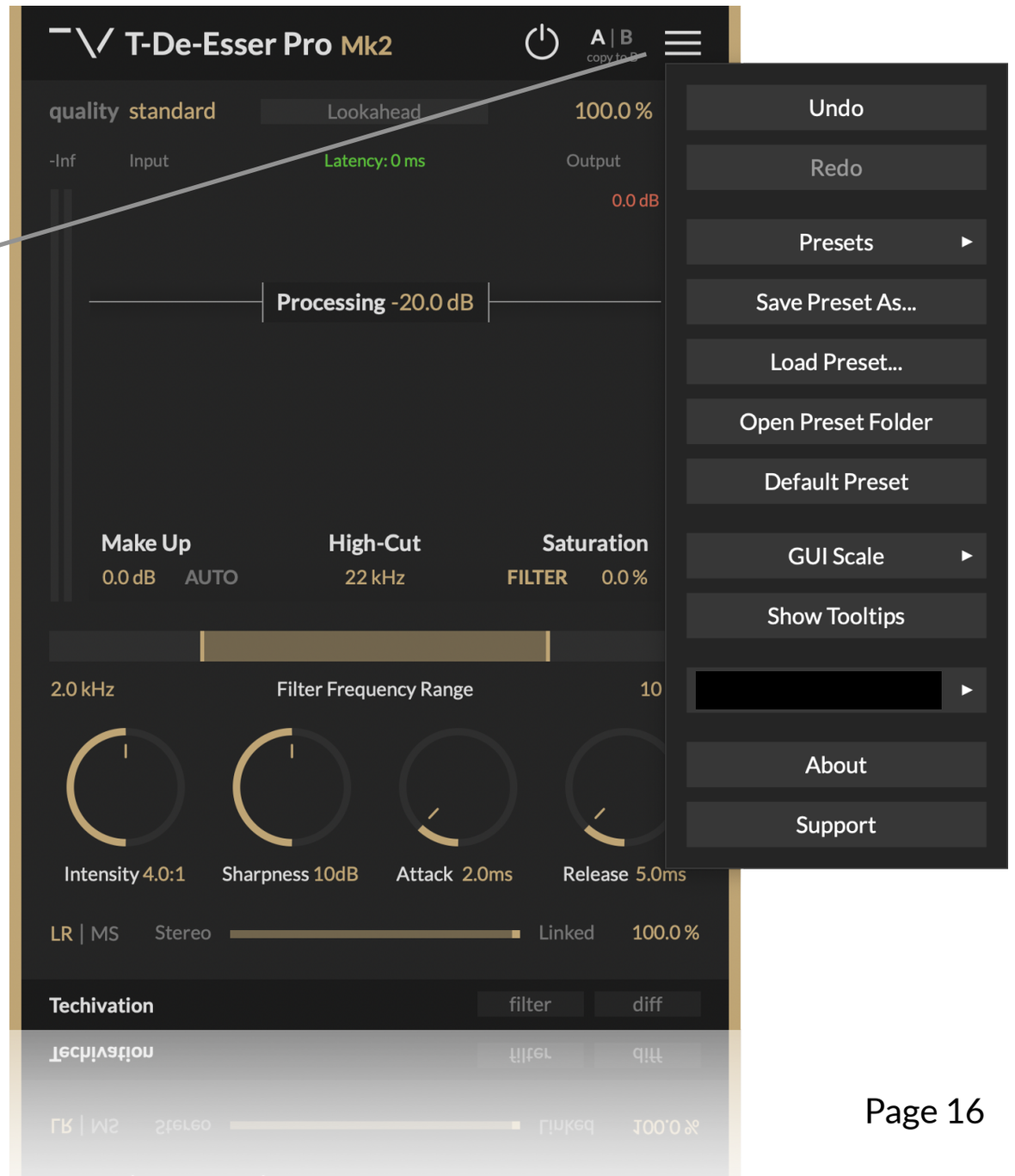
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Features

Plug-in Menu

A quick menu of useful features:

- Undo
- Redo
- Presets
- Save Preset As…
- Load Preset…
- Open preset folder
- Default Preset
- GUI Scale
- Show/Hide Tooltips
- [Your email]/Sign in
- About
- Support



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Compatibility

Plugin formats: VST, VST3, AU, AAX.
Platforms supported: Mac OS X 10.15 (Catalina) or higher Intel processors, and Apple Silicon Chips.
Windows 7 and up. 64 bits.

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

Activation

T-De-Esser Pro Mk2 requires a purchased license from our website, to get activated according to our terms and conditions. As soon as you purchase a license from us, you will automatically have your Techivation account activate the plug-in for you, after you sign in to the plug-in. Everyone with one purchased license can use the plug-in on a maximum of two machines at the same time.

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 or techivation@gmail.com

Installation

If you purchase a T-De-Esser Pro Mk2 license, you can sign in to the plug-in to activate, and use it for a lifetime.

A software download is supplied with your sign-up/purchase, however you can always go to Techivation.com for the latest software updates.

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

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

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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."