




Techivation M-Loudener Effect Plugin User Manual

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Techivation M-Loudener Effect Plugin



Techivation M-Loudener

The Techivation M-Loudener is the first plug-in in the Techivation M series. It's designed to increase the loudness of tracks while preserving dynamic range and clarity, and even allows you to make more headroom for your tracks. This versatile tool is ideal for audio mastering, buss processing, and for use on individual tracks during mixing. M-Loudener has a new user interface, which is more minimal and modern.

Features

- Sound Effect knob: Controls the amount of density of the effect that the plug-in applies to the sound. Ranges from 0 to 100%.
- Drive control: Increases the loudness of tracks by giving more headroom. Avoid applying too much Drive to prevent distortion.
- Softener Mode: Makes the plug-in's effect more gentle and subtle, useful for bass sounds, low-end heavy mixes, or rounding out transients.
- Smoother Mode: Makes the plug-in's effect even more gentle and subtle when combined with Softener Mode.
- Oversampling up to 8X: Reduces aliasing by internally processing audio at a higher sample rate than the host. Can be set to 'Good' (2X), 'Great' (4X), or 'Ultra' (8X).
- Input/Output Meters: Displays available headroom in both input and output stages for visual control over dynamic range.
- Dry/wet Mix: Regulates the blend of input and output signals for parallel processing.
- Mid/side Control: Adjusts the balance of the applied effect on mid and side frequencies to enhance punchiness, width, and stereo effect.
- Presets: Load up presets or create and save custom presets.
- Internal On/off Switch: Quickly enables or bypasses the effect to prevent potential clicks.
- A / B Comparison: Allows for easy comparison between two different settings.

Usage Instructions

1. Open your digital audio workstation (DAW).
2. Load the Techivation M-Loudener plug-in onto the desired track or bus.
3. Adjust the Sound Effect knob to control the density of the effect. Increase it for more punchiness and loudness.
4. Use the Drive control to increase the loudness of tracks, but be careful not to apply too much to avoid distortion.
5. Enable the Softener Mode button for a more gentle and subtle effect, suitable for bass sounds, low-end heavy mixes, or rounding out transients.
6. If desired, enable the Smoother Mode button for an even more subtle effect when combined with Softener Mode.
7. Choose the desired oversampling level in the Quality section of the GUI to reduce aliasing.
8. Monitor available headroom in both input and output stages using the Input/Output Meters.
9. Regulate the blend of input and output signals using the Dry/wet Mix option. Double-clicking on 'mix' will reset it to the default value.
10. Adjust the Mid/side Control to enhance punchiness, width, and stereo effect on a track as needed.
11. Load presets or create and save your own custom presets from the top right menu.
12. Use the Internal On/off Switch to quickly enable or bypass the effect without potential clicks.
13. Compare two different settings using the A / B Comparison feature.

For more information and support, please visit www.techivation.com.

Overview

The Techivation M-Loudener is the first plug-in in the Techivation M series. It's designed to increase the loudness of tracks while preserving dynamic range and clarity, and even allows you to make more headroom for your tracks. This versatile tool is ideal for audio mastering, buss processing, and for use on individual tracks during mixing.

M-Loudener has a new user interface, which is more minimal and modern.

Features

- Sound Effect Control
- Drive Control
- Softener Mode
- Smoother Mode
- Oversampling up to 8X
- Input/output Meters
- Mid/side Control
- Dry/wet Mix
- Presets
- Internal On/off Switch
- A/B Switch
- Undo/Redo Options
- Scaleable Graphic User Interface (GUI)

- Internal Menu
- Stereo and Mono

Quick User Guide

- **Sound Effect:** Increasing this will increase the loudness, thickness and punchiness of sound.
- **Drive:** Increasing this will give the track more headroom and more dynamic range.
- ***Note:** Too much Drive = Distortion
- **Softener & Smoother:** Makes the plug-in effect more gentle.
- ***Note:** If both selected, even more gentle!
- **Input & Output peak meters:** Helps compare the input & output peak levels.
- **Mid/side:** Pushing to side will make your track sound wider and more stereo while pushing to mid will make the track sound more narrow but punchier.
- **Quality:** Oversampling up to 8X
- **Output:** If you still have headroom for your track, want it to be louder after finding the sweet spot with the “Sound Effect” control, you can use the “Output” control to make that happen.

Sound Effect

The Sound Effect knob controls the amount of density of the effect that the plug-in applies to the sound. It ranges from 0 to 100%, and the more you apply it, the more punchiness and loudness you can achieve. This is the main control of the plug-in, which is designed to boost loudness without affecting the dynamic range, while also adding more width and punchiness to the sound.



Quick tips:

- Double clicking on the Sound Effect knob will take it back its default value. (70%)
- You can change all parameters by clicking on them and using your mouse wheel.
- Double clicking on the number allows you to type in the values from 0 to 100%.

Drive

The Drive control has a direct effect on the sound. Increasing the Drive setting can make your tracks louder by giving you more headroom. However, it's important not to apply too much Drive, as this can cause distortion.

Softener Mode

Enabling this button makes the plug-in's effect more gentle and subtle, which can be useful for bass sounds, low-end heavy mixes, or when you want to round out the transients slightly.

Smoother Mode

Enabling this button makes the plug-in's effect more gentle and subtle. If both the 'Softener' and 'Smoother' modes are selected, the effect becomes even more subtle.

Oversampling up to 8X

Oversampling in M-Loudener reduces aliasing by internally processing audio at a higher sample rate than the host, up to 8 times higher. This feature is found in the 'Quality' section of the GUI and can be set to 'Good' (2X), 'Great' (4X), or 'Ultra' (8X).

Input/Output Meters

The plug-in includes input and output peak meters that display available headroom for visual control over dynamic range. These meters show the amount of headroom available in both the input and output stages.



Dry/wet Mix

The 'Mix' option regulates the blend of the input and output signals. It is ideal for parallel processing. It ranges from 0% (plug-in bypassed) to 100%, which is the default amount. Double-clicking on 'mix' will reset it to the default value.

Mid/side Control

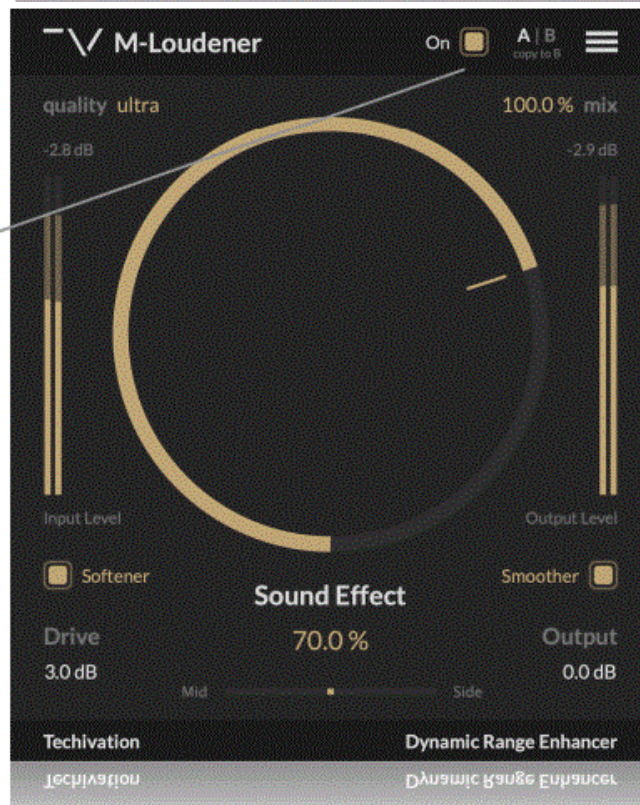
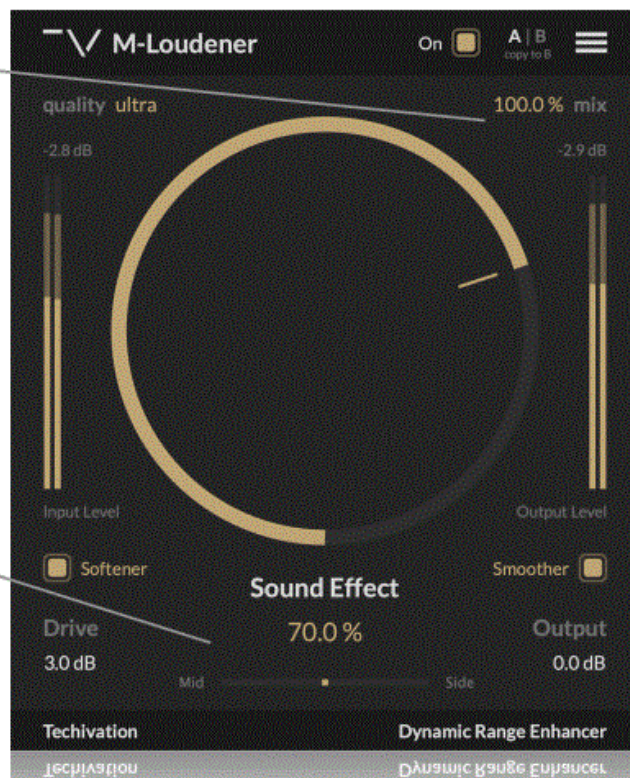
The 'Mid/Side' control adjusts the balance of the applied effect on the mid and side frequencies. This can enhance the punchiness, width, and stereo effect of a track as needed.

Presets

The plug-in allows you to load up presets, or create and save your own custom presets from the top right menu.

Internal On/off Switch

The plug-in includes a bypass/on control for quickly enabling or bypassing the effect. This control helps prevent potential clicks that can occur when using the on/off switch from the DAW host.



A / B Comparison

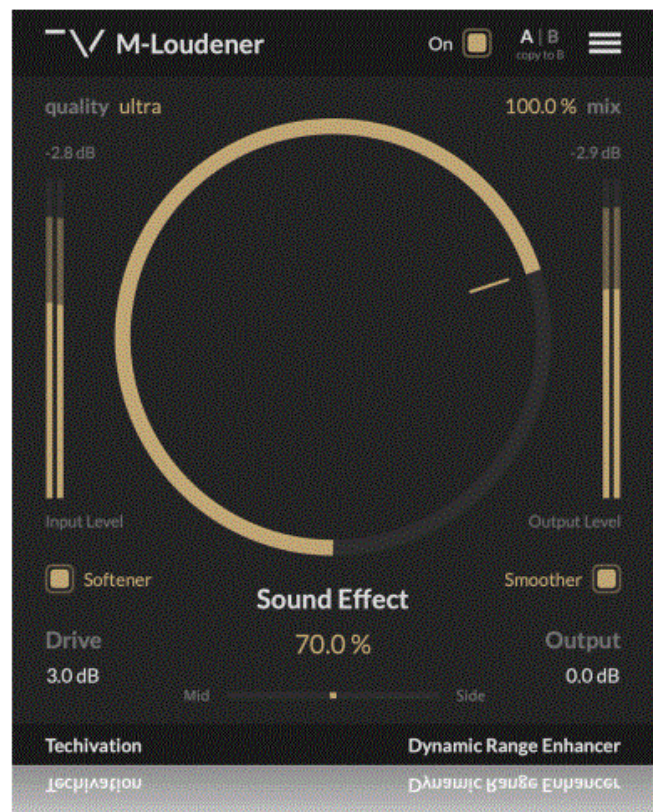
The A/B buttons enable easy comparison of different options to determine which works best. You can also copy the same settings from A to B or vice versa to test small tweaks and adjustments and compare their effects.

Undo/Redo

Undo and redo options are built inside the plugin. You no longer need to worry about losing setting values.

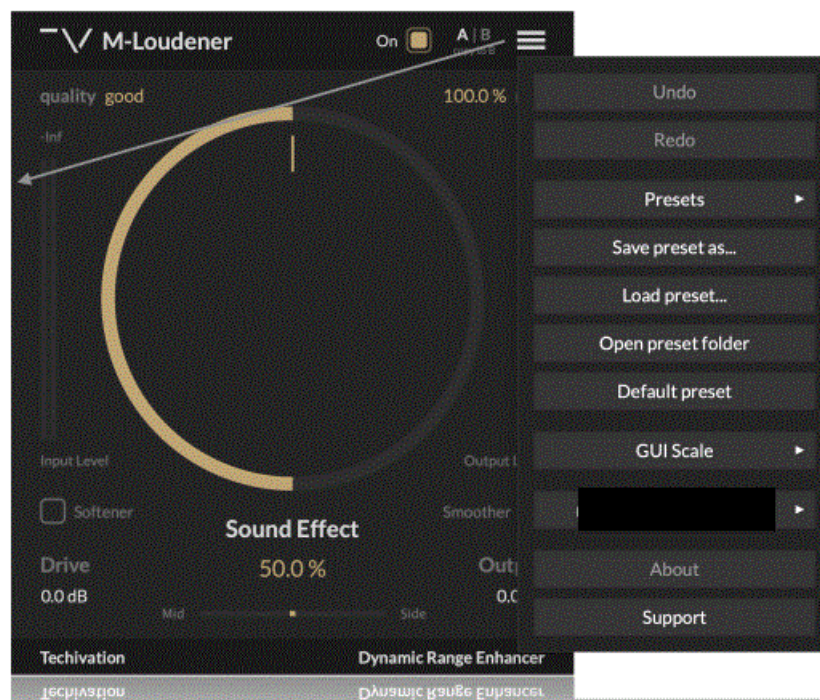
GUI Scale

This allows you to choose the scale of the plug-in interface from 80% to 150%.



Plug-in Menu

A quick menu of useful features:



- Undo
- Redo
- Presets
- Save Preset As...
- Load Preset...
- Default Preset
- Open preset folder

- GUI Scale
- [Your email]/Sign in
- About M-Loudener
- Support

Compatibility

- Plugin formats: VST, VST3, AU, AAX.
- Platforms supported: Mac OS X 10.12 (macOS Sierra) or higher Native M1/2 Windows 7 and up.
- DAWs supported: Ableton Live, Logic Pro, Avid Protools, FL Studio, Cubase, Nuendo, Reaper, and other major DAW softwares on the market.

Activation

- M-Loudener 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'll automatically have your Techivation account activate the plug-in for you, after you sign- 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 M-Loudener 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: 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:** Extract the file content. Double click on the setup file and follow the instructions

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.”

Documents / Resources

	Techivation M-Loudener Effect Plugin [pdf] User Manual M-Loudener Effect Plugin, M-Loudener, Effect Plugin, Plugin
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References

-  [Techivation - Innovative Audio Plug-ins for Creators](#)
-  [Support - Techivation](#)
-  [Terms & Conditions - Techivation](#)
-  [Techivation - Innovative Audio Plug-ins for Creators](#)
-  [Techivation M-Loudener](#)
-  [Support - Techivation](#)
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