LYDTROLD AUDIO / MADE IN DENMARK

The De-Esser

Wide-band and split-band sibilance control



User Manual

English | Manual edition 1.0 | October 2026

Product version: 0.1.8

Native: VST3 and AAX Native; AU on Mac

AAX DSP + Native edition available for compatible HDX systems

lydtrold.com

01 / START HERE

Meet The De-Esser

Wide-band and split-band sibilance control with adjustable frequency, threshold, range, release and mix.



Your first session

1. Insert on a vocal or another source with excessive high-frequency consonants.
2. Enable Listen, locate the offending region with Frequency, then turn Listen off.
3. Lower Threshold until sibilance is controlled. Limit Range and set Release so normal words remain clear.

02 / REFERENCE

Controls and behaviour

Names follow the front panel; alternate host parameter names are included where useful. Ranges describe control values, not recommended settings.

CONTROL	RANGE / OPTIONS	HOW TO USE IT
De-Esser	On / Off	Engages the sibilance processor.
Frequency	2-14 kHz	Targets the sibilant frequency region.
Threshold	-60 to 0 dB	Sets sensitivity to sibilant energy. Lower values trigger more readily.
Range	0-18 dB	Limits the maximum amount of reduction.
Release	20-500 ms	Sets recovery after sibilance.
Mix	0-100%	Blends processed and unprocessed audio.
Split Mode	On / Off	Split limits reduction to the affected band; off applies wide-band reduction.
Listen	On / Off	Auditions the detector region for targeting. Switch it off for the final balance.
Gain reduction	Display only	Shows when and how strongly de-essing acts.

03 / IN PRACTICE

Workflows and troubleshooting

Transparent vocal

Start in Split Mode and use only enough Range to soften the harshest consonants.

Broader control

Compare wide-band mode when the whole vocal should dip during harsh events. Listen for unwanted level modulation.

If the result is unexpected

Vocal sounds dull or lispy. Raise Threshold or reduce Range; retune Frequency to avoid normal vocal presence.

Only bright filtered audio is heard. Turn Listen off.

04 / INSTALLATION AND SESSIONS

Install, recall and get help

Download and install

Visit https://lydtrold.com/installer and download the public Lydtrold Installer for your platform. Close your DAW before installing or updating. For AAX, Pro Tools must be fully closed. Enter the licence key associated with your purchase or Free Collection, select the product and required formats, then install.

Choose the format

Use AU in compatible Mac hosts, VST3 in compatible Mac or Windows hosts, or AAX Native in Pro Tools. The AAX DSP edition runs on compatible Pro Tools HDX systems and includes the Native formats. Select the edition covered by your licence.

System compatibility

The public Mac plug-ins support Intel from macOS 10.15 and Apple silicon from macOS 11. The current public Mac installer requires macOS 12 or later. Use a compatible 64-bit DAW and check the product page for current platform and format availability.

Recall and automation

Save the DAW session and use supported host presets to retain parameter settings. Automate sound controls exposed by the installed edition in the host. Display-only meters and analysis results are not sound parameters. Save a preset before resetting or making major changes.

Support

Visit https://lydtrold.com/contact. Include the product name and installed version, operating system, DAW version, plug-in format and relevant routing. Describe the steps that reproduce the problem and the expected result.

Manual edition 1.0, 26 October 2026. Covers the public product version shown on the cover. Manual editions and plug-in versions are separate. Illustrations show the published product interface.