LYDTROLD AUDIO / MADE IN DENMARK

Console Gate

Gate and expander with filtered key



User Manual

English | Manual edition 1.0 | October 2026

Product version: 0.2.3

Native: VST3 and AAX Native; AU on Mac

AAX DSP + Native edition available for compatible HDX systems

lydtrold.com

01 / START HERE

Meet Console Gate

Console gate with threshold, timing controls and sidechain filtering.



Your first session

1. Start with a modest Range and play the quietest wanted notes.
2. Set Threshold so wanted hits open the gate, then set Attack, Hold and Release to preserve their envelope.
3. Use Filter In and Key Listen to focus detection. Turn Key Listen off and check bleed-only passages.

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
Threshold	-80 to 0 dB	Sets the opening level.
Range	0-80 dB	Limits attenuation while closed. Smaller values usually sound more natural.
Ratio	1:1-20:1	Sets expansion strength when using expander behaviour.
Attack	0.05-50 ms	Sets how quickly the gate opens.
Hold	0-1000 ms	Keeps the gate open before release begins.
Release	5-2000 ms	Sets the closing time.
Expander	On / Off	Selects progressive expansion instead of harder gating.
Filter In / Frequency / Width	20 Hz-20 kHz; width 0.25-5	Filters the detector signal to focus on the wanted source. This does not equalise the main audio.
Key Listen	On / Off	Auditions the filtered detector. Turn it off for normal monitoring.
Bypass	On / Off	Compares the gate with the source.

03 / IN PRACTICE

Workflows and troubleshooting

Natural drum cleanup

Use a limited Range or Expander mode. Add Hold for body and Release for a natural tail.

Detector focus

Tune Frequency and Width while listening to the key, then check the normal output. Where routed externally, the host key signal drives detection.

If the result is unexpected

Gate chatters. Lower Threshold, increase Hold or lengthen Release.

Attacks are missing. Use a faster Attack and check Threshold.

Only filtered key is heard. Turn Key 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.