LYDTROLD AUDIO / MADE IN DENMARK

# The Maximizer

Peak and loudness control




## User Manual

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Product version: 0.1.52

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Native: VST3 and AAX Native; AU on Mac

Native product; no AAX DSP edition listed

lydtrold.com

01 / START HERE

# Meet The Maximizer

Dynamics and loudness control for shaping tracks and mixes.




## Your first session

1. Place near the end of the output chain and begin with Upward Compression at zero and Dither off.

2. Set a suitable Ceiling, enable True Peak when needed, then lower Threshold until loudness and transient quality reach a useful balance.

3. Compare at matched monitoring loudness. Export and inspect the final file; apply dither only at the intended final word-length reduction.

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 | -30 to 0 dB | Lowers the operating threshold for stronger maximising. Check gain reduction and loudness as you turn it down. |
| Output Ceiling | -30 to 0 dBTP | Sets the output peak target. Leave suitable headroom for the intended delivery. |
| Mode | Modern / Smooth / Aggressive / Safe | Chooses the dynamic character. Mode is not host-automatable in this edition. |
| Upward Compression | 0-10 dB | Raises lower-level detail; check ambience and noise. |
| Release Multiplier | 0.1-10x | Changes release timing relative to the chosen mode. |
| Clip Multiplier | 0.1-10x | Changes clipping behaviour relative to the chosen mode; listen for transient distortion. |
| True Peak | On / Off | Enables inter-sample peak control. Verify the exported file with an independent delivery meter. |
| Oversampling | Off / 2x / 4x / 8x / 16x | Selects processing oversampling, with a trade-off in processing load. |
| Dither | Off / 24-bit / 20-bit / 16-bit TPDF | Adds dither for the chosen final word length. Avoid repeated dithering in a chain. |
| Threshold/Ceiling Link | On / Off | Links threshold and ceiling changes for comparative adjustment. |
| Bypass | On / Off | Compares the process with the source. |
| GR / LUFS / LRA / true-peak meters | Display only | Shows gain reduction, loudness, range and peaks. These are measurements, not target specifications for every delivery. |

03 / IN PRACTICE

# Workflows and troubleshooting

## Transparent control

Use conservative gain reduction and compare Modern, Smooth and Safe on the loudest passages.

## Greater density

Add Upward Compression slowly, then recheck quiet sections. Adjust release and clipping only while listening for pumping or distortion.

## If the result is unexpected

Distorted transients. Reduce maximising or clipping intensity, compare modes and check the source for existing overload.

Quiet noise becomes obvious. Reduce Upward Compression.

Export exceeds the intended target. Check downstream gain changes, sample-rate conversion and the final file with an independent meter.

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. This product is Native; inclusion in a DSP bundle does not make it an AAX DSP plug-in.

## 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.