

LYDTROLD AUDIO

LT REVERB

TRUE-STEREO MULTI-ENGINE SPACE



8 REVERB FAMILIES

48 PROGRAMS

DELAY

MULTIBAND

User Manual

Version 0.1.0 | English

Clear controls. Musical decisions. Built in Denmark.

LYDTROLD

WHAT IT IS

What LT Reverb does

LT Reverb is a true-stereo algorithm processor with eight reverb families, character modes, flexible early and tail shaping, an integrated delay section, multiband finishing, Freeze, and a Wet 100 workflow for aux returns.

SIGNAL FLOW



Start here

- 1 Insert the plug-in on the track, bus, or return that matches its role.
- 2 Choose the main character, mode, or operating level before fine detail.
- 3 Make the smallest useful control move, then listen in the complete arrangement.
- 4 Match output level and compare with Bypass before saving the setting.

THE FRONT PANEL

See the complete signal path



Interface principles

READOUTS

Use visible values or host parameter lanes for repeatable settings.

RESET

Double-click a control to restore its factory default where supported.

RESIZE

Drag the window edge or corner. Double-click empty panel space to restore the factory size where supported.

AUTOMATION

User controls are stored with the session and are host-automatable unless the host or format limits them.

PARAMETERS

Controls at a glance

CONTROL	RANGE / OPTIONS	WHAT IT DOES
Algorithm	Hall, Room, Chamber, Plate, Ambience, Nonlinear, Vocal, Large Space	Selects the core reverb geometry.
Character	Classic, Dual, Natural, Master	Changes density, stereo behaviour, and voicing.
Pre Delay / Decay	0-300 ms / 0.12-30 s	Sets separation and tail length.
Size / Early / Diffusion	0 to 100%	Shapes apparent scale, early energy, and smoothness.
Low / High Decay	0.25-2.0 / 0.15-1.5	Controls frequency-dependent tail length.
Color / Modulation / Width	900 Hz-20 kHz / 0-100% / 0-150%	Sets brightness, movement, and stereo spread.
Delay	4 modes, 1-2500 ms, feedback and filters	Adds stereo, ping-pong, dual, or multi-tap repeats.
Multiband	4 styles + band controls	Shapes and controls the completed wet field.
Mix / Output / Freeze	0-100% / -24 to +12 dB / On-Off	Balances level and can hold the current reverb field.

CORE IDEAS

How to shape the result

01

BUILD IN STAGES

Choose Algorithm and Character first, then set Decay, Pre Delay, Size, and Diffusion before using the extra processors.

02

WET 100

For an aux return, keep Mix fully wet and control amount with the DAW send and return fader.

03

DELAY INSIDE THE SPACE

Filtered repeats can feed rhythmic depth without requiring a separate delay return.

04

MULTIBAND FINISH

Use Amount and band trims after the reverb balance is right. Strong settings can change apparent loudness and tail density.

STARTING POINTS

Four practical recipes

RECIPE 01

VOCAL PLATE

Plate or Vocal, 25-60 ms Pre Delay, moderate Decay, high-pass the delay, and keep the multiband stage subtle.

FINAL CHECK

Level-match, listen in context, and save the result as a host preset if it is worth recalling.

RECIPE 02

DRUM ROOM

Room or Chamber, short Decay, stronger Early energy, modest Width, and no unnecessary delay.

FINAL CHECK

Level-match, listen in context, and save the result as a host preset if it is worth recalling.

RECIPE 03

AMBIENT WASH

Large Space, longer Decay, added Modulation, wide image, filtered delay, and Freeze for transitions.

FINAL CHECK

Level-match, listen in context, and save the result as a host preset if it is worth recalling.

RECIPE 04

MASTER AMBIENCE

Master character, short Ambience, low Mix, conservative Width, and level-matched Output.

FINAL CHECK

Level-match, listen in context, and save the result as a host preset if it is worth recalling.

SETUP AND SESSIONS

Installation, recall, and automation

INSTALLATION AND FIRST LAUNCH

- Run the supplied installer and select the formats used by your host.
- Restart the host or run its plug-in rescan after installation.
- Insert LT Reverb on a mono or stereo track, bus, return, or master path appropriate to its role.
- If prompted, complete the supplied licence activation workflow before processing audio.

SESSION BEHAVIOUR

- All user settings are stored with the host session.
- User controls can be automated from host parameter lanes unless a format marks them as meters or display-only values.
- Avoid abrupt algorithm, quality, or model changes during exposed audio when the plug-in contains those choices.
- Use the host preset system to store personal starting points.

FORMAT NOTES

- Available formats depend on the supplied installer and licence.
- Native editions normally include Audio Unit, VST3, and Standalone on supported macOS systems.
- AAX Native and AAX DSP availability is product- and installer-specific.
- AAX DSP requires compatible Pro Tools HDX hardware and an included DSP build.

GOOD DECISIONS

Listening and troubleshooting

THREE RELIABLE HABITS

- 1 Choose the core reverb before enabling delay and multiband.
- 2 Use Freeze after the field is established.
- 3 Automate Mix or sends, not abrupt algorithm changes during exposed tails.

If something is wrong

SYMPTOM	CHECK
No sound or processing	Confirm routing, plug-in bypass, licence state, and that the correct format is loaded.
Plug-in is not listed	Restart or rescan the host and confirm that the installer placed the required format for this computer.
Processed sound is much louder	Reduce the final output, master, or return level before judging tone or dynamics.
Settings recall unexpectedly	Check host automation mode, active snapshots, presets, and duplicated plug-in instances.
CPU use is high	Use a lower quality mode where available, fewer real-time instances, or the appropriate DSP edition.
Stereo result changes in mono	Reduce width or modulation, stabilise low frequencies, and listen for phase cancellation.

SPECIFICATIONS

Technical summary

ITEM	DETAIL
Product	LT Reverb 0.1.0
Type	Reverb and delay
Channels	Mono and stereo where supported by the host format
Sample rates	Up to 192 kHz where supported by the supplied build
Native formats	Audio Unit, VST3, and Standalone when supplied
Pro Tools	AAX Native and/or AAX DSP when supplied
Manufacturer	Lydtrold, Denmark
Website	lydtrold.com

SUPPORT CHECKLIST

When requesting support, include the LT Reverb version, operating system, host and host version, plug-in format, sample rate, mono/stereo configuration, and repeatable steps. A screenshot and a short before/after audio example are especially helpful.

support@lydtrold.com