

LYDTROLD AUDIO

NORDLYS

1980s DIGITAL REVERB



5 REVERB TYPES

99 S TAILS

EARLY REFLECTIONS

AAX DSP

User Manual

Version 1.0.0 | English

Clear controls. Musical decisions. Built in Denmark.

LYDTROLD

WHAT IT IS

What Nordlys does

Nordlys is a 1980s-inspired digital reverb with classic parameter ranges, five reverb types, long tails, early-reflection controls, and efficient AAX DSP operation when supplied for compatible Pro Tools HDX systems.

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
Reverb Type	Hall, Room, Plate, Early Reflection, Neon Chamber	Selects the algorithm family.
Rev Time	0.3 to 99.0 s	Sets the main reverb time.
Pre Delay	0 to 50 ms	Separates the dry event from the reverb onset.
High Ratio	0.1 to 1.0	Sets high-frequency decay relative to the main tail.
HPF	Thru to 1 kHz	Removes low frequencies from the reverb.
LPF	1 to 11 kHz or Thru	Softens the digital top end.
Room Size	1.0 to 20.0	Controls early-reflection scale for special types.
Liveness	0 to 10	Sets the apparent reflectivity of the virtual surfaces.
Mix	0 to 100%	Sets dry/wet balance; use 100% on an aux.

CORE IDEAS

How to shape the result

01

CLASSIC RANGES

The controls follow familiar 1980s digital-reverb concepts: time, high-frequency ratio, pre-delay, and wet-path filters.

02

HIGH RATIO

Lower values make high frequencies decay faster for a darker tail. Values near 1.0 retain more brightness.

03

EARLY REFLECTION MODES

Room Size and Liveness become especially important for Early Reflection and other short spatial types.

04

HDX EFFICIENCY

The AAX DSP edition is designed for low-latency HDX sessions. Exact use depends on sample rate, channel format, and host configuration.

STARTING POINTS

Four practical recipes

RECIPE 01

CLASSIC VOCAL PLATE

Plate, 1.8-2.8 s, 20-40 ms Pre Delay, High Ratio 0.5-0.8, and filtered low end.

FINAL CHECK

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

RECIPE 02

EIGHTIES SNARE

Room or Neon Chamber, 0.6-1.4 s, short Pre Delay, brighter High Ratio, and 100% wet on an aux.

FINAL CHECK

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

RECIPE 03

DARK HALL

Hall, longer Rev Time, High Ratio below 0.5, lower LPF, and moderate Pre Delay.

FINAL CHECK

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

RECIPE 04

EARLY SPACE

Early Reflection, tune Room Size and Liveness, keep Rev Time short, and blend below the dry source.

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 Nordlys 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 Set Type before Time and filters.
- 2 Lower High Ratio when a long tail becomes metallic.
- 3 Use 100% Mix on send returns.

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	Nordlys 1.0.0
Type	Digital reverb
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 Nordlys 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