

LYDTROLD AUDIO

LT-EQ 2

SIX-BAND PARAMETRIC EQ



6 BANDS

20 HZ - 20 KHZ MIDS

RTA

AAX DSP EDITION

User Manual

Version 2.0.0 | English

Clear controls. Musical decisions. Built in Denmark.

LYDTROLD

WHAT IT IS

What LT-EQ 2 does

LT-EQ 2 is a precise six-band equalizer built for fast, full-range decisions. The four parametric mid bands reach from 20 Hz to 20 kHz, while dedicated shelves, filters, meters, and a spectrum display keep the complete signal path visible.

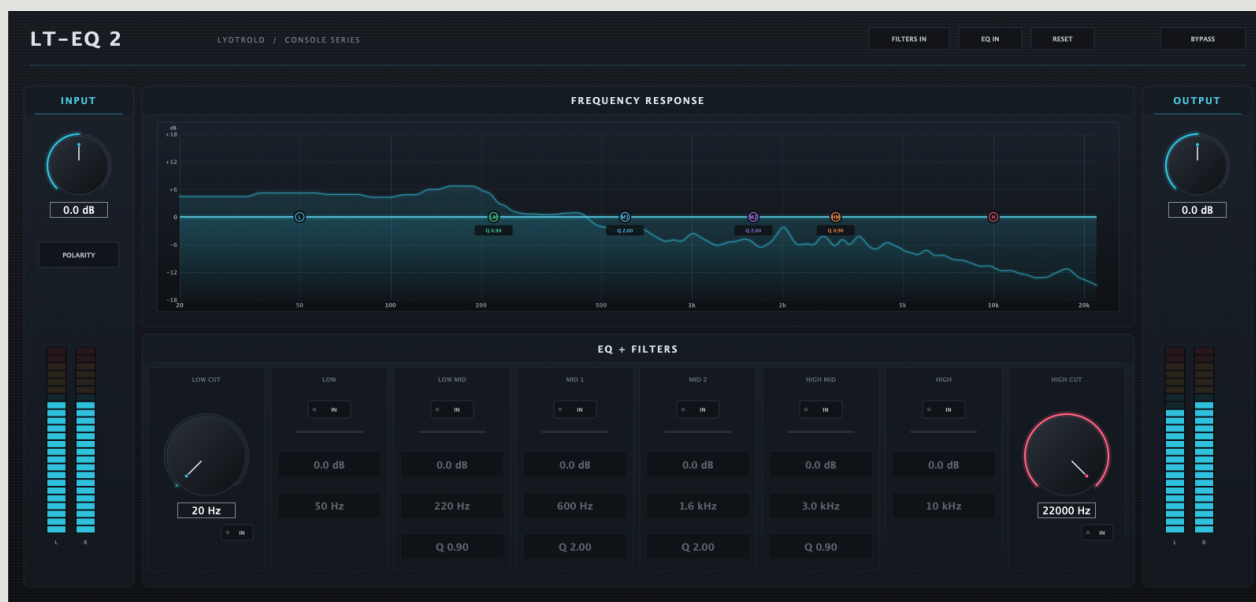


Start here

- 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
Input / Output	-24 to +24 dB	Trim the level before and after the EQ for level-honest comparisons.
Low Cut	20 to 500 Hz	Remove rumble or unwanted low-frequency energy.
High Cut	2 to 22 kHz	Control hiss, fizz, or excessive top end.
Low Shelf	20 Hz to 2 kHz, +/-15 dB	Broad low-frequency tone shaping.
Low Mid	20 Hz to 20 kHz, Q 0.2 to 12	Fully parametric cut or boost.
Mid 1 / Mid 2	20 Hz to 20 kHz, Q 0.2 to 12	Two additional full-range parametric bands.
High Mid	20 Hz to 20 kHz, Q 0.2 to 12	Presence, bite, resonance, or air control.
High Shelf	2 to 22 kHz, +/-15 dB	Broad high-frequency tone shaping.
Phase / Bypass	On / Off	Invert polarity or compare the complete process with dry audio.

CORE IDEAS

How to shape the result

01 FULL-RANGE MID BANDS

All four parametric mid bands can work anywhere from 20 Hz to 20 kHz, so a band is never trapped in the wrong part of the spectrum.

02 DIRECT VALUES

Use the host or value fields for repeatable frequency, gain, and Q settings. Double-click a control to restore its default.

03 ANALYSER

The real-time spectrum display helps locate energy, but final EQ decisions should still be made by ear and in context.

04 NATIVE AND DSP

Native and AAX DSP editions share the same musical EQ controls. Availability depends on the supplied installer and licence.

STARTING POINTS

Four practical recipes

RECIPE 01

VOCAL CLEANUP

Enable Low Cut, find the lowest useful body, then use a narrow mid band to reduce one strong resonance.

FINAL CHECK

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

RECIPE 02

DRUM WEIGHT

Use a broad Low Shelf boost, then cut a nearby low-mid area if the result becomes cloudy.

FINAL CHECK

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

RECIPE 03

MIX-BUS TILT

Use small, broad shelf moves and level-match Output before deciding whether the curve improved the mix.

FINAL CHECK

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

RECIPE 04

PROBLEM HUNT

Boost a narrow mid band temporarily, sweep to find the issue, then turn the boost into a controlled cut.

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-EQ 2 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 Start with every band disabled and add only the bands the source needs.
- 2 Use smaller boosts than cuts when preserving natural tone matters.
- 3 Bypass the analyser occasionally to avoid mixing with your eyes.

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-EQ 2 2.0.0
Type	Equalizer
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-EQ 2 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