INDEPENDENT AUDIO SOFTWARE

LYNCH Vocal Strip

Bring the singer into focus.



Keep level, tone, sibilance and dynamics in one vocal chain. Four independent parallel returns add clean or character echo, plate and room; one-shot Match helps a fully wet comparison without continuously riding the output.

Complete colour user guide · version 0.5.0 · Apple Silicon Mac AU · macOS 12+

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Start with the part

Keep level, tone, sibilance and dynamics in one vocal chain. Four independent parallel returns add clean or character echo, plate and room; one-shot Match helps a fully wet comparison without continuously riding the output.

01 / Set Wet mix to 100% during Match capture and restore your desired blend afterwards.

02 / Vocal Leveler evens phrase levels; Gate controls unwanted gaps.

03 / Delay controls Clean Echo and Character Echo; Reverb controls Plate and Room.

04 / The bottom Output, Mix, Match and meters keep comparison controls together.

Inside the sound

Match — One Shot

Set Wet mix to 100% during Match capture and restore your desired blend afterwards.

Preamp And Dynamics

Vocal Leveler evens phrase levels; Gate controls unwanted gaps.

Four Parallel Space Returns

Delay controls Clean Echo and Character Echo; Reverb controls Plate and Room.

Output And Meters

The bottom Output, Mix, Match and meters keep comparison controls together.

Controls And Help

All audio controls support host automation.

Quality And Latency

The dry nonlinear chain uses8x oversampling at44.1/48kHz and4x above48kHz with longer polyphase FIRs.

Sound And Approach

Logic: Audio FX > Audio Units > Lynch Audio Lab > Vocal Strip. Choose mono/stereo to match the track. Start with Clean Start or Polished Forward.

Preamp And Dynamics

Vocal Leveler evens phrase levels; Gate controls unwanted gaps. Their minimum settings are Off, and Leveler Trim sets the level before preamp coloration. Shape Body/Presence/EQ, control sibilance with the De-esser, and use the linked peak/RMS compressors for transient and sustained dynamics. Character/Grit add parallel texture. Thresholds react to actual input level, so set Input first.

Four Parallel Space Returns

Delay controls Clean Echo and Character Echo; Reverb controls Plate and Room. Clean Echo is a clean stereo echo, Character Echo adds darker color/wow, Plate gives a dense longer tail and Room gives proximity/early reflections. Each has Send, Width, On/Off, low/high cut, Duck and Duck Release; delays also have Time, Feedback and optional tempo sync. Host tempo is used when available, otherwise 120BPM. Return ducking reduces only the audible return, retaining its tail. Send0 stops new feed; existing enabled returns can continue ringing. Turning a module Off mutes its return. The host is told the conservative possible tail, including when Send is zero. A transport reset clears retained effect audio.

Quality And Latency

The dry nonlinear chain uses8x oversampling at44.1/48kHz and4x above48kHz with longer polyphase FIRs. Reported latency is96 base-rate samples, retained for Mix0 and Bypass. Compared with the previous4x/129-tap chain,20kHz loss at44.1kHz is reduced from13.76dB to0.072dB; the tested severe-preamp alias component improves by about30.7dB. These measurements describe those fixtures, not every signal. Lower-rate CPU increases; higher-rate cost is broadly comparable. Character Echo's separate base-rate coloration has not received the same alias upgrade. This is a deliberate sound/latency change; audition it on real vocal material. Malformed/nonfinite preset values are rejected before state mutation. Legal older states initialize missing parameters to defaults instead of retaining unrelated settings from the previously loaded sound.

Match — One Shot

Manual Output is the default. Click Match and play five seconds of representative audio. It measures the entire audible chain, then sets Output once. The trim stays fixed until you change Output or click Match again. Nothing keeps following your playing. Maximum correction is ±12 dB per click, within the Output range. The button shows Cancel Match during capture; click to cancel. Parameter edits, reset, bypass and closing the editor cancel. Insufficient audio times out after 20 seconds. RMS comparison is not guaranteed equal perceived loudness.

Set Wet mix to 100% during Match capture and restore your desired blend afterwards. Level Match (Legacy) is inactive.

Output And Meters

The bottom Output, Mix, Match and meters keep comparison controls together. Meters show input/output RMS and dynamics, leveler, gate and de-esser reduction; this is not a LUFS meter. Output is a manual trim with floating headroom. There is no final limiter. One-shot Match measures the audible chain and sets Output once. Leave headroom when adding returns.

Controls And Help

Click a module to inspect it. Double-click its heading to enable or bypass it; the ON/OFF badge shows the actual state. Drag a dial to adjust it, hold Shift for fine adjustment, scroll for small changes and double-click to reset its default. These strips have no click-free hover adjustment. The ? button enables descriptions without changing any sound values. Guide opens inside the plugin, above the controls; Close or Escape returns to editing. UI Size scales the whole editor from75–150%, capped to the available screen.

All audio controls support host automation. In Logic, use Controller Assignments Learn to bind a hardware controller. The parameter context menu explains the host workflow. Save complete settings using Logic's plugin preset menu.

Install and choose the right host slot

Apple Silicon Mac, macOS 12 or later. Audio Unit only; no Intel Mac, Windows, VST3 or standalone application is included. Use an AU-compatible host and insert on an audio track, instrument audio output or bus.

Save your session before installation. Use the verified current installer and follow its installation prompts, then restart the host if the newly installed AU is not listed. Select the product under Lynch Audio Lab in the appropriate slot.

Trial and permanent licensing

Download the trial installer shown on the product page; the same installer is used for trial and purchase. No card is needed for the trial.

Open the plug-in, click Trial & Activation at the bottom and press Start trial to begin its full 14 days. Installing, opening a preset or downloading a guide does not start a new trial. Each product has its own trial. There is no subscription, automatic charge or periodic noise burst.

For a permanent purchase, use the exact Buy link on the product page. Lemon Squeezy supplies a license key in the receipt. Connect this Mac to the internet, click Trial & Activation at the bottom, paste the receipt key for this exact product and choose Activate. A permanent license allows a maximum of three computers. After successful activation, work offline.

To free a Mac's activation, connect it to the internet, open Trial & Activation and choose Deactivate this Mac. This releases that computer without renewing or resetting trial dates. Presets, project settings and updates do not renew the trial and retain settings.

The login Keychain stores trial and license-key records separately from presets. If it is locked, unlock it normally and press Refresh in Trial & Activation. Keep the system date correct.

At expiry, audio effects return latency-aligned dry audio with normal reported latency; instruments are silent; MIDI tools stop output and release held notes. Presets and project settings remain. Purchase activation restores licensed processing rather than a new trial.

Save, recall and automate

Save the host project to retain the AU instance. Use the product-specific preset operations described in the control chapters for reusable sounds. Preset files, complete project state and controller assignments can have different scopes; do not treat them as interchangeable.

When using host automation, choose an exposed sound parameter, record a short test pass and replay from before the first change. Check module enables, routing and output level. Only use product-local MIDI Learn when this manual explicitly documents it; otherwise use the host's controller-assignment workflow.

Troubleshooting and support

If the AU is missing, save your session, install the current package and restart the AU-compatible host. Check the required macOS version and Apple Silicon architecture, then review the host's plug-in manager. Do not delete a working production project to troubleshoot an insert.

For no sound or no processing, first check the correct slot, track input/output, incoming audio or MIDI, bypass/mute, module enables, mix/return amounts and trial or activation status. Test a simple documented starting point before adding a complex chain.

If the sound is too loud or distorted, reduce drive or output and inspect later inserts and the host master. Sample-peak protection does not guarantee intersample peaks. Source clipping cannot be repaired simply by lowering a later trim.

For dropouts, reduce active polyphony, unison, long returns or dense processing where applicable, or use the host's freeze/bounce workflow. A larger buffer can help scheduling; it cannot cure sustained processing overload.

For activation trouble, check the internet connection and use the key for this exact product from the Lemon Squeezy receipt. For help, contact info@lynchaudiolab.com with product version, macOS version, AU host and a short description. Never send your private license key publicly.

About this guide

Lynch Audio Lab · Music records a brighter tomorrow. This guide describes the released Audio Unit package. The control chapters preserve the supplied public operating documentation, with current-operation addenda integrated and obsolete private-test release labels removed. Images show the real product interface; some original panel lettering may predate the current package version. Original TXT documentation remains available separately.

Original Lynch designs are not measured hardware replicas or equipment-maker endorsements. Listen in context, maintain headroom and check the final deliverable after downstream processing. Support: info@lynchaudiolab.com.