INDEPENDENT AUDIO SOFTWARE

LYNCH Master Strip

Give the mix a considered finish.



Tone, surgical EQ, dynamics, glue and colour sit alongside output measurement and final limiting. Review Assist proposals, measure the whole song and use Fit Target as a measured adjustment rather than an instant mastering promise.

Complete colour user guide · version 0.3.0 · Apple Silicon Mac AU · macOS 12+

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Start with the part

Tone, surgical EQ, dynamics, glue and colour sit alongside output measurement and final limiting. Review Assist proposals, measure the whole song and use Fit Target as a measured adjustment rather than an instant mastering promise.

01 / Use Stereo monitoring and the Output module on for Match.

02 / Select a genre/instrument profile and press Analyze.

03 / Assist is conservative signal analysis, not a style classifier or a guarantee of a finished mix.

04 / Hear Before / Hear After compares only the parameters changed by Assist.

Inside the sound

Match — One Shot

Use Stereo monitoring and the Output module on for Match.

Measured Assist

Select a genre/instrument profile and press Analyze.

Targets And Final Measurement

The bottom output section contains final limiting controls and output meters.

Controls And Help

All audio controls support host automation.

Latency And Signal Path

Colour processing retains four-times oversampling and 32 samples of latency.

Sound And Approach

Logic: Audio FX > Audio Units > Lynch Audio Lab > Master Strip. Insert on the master/mix bus. Start with Clean Start, then shape the music.

Tone shapes broad balance. Surgical has two aligned rows: Body Frequency/Gain/Q and Presence Frequency/Gain/Q. Dynamic tames broad moving low/high energy; Glue controls linked compression; Colour provides independent Tape, Tube and Grit; Punch changes attack/sustain; Stereo sets width and mono bass. Input stays upstream; final output and LUFS/true-peak/limiter meters sit at the bottom.

Measured Assist

Select a genre/instrument profile and press Analyze. Play representative input; the status shows useful material time separately from elapsed time. At least 8 useful seconds are required. Silence does not count as representative audio. Analyze remains lit only while capture is actually running. Suggest stops an active capture, waits for the engine, then displays the proposed tone/dynamics values. Review them and press Apply to audition.

Assist is conservative signal analysis, not a style classifier or a guarantee of a finished mix. Input analysis precedes processing; the dynamics proposal accounts for Input trim. Warnings flag quiet, hot/clipped or problematic phase material. Changes after a suggestion invalidate it rather than applying a stale snapshot. Choose Suggest again after editing.

Hear Before / Hear After compares only the parameters changed by Assist. Undo restores only those changes and preserves unrelated Input, Output, monitoring and delivery settings. Conflicting edits or a new state/starting point invalidate this temporary transaction. Capture/proposal/comparison history belongs to the editor session; actual audio settings save in the AU state.

Targets And Final Measurement

The bottom output section contains final limiting controls and output meters. Spotify is a -14 integrated LUFS / -1dBTP reference. Loud (-11LUFS / -2dBTP) and Dynamic (-16LUFS / -1dBTP) are creative references. These buttons select Target, Ceiling and Limiter On; selecting one does not instantly normalize the song. Custom indicates that the current Target/Ceiling differ from those references.

For Fit Target, use Stereo monitoring, Bypass Off and Limiter On, with no Match capture in progress. Select a reference and play the complete song from the beginning at its final settings. Output status explains whether the measurement is current, settling or unsuitable. Processing, monitor or target changes invalidate old history; pending reset commands must be acknowledged by audio before fitting.

Fit Target enables after8 useful seconds for workflow checks, but a complete song measurement is required for delivery. It adjusts limiter Drive by the measured difference, bounded to±12dB per action and the Drive range. Replay the entire song after every fit, then check integrated loudness, true peak and gain reduction. Limiting is nonlinear, so a fit can require another measured pass. Fit Target and Reset Meter are momentary actions; selected references stay marked. Reset Meter starts fresh output history and does not stop input Analyze. Exported files can change through later processing, faders or encoding; measure the exported deliverable too. The meter/limiter are not externally certified.

Latency And Signal Path

Colour processing retains four-times oversampling and 32 samples of latency. The final linked limiter adds 5 ms lookahead plus 48 reconstruction samples. Bypass remains time aligned and bypasses peak protection. Colour Mix precedes the limiter. One-shot Match is RMS-based, not final LUFS normalization. Tape and Tube are original artistic models, not verified named hardware emulations.

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.

Use Stereo monitoring and the Output module on for Match. The final limiter can constrain the result. Match is separate from Master Assist and Fit Target; recheck the complete song after changing Output. Level Match (Legacy) is inactive.

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.