

Koala Link 1.4.7

Play Koala Sampler from an Akai MPC Touch or Ableton Push 2, and film your performances with the built-in Webcam.

App version 1.4.7, build 19 · Apple silicon · macOS 13 or later · Free

1. What you need

- An Apple silicon Mac running macOS 13 or later.
- **Koala Sampler for Mac**, bought and installed separately.
- **MPC Touch**: DisplayLink Manager (installed separately) for the touchscreen. The touchscreen driver is included in the installer.
- **Push 2 (preview)**: connected by USB. Close Ableton Live while Koala Link uses the Push.
- **Webcam**: a camera, plus macOS permission for Camera and for Screen & System Audio Recording (used to record Koala's sound).

2. Install

1. Download **Koala-Link-1.4.7-Installer.pkg** and open it. Follow the steps and enter your Mac password.
2. The app is not notarized. If macOS blocks it, open System Settings → Privacy & Security and choose **Open Anyway**.
3. Open **Koala Link** from Applications and choose your controller. Connect and power the controller first.
4. On a new Koala installation, Koala Link opens Koala once so it can create its settings. Complete any welcome or permission dialogs. Koala Link then prepares the MIDI mappings and reopens Koala. You do not need to do any MIDI Learn.
5. For MPC Touch, allow **Koala Link** and **mpc_touchd** in System Settings → Privacy & Security → Accessibility when asked.

Upgrading from an earlier version keeps your settings. Your Koala settings and MIDI maps are backed up before any change.

3. MPC Touch controls

Control	What it does
16 pads	Play Koala's pads. Banks A–D cover pads A1–D16. A held pad keeps its sound until you let go, even if you change bank.
Pad bank A–D, tap	Switch the pad bank.
Pad bank A–D, hold	New: solo Koala's mixer track 1–4 while held. Let go to unsolo. Holding also selects that bank.
SHIFT + pad bank A–D	New: turn the solo for track 1–4 on or off, and leave it that way.
FULL LEVEL	Every pad hit at full velocity. Press again for natural velocity.
16 LEVELS	Chopper keyboard mode: the 64 pads across banks A–D play chops 1–64.
REC / PLAY	Koala's record and play.
Q-Link bank button	Step through Q-Link banks A, B, C, D.
Touchscreen	Koala runs full screen on the MPC's display. On-screen bank buttons sit beside Koala's pads, and a MIXER button appears on Koala's Perform page.

Q-Links

Bank	Knobs 1–4
A	Start, length, volume and pitch of the selected pad.
B and C	Free for your own MIDI Learn in Koala.
D (new)	Perform effects: 1 STUTTER, 2 TALKBOX, 3 FILTER, 4 CUTTER. About a quarter turn takes an effect from off to full. Turn it all the way down to switch the effect off.

4. Push 2 (preview)

Push 2 support is a preview: the pads, buttons, encoders and screen are mapped, but full hardware testing is still going on. The complete control list is in **PUSH2-CONTROLS.md** on the project's GitHub page.

5. Webcam

Webcam films you playing, with Koala's own sound, the pad you hit and its waveform, and video effects that follow Koala's Perform effects. Open it from the start screen or the Koala Link menu (**Webcam...**).

Setup

Setting	What it does
Camera	Which camera to use.
Sound	Koala's own sound (recommended) or any audio input.
Shape	16:9 (1920×1080) or 9:16 (1080×1920) for Reels, TikTok and Shorts.
Camera in 9:16	Turn the camera upright, right or left.
Koala screen (tutorial)	Show Koala's window in the video with the camera beside or under it.
Pad and waveform overlay	Show the pad you hit, its waveform and the effects in use.
Video effects	Let STUTTER and CUTTER change the picture.
Mirror camera	Flip the camera like a mirror.
Move things on the picture	Drag Koala's screen and the overlay card where you want them. RESET LAYOUT puts them back.
Choose folder...	Where recordings are saved. Until you choose, they go to Movies/Koala Link.

Video effects

- **STUTTER** repeats the picture in time with Koala's tempo. A small turn of Q-Link D1 repeats every quarter note, and turning further goes to 8ths, 16ths and 32nds. Each repeat fades in smoothly. Turn it all the way down and the video plays normally again.
- **CUTTER** cuts the picture to black in slices at the same kind of rate, set by Q-Link D4.
- **HOLD FOR STUTTER** stutters the video while you hold the button. **LEARN KOALA'S STUTTER** lets the video follow Koala's own on-screen STUTTER after you touch it once.

Sound out

Control	What it does
Meter	The recording's level in dB.
DRIVE	0 to 12 dB of gain into the recording.
MPC3000 OUT	An MPC3000-style clipper for a punchier sound.
LIMITER	Keeps peaks under –1 dB. Its threshold goes from 0 to –20 dB.
LISTEN	Hear the drive, clipper and limiter live instead of Koala's plain sound.

Recording

- **RECORD** starts and stops a recording.
- **ARM** (on the floating preview) waits for your first pad hit and starts recording then.
- **FLOATING PREVIEW** is a small window that stays on top of Koala while you make the beat.
- **OUTPUT WINDOW (FOR OBS)** is a clean picture to capture in OBS for live streaming.

- Files are MP4: H.264 video at 30 fps (about 11 Mbps) and AAC stereo sound at 48 kHz, 256 kbps. They are ready to upload to Instagram, TikTok and YouTube as they are.

6. Troubleshooting

Problem	Try this
The app will not open	System Settings → Privacy & Security → Open Anyway.
The MPC screen is blank	Install DisplayLink Manager and reconnect the MPC Touch.
Touches do nothing	Allow Koala Link and mpc_touchd under Accessibility, then restart Koala Link.
Pads or controls do nothing in Koala	Quit Koala and choose your controller again in Koala Link so it can repair the mapping.
No sound in a Webcam recording	Allow Koala Link under Screen & System Audio Recording, and check that Sound is set to Koala.
No camera picture	Allow Koala Link under Camera.

7. Credits

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