KIOSK.



USER MANUAL · EFFECT PLUGIN · K-02

KIOSK K-02

Vertical stereo by frequency, plus a delay that climbs.

VERSION	PLATFORM	FORMATS	MANUAL DATE
0.5.0	MACOS 11+	AU · VST3 · STANDALONE	NOVEMBER 2026

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CHAPTER 01

Welcome to KIOSK K-02

K-02 is a vertical stereo processor. Ordinary panning moves a sound left and right. K-02 moves it **up and down, per frequency**, like a mic on the floor whose sound opens up into the air. It stays close and dry: no room and no reverb. That is ATRIO's job. K-02 is the sound right here, spread vertically.

On top of that, K-02 has a **vertical delay**, whose repeats climb from the floor into the air, and a **band drive** that saturates one frequency band.

- **FLOOR · TILT · AIR · HEIGHT:** the vertical stereo section.
- **TIME · FEEDBACK · MOD · MIX:** the vertical delay. Each repeat is high-passed a little more, brightened, raised about +0.6 semitone and widened.
- **DRIVE + DRIVE BAND:** wavefolder and fuzz on LOW (below 250 Hz), MID, HIGH (above 3 kHz) or ALL.
- **40 presets in 13 groups**, plus your own.



KIOSK K-02, the main window.

System requirements

Computer	Mac with **Apple Silicon or Intel** (universal build)
System	**macOS 11 Big Sur or later**
Formats	**Audio Unit** effect, **VST3** effect, **Standalone** app
Latency	**0 samples**

CHAPTER 02

Installing K-02

What's in the download

FILE	WHAT IT IS	COPY IT TO
`KIOSK K-02.component`	Audio Unit (Logic Pro, GarageBand, MainStage…)	`~/Library/Audio/Plug-Ins/Components/`
`KIOSK K-02.vst3`	VST3 (any VST3 host)	`~/Library/Audio/Plug-Ins/VST3/`
`KIOSK K-02.app`	Standalone app (optional)	`~/Applications/` or `/Applications/`

Your download may come as a .zip or disk image. Unzip or open it first.

1. Open the Finder and choose **Go › Go to Folder…** (Shift+Cmd+G). Paste `~/Library/Audio/Plug-Ins/` and press Return. If the **Components** or **VST3** folders don't exist, create them.
2. Drag `KIOSK K-02.component` into **Components** and `KIOSK K-02.vst3` into **VST3**.
3. Optionally drag `KIOSK K-02.app` into Applications.
4. Restart your DAW and let it rescan.

> **IMPORTANT**
> This build is **ad-hoc signed and not notarized by Apple**, so macOS treats it as coming from an unidentified developer. The first time, the DAW may say the plugin "can't be opened" or "is damaged", or the app may be blocked. Nothing is wrong with the file. Follow the steps below once.

OPENING IT THE FIRST TIME

- **Standalone app, macOS 15 or newer:** double-click the app, click **Done**, then open **System Settings › Privacy & Security**, scroll to **Security** and click **Open Anyway**. Confirm with your password and click **Open Anyway** again.
- **Standalone app, macOS 11–14:** right-click the app › **Open** › **Open**.
- **Plugins inside a DAW:** if the DAW refuses to load them, use the Terminal fallback below. It is the fastest fix for AU and VST3 bundles.

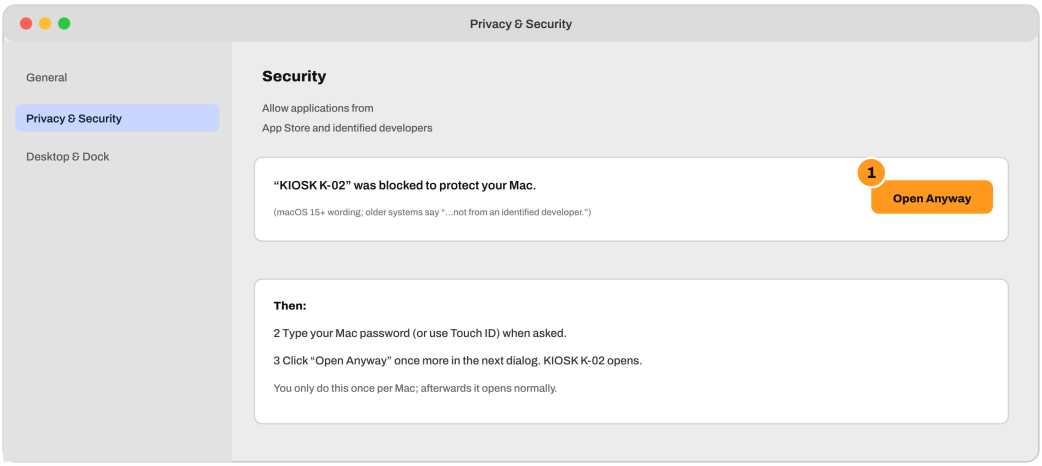


Illustration of the Open Anyway button. Your screen may look slightly different.

IF MACOS STILL BLOCKS IT: THE TERMINAL FALLBACK

If you get **"can't be opened"** or **"is damaged and can't be opened"**, the download flag is still on the file. Clear it once in **Terminal** (Applications › Utilities). Copy the line for the file that is blocked:

```
xattr -dr com.apple.quarantine ~/Applications/"KIOSK K-02.app" xattr -dr com.apple.quarantine ~/Library/Audio/Plug-Ins/Components/"KIOSK K-02.component" xattr -dr com.apple.quarantine ~/Library/Audio/Plug-Ins/VST3/"KIOSK K-02.vst3" killall -9 AudioComponentRegistrar
```

The last line refreshes the Audio Unit list. Then quit and reopen your DAW. These commands only remove the "downloaded from the internet" flag from KIOSK's own files.

Make your DAW see the plugin

- **Logic Pro / GarageBand / MainStage (AU):** quit and reopen. If the plugin is missing, open **Logic Pro › Settings › Plug-in Manager**, select the plugin and click **Reset & Rescan Selection**.
- **Any VST3 host:** use the host's plugin rescan command, or restart it. The VST3 lives in `~/Library/Audio/Plug-Ins/VST3` (or `/Library/Audio/Plug-Ins/VST3` for all users).
- Look for it under the maker name **Carlos Ferrin** or under **KIOSK K-02**.

Demo and activation

KIOSK K-02 is fully featured for **14 days**. The **DEMO · N DAYS** pill at the top shows the time left. After the demo it reads **DEMO ENDED · ACTIVATE**. The plugin keeps working, but the audio fades out briefly (about one second) roughly once a minute. There are no pop-ups.

1. Click the **DEMO** pill. The activation panel opens.
2. Type the **EMAIL** you bought with and paste the **LICENSE KEY**. It starts with `KIOSK1-`. **PASTE** fills it from the clipboard.
3. Click **ACTIVATE**. The pill turns to **LICENSED**, and the message tells you how many of your computers are in use.

- Activation needs internet once. After that the plugin works offline on that computer.
- Moving to a new Mac? Click **DEACTIVATE THIS COMPUTER** on the old one first, while it is online. That frees the activation.

- A **bundle** key unlocks all four plugins of the series (ATRIO, K-02, DEAI, PLAYER) at once.
- The license is stored in `~/Library/Application Support/KIOSK/license.json`.

CHAPTER 03

Quick start

1. Insert **KIOSK K-02** on a stereo track or bus.
2. Start from **INIT**. Raise **HEIGHT** to spread the highs upward and outward while the lows stay centred.
3. Use **TILT** to move the balance down to the floor (below 0.50) or up into the air (above 0.50). 0.50 is flat.
4. Add **AIR** for an open top, and **FLOOR** for the weight of a mic on the boards.
5. For echoes that climb, raise the delay **MIX** and **FEEDBACK**, then set **TIME**. Turn on **SYNC** to lock it to your song's tempo.

CHAPTER 04

The controls



The K-02 window. The numbers match the list below.

1. **DEMO pill:** demo days left, or LICENSED. Click it to activate.
2. **PRESET field with ‹ › arrows.**
3. **Product card** (*Low floor · Body · High air*).
4. **Band display:** AIR (8–20 kHz, high), BODY (250 Hz–4 kHz) and FLOOR (20–250 Hz, low). Display only.
5. **AIR.**
6. **HEIGHT.**
7. **TILT.**
8. **FLOOR.**
9. **TIME:** delay time.
10. **FEEDBACK:** how many repeats.
11. **MOD:** tape-style wobble of the repeats.
12. **MIX:** level of the delay.
13. **DRIVE:** amount of band drive.
14. **DRIVE BAND:** LOW / MID / HIGH / ALL.
15. **SYNC:** delay time in note values.
16. **DIRECT switch:** bypass.
17. **KIOSK. badge:** OPEN MY PRESETS FOLDER · SAVE CURRENT AS…

Vertical stereo

KNOB	BAND	WHAT IT DOES (0 = UNTOUCHED)
FLOOR	Lows + floor bounce	A mic on the floor. Boundary low shelf and a tight thump, plus a short floor-bounce reflection on the lows and mids. This is the phasey “capsule near the boards” colour, not a room.
TILT	Full range	The spectral centre of gravity. **0.50 = flat.** Lower sinks toward the floor, higher rises into the air. It is a pair of shelves pivoting at 800 Hz, without resonance or compression.
AIR	Highs above 3 kHz	An open top: a 10 kHz air shelf and a gentle exciter. No reflections, no reverb.
HEIGHT	All	The signature control: vertical stereo by frequency. Elevation cues on the highs, lows folded toward mono (down), mids untouched, highs widened (up).

With FLOOR, AIR and HEIGHT at 0 and TILT at 0.50, K-02 leaves the sound flat.

Vertical delay and drive

CONTROL	WHAT IT DOES
TIME	Free time from **20 ms to 1.2 s**, or with **SYNC** on: 1/32, 1/16T, 1/16, 1/8T, 1/16D, 1/8, 1/4T, 1/8D, 1/4, 1/4D, 1/2, 1/2D, 1 BAR (follows the host tempo)
FEEDBACK	Number of repeats. Each pass climbs: more high-pass, brighter, about +0.6 semitone higher, wider.
MOD	Tape-style wobble on the repeats (up to about 4 ms)
MIX	Delay level. At 0 the delay is off.
DRIVE	Envelope-normalised wavefolder and fuzz
DRIVE BAND	Which band is driven: **LOW** (below 250 Hz), **MID**, **HIGH** (above 3 kHz) or **ALL**
DIRECT	Bypass (host bypass, MIDI CC 29), with a click-free crossfade

Moving TIME while the delay sounds glides the pitch of the repeats, like tape. **Double-click** any knob to reset it.

CHAPTER 05

Presets

Using presets

Click the **PRESET** field at the top right to open the list. The factory presets are grouped into sub-lists, and a dot marks the group and preset that are active. The **‹ ›** arrows step to the previous or next preset without opening the list.

MY PRESETS

At the bottom of the list, **MY PRESETS** holds your own presets (sorted A–Z), followed by the actions:

- **SAVE AS…:** the preset field turns into a text box. Type a name (A–Z, 0–9, space, `-`, `_`, `.`, up to 16 characters; always capitals). **Return** saves; **Esc** cancels. If the name exists, you are asked whether to replace it.
- **SAVE:** overwrites the active user preset (only when one of your presets is active).
- **DELETE:** removes the active user preset after a confirmation. The sound stays as it is.
- Messages you may see: **SAVED.**, **GONE.** (deleted), **DISK SAYS NO.** (the file could not be written; check the folder permissions).

The **KIOSK.** badge at the bottom left opens a small menu with **OPEN MY PRESETS FOLDER** and **SAVE CURRENT AS…**. Each preset is a small file that you can copy to another Mac.

RESET TO DEFAULTS

- **One knob: double-click** it to return to its default.
- **Everything:** load the first factory preset (INIT).
- Your DAW session stores the current settings and preset name, so a project reopens exactly as you left it.

Factory presets

The table shows the four vertical-stereo values. The **VERTICAL** presets also set the delay (TIME, SYNC, FEEDBACK, MOD, MIX), and the **DRIVE** presets set the drive and its band.

GROUP	PRESET	FLOOR	TILT	AIR	HEIGHT
Init	INIT	0.30	0.50	0.30	0.50
Vocal	VOX·CLOSE	0.35	0.45	0.35	0.40
	VOX·AIRBORNE	0.10	0.70	0.70	0.80
	VOX·FLOOR LEVEL	0.65	0.30	0.15	0.30
	VOX·OPEN TOP	0.15	0.60	0.80	0.65
Drums	DRUM·FLOOR MIC	0.80	0.40	0.20	0.50
	DRUM·SPREAD	0.45	0.55	0.55	0.90
	DRUM·KICK PZM	0.95	0.30	0.05	0.60
	DRUM·OVERHEAD AIR	0.10	0.75	0.70	0.95

GROUP	PRESET	FLOOR	TILT	AIR	HEIGHT
Bass	BASS·BOUNDARY	0.80	0.35	0.05	0.85
	BASS·LOW CENTRE	0.55	0.25	0.10	1.00
	BASS·TIGHT	0.60	0.45	0.10	0.70
Guitar	GTR·GROUNDED	0.50	0.40	0.25	0.45
	GTR·ACOUSTIC UP	0.25	0.60	0.60	0.70
	GTR·TOP WIDE	0.20	0.65	0.45	0.90
Keys	KEYS·RISING	0.25	0.65	0.60	0.80
	KEYS·PIANO LID	0.40	0.50	0.45	0.60
	KEYS·E-PIANO LOW	0.50	0.35	0.30	0.55
Synth	PAD·STRATOSPHERE	0.15	0.80	0.85	1.00
	PAD·COLUMN	0.30	0.55	0.60	1.00
	SYNTH·LEAD HIGH	0.10	0.70	0.55	0.60
Mix	MIX·VERTICAL	0.30	0.55	0.35	0.70
	MIX·TILT UP	0.15	0.68	0.35	0.50
	MIX·TILT DOWN	0.40	0.32	0.15	0.50
Space	SPACE·GROUND TO SKY	0.55	0.50	0.70	1.00
	SPACE·HEADROOM	0.20	0.60	0.50	0.85
	SPACE·ZENITH	0.05	0.85	0.90	1.00
Floor	FLOOR·BOARDS	0.75	0.40	0.20	0.40
	FLOOR·UNDERFOOT	1.00	0.15	0.00	0.60
Fx	FX·VERTIGO	0.70	0.60	0.95	1.00
	FX·BELOW	1.00	0.05	0.00	0.80
Vertical	CLIMBING ECHO	0.30	0.55	0.40	0.60
	STAIRWAY DUB	0.55	0.45	0.30	0.70
	RISING SLAP	0.30	0.55	0.35	0.55
	SKYWARD WOBBLE	0.20	0.65	0.60	0.85
	ELEVATOR SHAFT	0.60	0.40	0.20	0.50
Drive	FOLDED FLOOR	0.60	0.40	0.15	0.40
	MID FUZZ BOX	0.30	0.50	0.30	0.50
	BROKEN TWEETER	0.20	0.60	0.50	0.60
	TOTAL MELTDOWN	0.50	0.50	0.40	0.70

CHAPTER 06

MIDI and automation

MIDI control and automation

KIOSK K-02 listens to these MIDI CCs **on any channel**. Send them from a controller to the plugin's track, or draw them in your DAW.

CONTROL	MIDI CC	NOTES
FLOOR	25	
TILT	26	
AIR	27	
HEIGHT	28	
DIRECT	29	≥ 64 = bypassed
TIME · FEEDBACK · MOD · MIX · DRIVE · DRIVE BAND · SYNC	—	Host automation only (no fixed CC)

Every control is also a normal **host parameter**, so you can automate it in your DAW and use your DAW's own MIDI Learn. The KIOSK effect plugins use separate CC ranges (ATRIO 20–24, K-02 25–29, K-03 DEAI 102–106, K-04 PLAYER 85–87, 89, 90), so all four can share one controller and one channel.

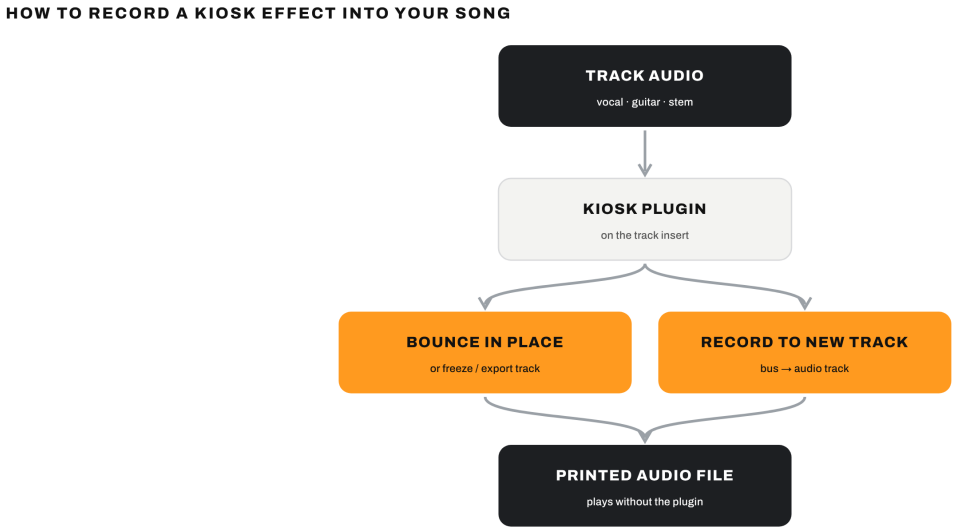
> **NOTE**
> Hosts route MIDI to effects differently. In Logic Pro, pick the MIDI source in the **side-chain menu at the top of the plugin window** (MIDI-controlled effects). In other hosts, route a MIDI track to the effect. Automation needs no MIDI at all.

CHAPTER 07

Recording and bouncing

Recording and bouncing: getting the effect into your song

KIOSK K-02 is an audio effect. It changes the sound of a track live, and nothing is saved as audio until you **print** it. Do this when you want a file that sounds the same without the plugin, for example to send stems, to save CPU, or to finish a mix.



The two common ways to print an effect.

METHOD A: BOUNCE THE TRACK IN PLACE (LOGIC PRO)

1. Put KIOSK K-02 on the track's insert and set it the way you like.
2. Select the track and choose **Track › Bounce Track in Place…** (for a single region, use **Bounce Regions in Place**).
3. Turn on **Include Audio Tail** so delays and reverbs ring out, and choose whether to bypass the plugins on the original track. Click **OK**.
4. Logic creates a new audio track with the effect printed. Solo it to check it.

METHOD B: RECORD THROUGH A BUS (ANY DAW)

1. Send the source track to a bus, and put KIOSK K-02 on that bus (or keep it on the source track).
2. Create a new audio track whose **input** is that bus. Arm it and record the passage in real time.
3. Mute the original. Your new audio track is the printed effect.

METHOD C: EXPORT A FINISHED MIX OR STEM

Use your DAW's **Export / Bounce** command, for example **File › Bounce › Project or Section…** (Cmd+B) in Logic Pro. Every insert is rendered, KIOSK K-02 included. Most DAWs also have **Freeze**, which saves CPU but keeps the track editable.

TIP

Before you print, check that you are **not in the demo's dropout phase** (after day 14 without a license). Otherwise the short dropouts get recorded too.

CHAPTER 08

Troubleshooting and FAQ

The DAW doesn't list the plugin. Check that the `.component` and `.vst3` are in your user or main Library `Audio/Plug-Ins` folders, run the Terminal fallback above, and rescan (chapter 2). Look under the maker name **Carlos Ferrin**.

"Can't be opened" / "is damaged". This is Gatekeeper, not a broken file. See *Opening it the first time* and the Terminal fallback.

The sound drops out briefly about once a minute. The 14-day demo has ended. Activate with your license key (chapter 2).

My knob moves don't stick: automation keeps resetting them. Your DAW is in automation *Read* mode with recorded data. Switch the track to *Off* or *Touch*, or delete the automation lane.

I want to compare with the original. Use the bypass switch. It is the host bypass parameter, so it is automatable and click-free.

Where are my presets? See *Where your files live*. Copy that folder to move them to another Mac.

CPU or latency? KIOSK K-02 reports **zero latency**. Its tail (the delay repeats) lets your DAW render the last echoes when you bounce.

My mix collapses in mono. K-02 keeps the lows mono-safe, but strong HEIGHT widens the highs. Check in mono, and back HEIGHT off if the top thins out.

The delay isn't in time. Turn **SYNC** on. In the Standalone there is no host tempo, so use free time.

Where your files live

WHAT	WHERE
Your presets (.k02preset)	`~/Library/Application Support/KIOSK K-02/Presets`
License	`~/Library/Application Support/KIOSK/`

To open a folder that starts with `~/Library`, use **Finder › Go › Go to Folder…** (Shift+Cmd+G) and paste the path.

Uninstalling

Delete these items. Each one may be in your user Library (`~/…`) or in the main Library (`/…`), depending on how you installed:

- `~/Applications/KIOSK K-02.app (or /Applications/KIOSK K-02.app)`
- `~/Library/Audio/Plug-Ins/Components/KIOSK K-02.component`
- `~/Library/Audio/Plug-Ins/VST3/KIOSK K-02.vst3`

Your presets and settings in `~/Library/Application Support/` are kept unless you delete them too.

CHAPTER 09

Version history

VERSION	CHANGES
0.5.0 (this manual)	New KIOSK look. 40 presets in 13 groups. MY PRESETS. 14-day demo and license activation.
0.4	**Vertical delay** (TIME, SYNC, FEEDBACK, MOD, MIX) and **band drive** (DRIVE, DRIVE BAND), with the new VERTICAL and DRIVE preset groups.
0.2	Vertical stereo processor: FLOOR, TILT, AIR, HEIGHT and DIRECT, with 31 presets.

Version 0.3 is not documented separately.

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