KIOSK.



USER MANUAL · EFFECT PLUGIN · K-01

ATRIO

Mall atrium PA: put any sound on a ceiling speaker, far away, in a big space.

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

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CHAPTER 01

Welcome to ATRIO

ATRIO (KIOSK K-01) makes any sound play through the ceiling speakers of a big shopping-mall atrium. Turn one knob and a vocal sounds like a PA announcement. Turn another and it moves across the hall, into the glass, the columns and the crowd. It works on vocals, drums, full mixes, and anything else that needs a place.

- **PA:** the ceiling speaker itself, from a clean installed system to a loud, honky, half-blown one.
- **DISTANCE:** from right under the speaker to far across the atrium, with three delayed ceiling speakers, early reflections and a long tail.
- **SIZE:** the crowd ambience of the space (voices and air-conditioning hum). It ducks under your signal.
- **MIX:** dry to wet.
- **32 presets** organised by mall floor, from the ground floor to the parking level, plus your own.



ATRIO K-01, 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
Channels	Mono or stereo in, stereo out
Latency	**0 samples** (reported tail: 6 s)

CHAPTER 02

Installing ATRIO

What's in the download

FILE	WHAT IT IS	COPY IT TO
`ATRIO.component`	Audio Unit (Logic Pro, GarageBand, MainStage…)	`~/Library/Audio/Plug-Ins/Components/`
`ATRIO.vst3`	VST3 (any VST3 host)	`~/Library/Audio/Plug-Ins/VST3/`
`ATRIO.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 `ATRIO.component` into **Components** and `ATRIO.vst3` into **VST3**.
3. Optionally drag `ATRIO.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.

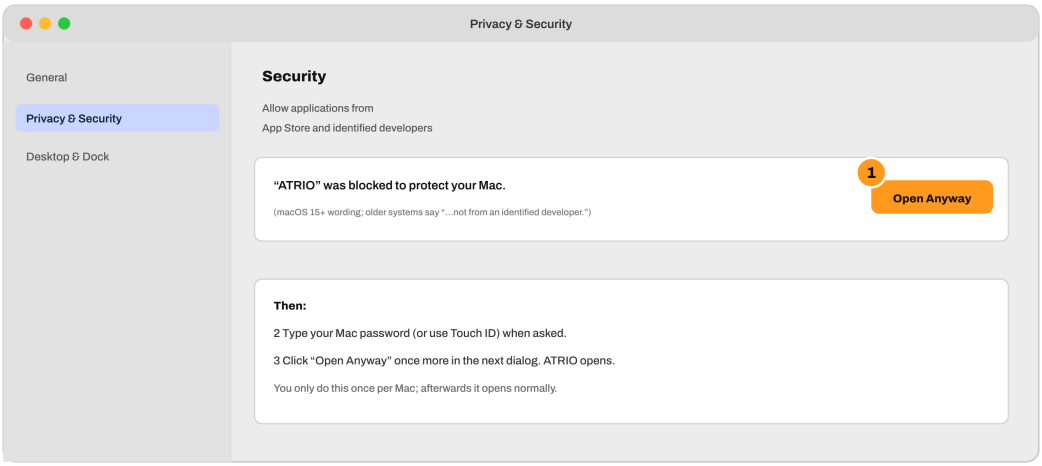


Illustration of the Open Anyway button. Your screen may look slightly different.

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/"ATRIO.app" xattr -dr com.apple.quarantine ~/Library/Audio/Plug-Ins/Components/"ATRIO.component" xattr -dr com.apple.quarantine ~/Library/Audio/Plug-Ins/VST3/"ATRIO.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 **ATRIO**.

Demo and activation

ATRIO 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 **ATRIO** on an audio track or bus, as an insert effect.
2. Play your track. ATRIO loads **ENTRANCE** (PA 0.50 · DISTANCE 0.40 · SIZE 0.25 · MIX 100 %).
3. Turn **DISTANCE** up to send the sound further away, and **PA** up to make the speaker cheaper and louder.
4. Add **SIZE** for the crowd murmur of a busy mall.
5. Lower **MIX** to blend the original back in. On a bus or send, keep it at 100 %.
6. Browse the presets with the **‹ ›** arrows next to PRESET, or click the field for the full list.

> **TIP**
> For the classic “announcement” sound, try **INFO DESK** or **PHONE SHOP**. For a far, dreamy hall, try **SKYLIGHT** or **CLOSING TIME**.

The Standalone app runs ATRIO on your live audio input, for example a microphone. Choose your devices with **Options › Audio/MIDI Settings…** in the window’s title bar, and use headphones to avoid feedback.

CHAPTER 04

The controls



The ATRIO window. The numbers match the list below.

1. **DEMO pill:** days left in the demo, or LICENSED. Click it to activate.
2. **PRESET field with ‹ › arrows:** the current preset. Click it for the list.
3. **Product card:** the ATRIO module and its short description (*Ceiling PA · Atrium reflections*).
4. **Ceiling array:** ten lights that follow the output level. Display only. They go dark when bypassed.
5. **PA** (QUIET → LOUD).
6. **DISTANCE** (NEAR → FAR).
7. **SIZE** (SMALL → LARGE).
8. **MIX** (DRY → WET).
9. **KIOSK. badge:** menu with OPEN MY PRESETS FOLDER and SAVE CURRENT AS…
10. **BYPASS switch.**

KNOB	RANGE	WHAT IT DOES
PA	QUIET → LOUD (default 0.50)	The ceiling speaker. Low settings sound like a decent installed PA (about 110 Hz to 9.5 kHz). High settings sound like a cheap, half-blown speaker (about 650 Hz to 1.9 kHz) with a nasal “honk” and slight breakup.
DISTANCE	NEAR → FAR (default 0.40)	Where the listener stands. Three ceiling speakers arrive with increasing delay (up to about 67 ms), followed by early reflections from the floor, glass and columns and a long reverb tail (about 1.1 to 4.8 s) that gets darker with distance. Far means more room and less direct sound.
SIZE	SMALL → LARGE (default 0.25)	The life of the space: a crowd murmur and an air-conditioning hum inside the reverb. It **ducks** under your signal, so it fills the gaps rather than covering the sound.
MIX	DRY → WET (default 100 %)	Equal-power dry/wet blend. At 0 % it is a clean bypass.
BYPASS	on / off	The host bypass. It is automatable, responds to MIDI CC 24, and switches without clicks.

- **Double-click** a knob to reset it to its default.

- The output has a gentle safety limiter (ceiling about −0.5 dBFS), and the overall level roughly matches the dry signal.

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 (ENTRANCE).
- Your DAW session stores the current settings and preset name, so a project reopens exactly as you left it.

The 32 factory presets

The list is organised like a mall directory, from the ground floor up to the atrium, plus the basement (B1). The values are shown as the knobs display them.

GROUP	PRESET	PA	DISTANCE	SIZE	MIX
Ground	ENTRANCE	0.50	0.40	0.25	100 %
	FOOD COURT	0.65	0.60	0.85	100 %
	INFO DESK	0.75	0.55	0.50	100 %
	FOUNTAIN	0.30	0.60	0.20	90 %
	CAFE	0.35	0.40	0.35	65 %
	PIANO LOBBY	0.35	0.55	0.25	90 %
Level 1	HOME	0.45	0.25	0.20	85 %
	FURNITURE	0.70	0.40	0.15	60 %
	BED & BATH	0.48	0.92	0.45	100 %

GROUP	PRESET	PA	DISTANCE	SIZE	MIX
	KITCHEN	0.45	0.20	0.10	60 %
	GARDEN	0.50	0.60	0.20	70 %
Level 2	TECH	0.50	0.50	0.10	60 %
	ARCADE	0.75	0.35	0.20	80 %
	MUSIC STORE	0.50	0.35	0.20	80 %
	CINEMA	0.40	0.75	0.25	65 %
	PHONE SHOP	1.00	0.40	0.20	100 %
Level 3	FASHION	0.60	0.65	0.40	100 %
	SHOES	0.55	0.60	0.45	75 %
	BOUTIQUE	0.58	0.75	0.35	100 %
	FITTING ROOM	0.70	0.80	0.40	100 %
	PERFUME	0.60	0.70	0.30	100 %
	ESCALATOR	0.45	0.50	0.20	75 %
B1	PARKING	0.55	0.60	0.25	75 %
	LOADING DOCK	0.90	0.70	0.40	100 %
	SECURITY 3AM	0.80	0.90	0.70	100 %
	STAIRWELL	0.65	0.95	0.30	65 %
	ELEVATOR	0.70	0.60	0.30	100 %
Atrium	SKYLIGHT	0.50	0.88	0.30	100 %
	CHAPEL ORGAN	0.40	0.80	0.15	80 %
	VAPOR PLAZA	0.65	0.85	0.35	100 %
	CLOSING TIME	0.60	1.00	0.00	100 %
	BLACK FRIDAY	0.60	0.60	1.00	100 %

CHAPTER 06

MIDI and automation

MIDI control and automation

ATRIO 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
PA	20	0–127 = QUIET → LOUD
DISTANCE	21	NEAR → FAR
SIZE	22	SMALL → LARGE
MIX	23	DRY → WET
BYPASS	24	≥ 64 = bypassed

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.

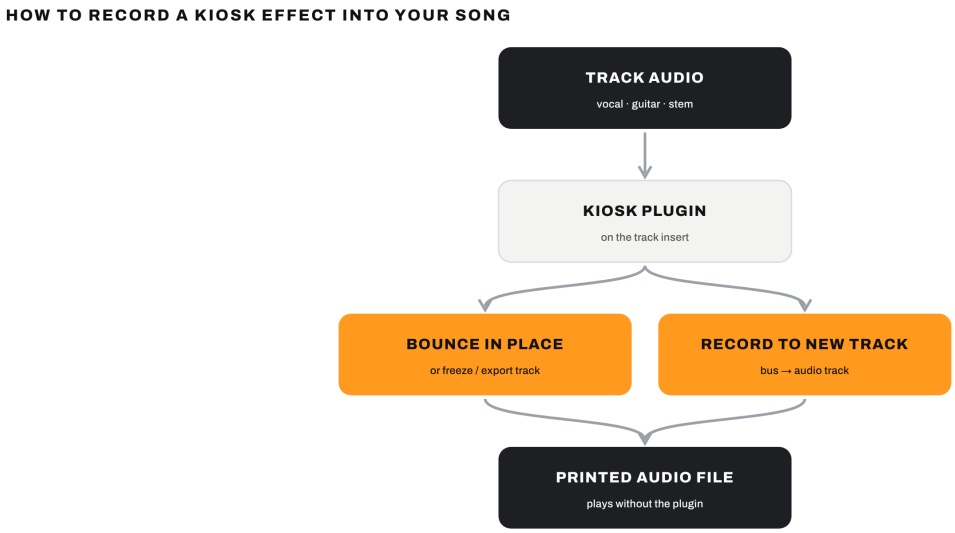
> **NOTE**
> Hosts route MIDI to effects differently. In Logic Pro, pick the MIDI source in the **side-chain menu at the top of the plugin window** (MIDI-controlled effects). In other hosts, route a MIDI track to the effect. Automation needs no MIDI at all.

CHAPTER 07

Recording and bouncing

Recording and bouncing: getting the effect into your song

ATRIO 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 ATRIO 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 ATRIO 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, ATRIO 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? ATRIO reports **zero latency**. Its tail (6 s) lets your DAW render the last echoes when you bounce.

The plugin hums or murmurs on its own when nothing plays. That is **SIZE**, the crowd ambience. Turn SIZE down to 0 for complete silence between phrases.

Where your files live

WHAT	WHERE
Your presets (.atriopreset)	`~/Library/Application Support/ATRIO/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/ATRIO.app (or /Applications/ATRIO.app)`
- `~/Library/Audio/Plug-Ins/Components/ATRIO.component`
- `~/Library/Audio/Plug-Ins/VST3/ATRIO.vst3`

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

CHAPTER 09

Version history

VERSION	CHANGES
0.8.0 (this manual)	New KIOSK look (white and brushed aluminium). Knobs labelled **PA, DISTANCE, SIZE, MIX**. Ceiling-array level display. 32 presets by mall floor (GROUND, LEVEL 1–3, B1, ATRIUM). MY PRESETS. 14-day demo and license activation.
0.7 / 0.7.1	Mall-themed interface. Factory presets renamed as mall places (values unchanged; older sessions still find their preset). The user-preset section was renamed MY PRESETS.
0.6	Hi-fi module design. User presets with SAVE / SAVE AS / DELETE.

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