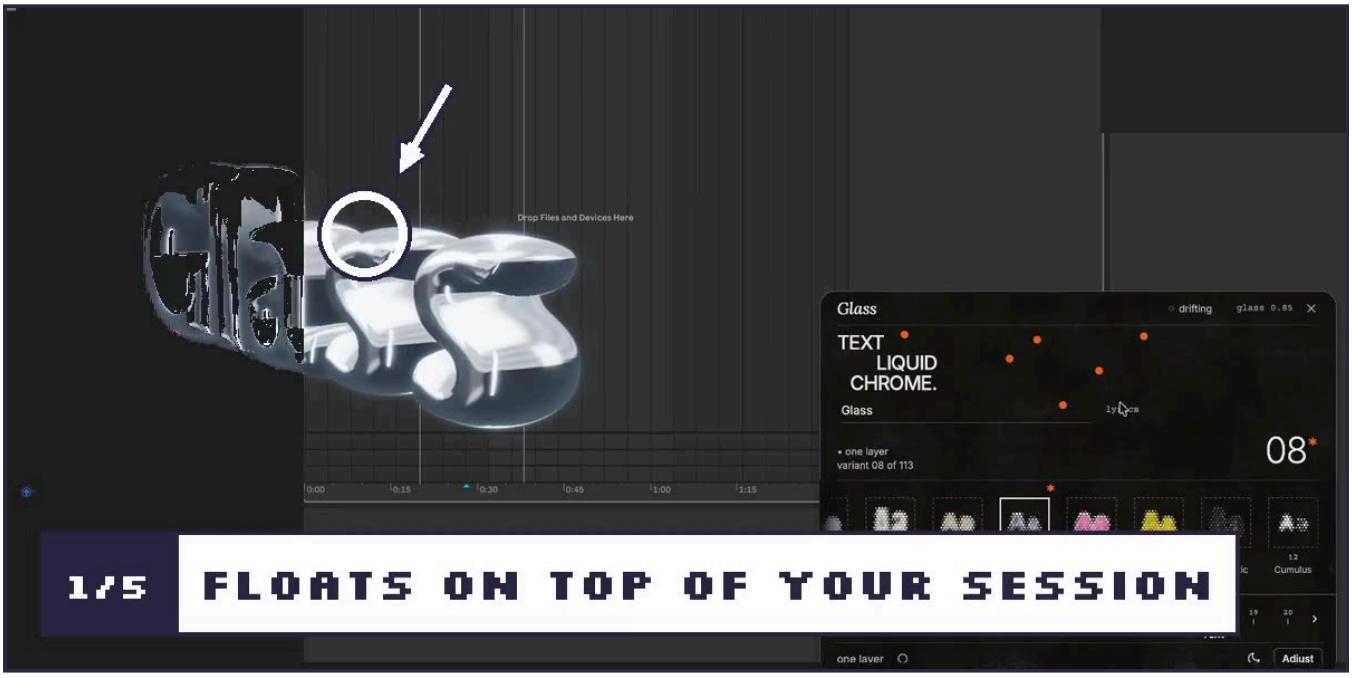
AUDIO · SCENES AND TITLES

GLASS

Your title, 113 finishes.

Glass 1.0 · guide · friendsupstairs.co

Glass sets a name, a song title or your own words in finishes like liquid chrome, neon tube, disco mirror and party balloons, with 3D objects that move to the music. Float it over your session with no background around it, or go full screen for your screen recorder.



Recorded in Glass over a music session, cut into five steps with labels added.

WHAT YOU CAN DO

Floats on top of your session
No box around it, just what Glass draws.

Type a title. 113 finishes.
Liquid chrome, rose flow, disco mirror, neon tube and the rest.

Your own words, lit up
Any word or name, in any finish.

Objects that move to the music
Fur, shards, planets and more, reacting to the track.

Change the look in one click

Preview a preset, then click to keep it.

START HERE

1. Put Glass on a track that has sound, such as the master or a bus. It's an audio effect, and the sound passes through unchanged.
2. Open its window and type your title.
3. Pick a finish and a scene. Preview a preset, then click to keep it.
4. Press Float: the visual moves into its own see-through window above everything, with no background. Return brings it back.

GETTING THE VIDEO OUT

- **Float, then screen-record:** macOS's own recorder is Shift-Command-5. Record just the area around the visual.
- **Full screen:** for a clean recording of the whole display.

WHAT IT NEEDS

macOS	11 Big Sur or later.
Mac	Apple silicon or Intel.
Formats	Audio Unit and VST3.
Download	463 MB.

GOOD TO KNOW

- The floating visual opens on your main screen. Drag it to another screen if you work across two.
- Glass draws in 3D with your Mac's graphics. We've checked it on Apple silicon; on an older Intel Mac, heavy scenes may run slower.

HELP: ALL FOUR PLUG-INS

Installing, finding the plug-ins in your music app, permissions, and what to do when something's off. If it isn't here, write to contact@friendsupstairs.co.

WHAT YOU NEED

	Xplor	Glass	Ondas	Handframe
macOS	12 or later	11 or later	11 or later	14 or later
Apple silicon	Yes	Yes	Yes	Yes
Intel	Yes, except face and body tracking	Yes	Yes	Yes, tracking runs slower
Formats	AU, VST3	AU, VST3	AU, VST3, app	AU, VST3
Listens to	Audio	Audio	MIDI notes	Your webcam
Download	847 MB	463 MB	178 MB	24 MB

Checked in Ableton Live 12, FL Studio 2026, REAPER 7, Bitwig Studio 6, Logic Pro and GarageBand. Not supported: Pro Tools (it needs AAX). Windows versions are coming; there's no date yet.

macOS versions by name: 11 Big Sur, 12 Monterey, 14 Sonoma. To check yours: Apple menu › About This Mac.

INSTALL

1. Open the downloaded `.pkg` file and follow the installer. It asks for your Mac's password, because plug-ins go in a folder every user shares.
2. Quit and reopen your music app.

Where things go: `/Library/Audio/Plug-Ins/Components` (Audio Unit) and `/Library/Audio/Plug-Ins/VST3`. Ondas also adds the Ondas app, its presets, and a small helper for Ableton Live. The installers are signed and checked by Apple, so macOS opens them without warnings.

FIND IT IN YOUR MUSIC APP

All four are listed under the maker **friends upstairs**.

Ableton Live

In the browser, Plug-Ins. Not there? Settings › Plug-Ins: switch on "Use Audio Units v2" or "Use VST3 Plug-In System Folders", then Rescan.

Logic Pro

An Audio FX slot › Audio Units › friends upstairs. Logic checks new plug-ins when it opens. If one's missing: Logic Pro › Settings › Plug-in Manager, select it, then Reset & Rescan Selection.

GarageBand

GarageBand › Settings › Audio/MIDI: tick Enable Audio Units. Then a plug-in slot › Audio Units › friends upstairs.

FL Studio

Options › Manage plugins › Find installed plugins. They then appear in the plug-in picker.

REAPER

Add an effect to a track and search "friends upstairs". Not there? Settings › Plug-ins › VST › Re-scan.

Bitwig Studio

Bitwig scans plug-ins when it starts. To look again: Settings › Locations › Rescan.

Xplor, Glass and Handframe go on a track as audio effects; the sound passes through unchanged. Ondas goes on an instrument or MIDI track: see the next section.

Ondas and MIDI

Ondas needs the notes, so it goes on an instrument or MIDI track, after the instrument. When it isn't getting notes, it shows a short guide for the app it's in, with a light that turns green when notes arrive. The steps for each app are on the Ondas page. The two that need an extra step:

- **FL Studio:** in Ondas, the cog, then the plug-and-cog tab: MIDI Input port 1. Add a MIDI Out channel on port 1 and put the notes there.
- **GarageBand:** it doesn't pass a track's notes to plug-ins. Play your MIDI keyboard (Ondas hears it directly), or load the part's MIDI file with MIDI on Ondas's bar.

Camera and screen permissions

macOS asks your **music app** for permission, not the plug-in. If you once said no, the camera picture stays black and screen recording does nothing.

1. Open System Settings › Privacy & Security.
2. **Camera** (Xplor's webcam, Handframe): switch on your music app. **Microphone**: only for Handframe's Mic and Xplor's voice-over. **Screen & System Audio Recording** (called Screen Recording on older macOS): for Xplor's screen recording.
3. Quit and reopen your music app.

Nothing from your camera, screen or microphone is sent to us. It's all processed on your Mac. See Privacy.

SOMETHING'S OFF

The plug-in isn't in the list

Quit and reopen the app, then rescan (above). Check your macOS version against the table: Handframe needs macOS 14, Xplor 12. If the app runs under Rosetta, it needs the Intel half, which is included.

Xplor's background cut-out or face effects don't work

On an Intel Mac, the effects that track your face and body need Apple silicon for now. Everything else in Xplor works.

The camera picture is black

See permissions. Also check no other app is using the camera.

Ondas shows no chords

It isn't getting notes. Follow its on-screen guide, or the steps on the Ondas page.

It's slow or stutters

Close other plug-in windows you aren't using, and make the plug-in's window smaller. These draw with your Mac's graphics, so older Intel Macs work harder. Tell us your Mac and app: it helps us tune them.

I can't find Glass's floating visual

It opens on your main screen. If it's hidden, use the recover option in Glass's window: it brings the visual back onto the screen.

UNINSTALL

Quit your music apps, then move these to the Bin (Finder › Go › Go to Folder, and paste the path):

- `/Library/Audio/Plug-Ins/Components/`: Xplor.component, Glass.component, Ondas.component, Ondas MIDI.component, Handframe.component
- `/Library/Audio/Plug-Ins/VST3/`: Xplor.vst3, Glass.vst3, Ondas.vst3, Handframe.vst3
- Ondas only: `/Applications/Ondas.app`, `/Library/Application Support/Ondas`, and the Ondas folder in `~/Music/Ableton/User Library/Remote Scripts`
- Your own settings and looks, if you want them gone too: `~/Library/Application Support/friends upstairs`

Recordings you made stay in your Movies folder.

DOWNLOADS, KEYS AND REFUNDS

- **Lost your download?** Get fresh links on the Downloads page with the email you bought with.
- **Licence key:** it's in your order email. Version 1.0 doesn't ask for it; updates may. One key covers everything in the order, on up to 2 of your computers.
- **Updates** within version 1 are free. See Version history.

- **Refunds** within 14 days, no questions: see Refunds.

CONTACT

Write to contact@friendsupstairs.co. It helps to say which plug-in, your music app and its version, your Mac (Apple silicon or Intel) and your macOS version. We reply within two working days.