

FRED

Fast Response Effects Deck by schwwaaa

Presets

ON AIR

Stop all

+ Add

Every sound you own, one keystroke away

A local soundboard that mixes with your microphone and feeds Discord, Steam and Audacity.

FRED holds your library of sounds, lets you tag, colour and search them in an instant, and plays them the moment you ask. Shape any sound with the waveform editor, run voice effects on your mic, the samples or the whole mix, and send the result to any app that accepts an audio input. Everything runs on your own computer: no accounts, no subscriptions, no network.

Built for the live moment: a Draft/Live switch and ON AIR button keep unapproved sounds off the air, the mic is always off at launch, and your session autosaves so a crash costs you nothing.



The editor: click to place a playhead, set In and Out, fade swells, 8-band EQ and per-sound effects.

BASIC OPERATION

Get playing in five steps

- 1. Add.** Press + Add and choose WAV, MP3, FLAC, OGG or AAC files.
- 2. Tag.** Click a name to rename it in place. The pencil sets tags and colour. Filter with chips and dots, or search (🔍).
- 3. Play.** Click a card. A second click restarts it (or stops, or layers, per card). **[Esc]** stops all. Drag a card to reorder.
- 4. Key it.** Click the keyboard chip, then press a key or hit a MIDI pad. Or press **Auto map** to do the whole board in order.
- 5. Shape it.** Edit waveform: click to place a playhead, **[Space]** plays and pauses, **[I]** **[O]** set In and Out there.

SAFETY FIRST

Keep the wrong thing off the air

- LIVE / DRAFT** Drafts play on your Monitor only. Make a sound Live to allow it out.
- ON AIR** Off at launch. While off, nothing reaches the main output.
- MIC** Off at every launch and never restored. **[Ctrl] + [M]** toggles.
- MONITOR** Your headphones only. Your mic is never played back into it.

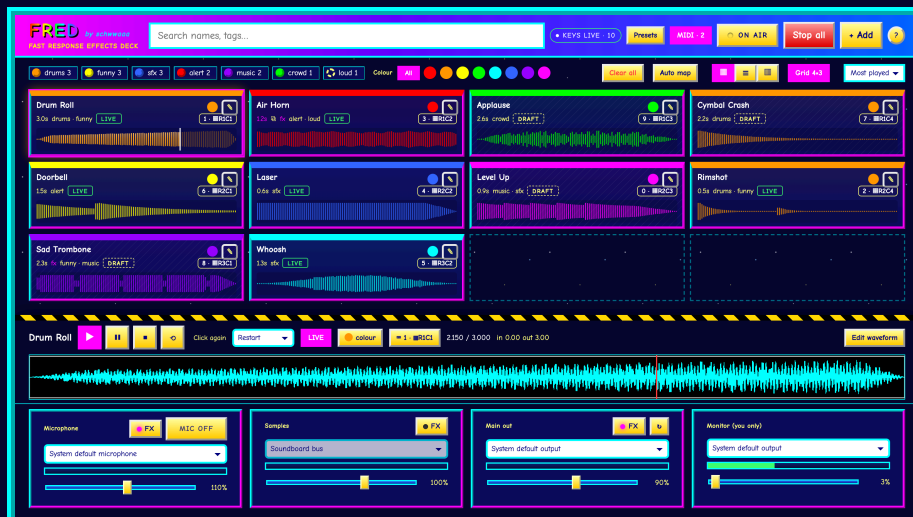
EFFECTS & LAYOUT

Sixteen effects, your layout

Gate, high/low-pass, **8-band EQ**, compressor, pitch, robot, chorus, flanger, phaser, tremolo, auto-wah, distortion, bitcrush, radio, echo and reverb, on the mic, the samples, the master or any single sound. Save favourites as presets.

Show the board as cards in any **grid** (4x5, 8x8... to match your controller), a compact list, or **lanes** like tracks in Ableton. Drag sounds into your own order.

MIDI pads play sounds too and are named by place (R2C3). Any grid controller works: FRED knows APC and Launchpad, and learns others in 30 seconds. Pads light up with the sound's colour: bright for Live, dim or pulsing for Draft, white while playing.



The board as a 4x3 grid: LIVE/DRAFT badges, key and pad chips (1 · R1C1), colour tags, a playhead on the playing sound, transport and the mixer.

INTO DISCORD, STEAM & AUDACITY

Those apps choose an *input device*. On macOS press ? → **Install FRED Mic** (one password prompt), send **Main out** to it, and pick **FRED Mic** as the microphone in the other app. Only your mic and Live, ON AIR samples come out. On Windows FRED guides a free VB-CABLE install. Set **Monitor** to your headphones.

NEVER LOSE YOUR PLACE

Your session autosaves every second and returns after a restart or crash. **Presets** save the whole project: sounds, edits, lanes, levels and effects. MIDI pads, and global hotkeys in the desktop app, work while another app has focus.

RUN IT

[npm install], then **[npm run dev]**, or **[npm run build]** for FRED.app and a .dmg. Needs Rust and Node. Tested on macOS (Apple silicon).