USER MANUAL

T SOUND MAN

Feedback Killer

VST3 / AU plug-in · Windows · Mac

An automatic feedback suppressor for live sound (VST3 on Windows and Mac, AU on Mac). Insert it on a microphone channel in your DAW or host (for example Signal Rack) and it listens for howling and notches out only those frequencies — with zero added latency.



Feedback Killer with numbered callouts

Install

- **Windows (VST3):** unzip and copy **Feedback Killer.vst3** to **C:\Program Files\Common Files\VST3**
- **Mac (VST3):** copy **Feedback Killer.vst3** to **/Library/Audio/Plug-Ins/VST3/**
- **Mac (AU for Logic / GarageBand):** copy **Feedback Killer.component** to **/Library/Audio/Plug-Ins/Components/**
- **Mac (first time after installing):** open **Terminal**, paste the command below and enter your Mac password when asked, so macOS allows the downloaded plug-in. Then reopen your DAW.
- Rescan plug-ins in your DAW (or Signal Rack). Maker: **T Sound Man**.

```
sudo xattr -dr com.apple.quarantine "/Library/Audio/Plug-Ins/VST3/Feedback Killer.vst3"
"/Library/Audio/Plug-Ins/Components/Feedback Killer.component"
```

What is on the screen

1. **ACTIVE / BYPASS** — turns the whole plug-in on or off. In BYPASS the audio passes straight through.
2. **Licence badge** — shows TRIAL (days left), LICENSED, or FEEDBACK LOCKED after the trial. Click it to enter a licence key.
3. **FEEDBACK** — suppression strength, 0–100% (default 100%). Higher reacts faster and cuts deeper. Double-click to reset.
4. **LOW CUT** — removes unwanted lows (wind, stage rumble). The button shows the actual cutoff, 80–120 Hz, which follows the NOISE knob.
5. **INPUT / OUTPUT** — level meters before and after the plug-in, with dBFS readouts below.
6. **NOISE** — noise reduction amount, 0–100% (hum, air-con, background).
7. **NOISE ON/OFF switch** — enables noise reduction. It starts OFF: turn it on after the mics are connected so it learns the real room.
8. **Suppression status** — SUPPRESSING shows how many frequencies are being notched in the LOW and HIGH ranges, with the RTA graph and the loudest PEAK.
9. **Notch markers** — the frequencies being cut. Orange is the low range, pink the high range.
10. **8-band noise reduction strip** — how many dB each band (LOW, BODY, MID, PRES, DETAIL, HI-MID, UPPER, AIR) is being reduced. Display only.

Getting started

1. Install the plug-in (see Install guide) and rescan plug-ins in your DAW.
2. Put **Feedback Killer** early in the mic channel's insert chain (before EQ and compression).
3. Leave **FEEDBACK** at 100%. Keep **LOW CUT** on for speech and vocal mics.
4. Bring the system up as usual. When a frequency starts to ring, the plug-in notches it automatically and shows it on the graph.
5. If there is background noise, switch **NOISE** on and raise it until the noise is gone but the voice still sounds natural (20–50% is usually enough).



While suppressing: 629 Hz and 2.5 kHz caught

Noise reduction

With NOISE on, the 8-band strip shows the reduction in each band, and LOW CUT raises its cutoff slightly as NOISE gets stronger.



NOISE at 60%

Bypass

Switch ACTIVE to BYPASS to compare the sound with and without the plug-in. No feedback is suppressed while bypassed.



Bypassed

Tips for live use

- Only narrow ringing frequencies are cut, so the overall tone stays full — 100% is fine for the whole show.
- Up to 6 notches in the LOW range (50 Hz to below 1 kHz) and 6 in the HIGH range (1–16 kHz).
- Before doors open, push the mic gain a little above normal so the plug-in catches the room's ringing points first (ring-out).
- Resize the plug-in window by dragging its bottom-right corner.

Trial and licence

- Full function for 14 days; the badge shows the days left.
- After 14 days the badge reads **FEEDBACK LOCKED**: feedback suppression stops, but NOISE, LOW CUT and BYPASS keep working, so the show never goes silent.
- After purchase, click the badge, paste your key (it starts with FK2-) and press Activate. The first activation needs internet, once.

If activation fails

- The licence window has **Paste code from clipboard** (pastes the key you copied) and **Load key file…** (reads the key from a .txt file). Both work even in hosts that block Ctrl+V / Cmd+V or right-click Paste inside plug-ins.

- Spaces and hidden characters that LINE or e-mail add to a copied key are removed automatically. Result messages always stay on top, so they never hide behind the host window.
- **No licence code** — the key box was empty. Copy the key again and click **Paste code from clipboard**, or save the key in a text file and use **Load key file…**
- **Could not connect to the licence server** — check the internet connection, then update to the latest version from the product page or **My library**. New versions activate through tsoundman.com, which every network can reach.
- **Invalid licence code** — the key must start with FK2- and belong to this product (a key for one product does not work in another). If it still fails, send a screenshot on LINE and we will check it or issue a new key.
