USER MANUAL

T SOUND MAN

T-Sound Live Comp

VST3 / AU plug-in · Windows · Mac

An analog-style compressor for live sound, tuned for vocals. VST3 / AU / Standalone on Windows and Mac. **Zero latency (0 samples)**: no lookahead and no oversampling, so it is safe on stage monitor channels.



The plug-in

Install

- **Windows (VST3):** unzip and copy **T-Sound Live Comp.vst3** to **C:\Program Files\Common Files\VST3**
- **Mac (VST3):** copy **T-Sound Live Comp.vst3** to **/Library/Audio/Plug-Ins/VST3/**
- **Mac (AU for Logic / GarageBand):** copy **T-Sound Live Comp.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). It is listed under **Dynamics**, maker **T Sound Man**.

```
sudo xattr -dr com.apple.quarantine "/Library/Audio/Plug-Ins/VST3/T-Sound Live Comp.vst3" "/Library/Audio/Plug-Ins/Components/T-Sound Live Comp.component"
```

Quick start

1. Insert it on the vocal channel, after the low-cut EQ.
2. Pick the **VOCAL LIVE** preset (bottom right, or step with **< >**).
3. Set **INPUT** so the **INPUT VU** swings around 0 VU at normal singing level.
4. Watch **GAIN REDUCTION**: about 3–6 dB on normal singing is a good start. Too much? Turn **THRESHOLD** up.
5. Match the level with **OUTPUT** so the **OUTPUT VU** reads about the same as with **BYPASS** on.

Top row

- **BYPASS** (top left) — red lamp = bypassed. 10 ms crossfade, no click.
- **INPUT** — gain into the compressor, -24 to +24 dB. More input = more compression and more drive.
- **Twin VU** — 0 VU = -18 dBFS RMS. Left needle: level after INPUT (gain staging). Right needle: level after OUTPUT.
- **OUTPUT** — makeup gain, -24 to +24 dB.
- **TRIAL / LICENSED badge** (top right) — trial days left; click to enter a licence key.

Middle row: dynamics



Middle row

- **THRESHOLD** -40 to 0 dB — where compression starts.
- **RATIO** 1:1 to 20:1 — 20:1 is close to limiting.
- **ATTACK** 0.1–30 ms — short catches transients, long lets the start of words through.
- **RELEASE** 50–1000 ms — recovery time. Long sustained compression recovers more slowly (opto-style); short peaks recover at the knob's speed.
- **KNEE** SOFT (18 dB) to HARD — soft starts compressing gently below the threshold, sounds more natural.

Bottom row



Bottom row

- **SIDECHAIN HPF** 20–400 Hz — filters only the detector, not the audio, so breaths, pops and low end do not trigger compression.
- **ANALOG DRIVE** 0–100 % — tube/transformer-style warmth (even harmonics). At 0 % the signal is untouched.
- **MIX** 0–100 % — dry/wet for parallel compression (great on drums).
- **GAIN REDUCTION** — LED meter with a 1.5 s peak hold.
- **Presets** — 12: VOCAL LIVE, VOCAL BALLAD, VOCAL ROCK, SPEECH / MC, BACKING VOCAL, ACOUSTIC GUITAR, BASS DI, KICK, SNARE, DRUM BUS PARALLEL, MIX BUS GLUE, SAFETY LIMITER.

Tips

- **Double-click** any knob to reset it; dragging shows the value.
- Resize the window from the bottom-right corner; everything is drawn in code and stays sharp.
- **SAFETY LIMITER** is an emergency catch, but with no lookahead very short peaks can slip through slightly when the input is extremely hot. Do not use it as the system's main limiter.

Licence and trial

Fully working 14-day trial. When it ends without a licence the plug-in passes audio straight through (like BYPASS), so a show never goes silent. Buy a licence at tsoundman.com, click the **TRIAL** badge, paste the key (starts with FK2-) and press **Activate**.

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.
