

# LeVoix



## User manual

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# 1. Introduction

LeVoix is a plugin designed to mix vocals in just a few clicks, using a high-end effects chain refined over nearly four years.

With zero latency (0 ms), LeVoix can be used live — even during recording — with real-time monitoring.

There are no complex technical settings: each knob controls a specific, musically relevant action, designed to help you get straight to the point.

The entire system is optimized for minimal CPU usage, allowing you to insert LeVoix on every vocal track in your project without compromise.

## 2. Quick start

1. Insert LeVoix on a completely dry vocal track (unprocessed), or on a pre-tuned vocal if needed.
2. The “Pprod Startup Vocal” preset is a great starting point for a modern lead vocal.
3. Check that the input level is within the “best” range (bottom left corner of the interface), and adjust the IN gain if necessary.
4. Turn the COMP knob to dial in the right amount of compression for your track:
  - For softer styles like ballads, use less than 50% for a more natural compression.
  - For most modern vocals, a value between 50% and 80% is ideal.
  - For more aggressive genres, you can push it beyond 80% for a tighter, more controlled sound.
5. Shape the EQ according to the tone of the voice. On dynamic microphones, the Air control can really open up the highs and help the vocal stand out in the mix.
6. Adjust the De-esser if sibilance (“sss” sounds) becomes too present.
7. Have fun!

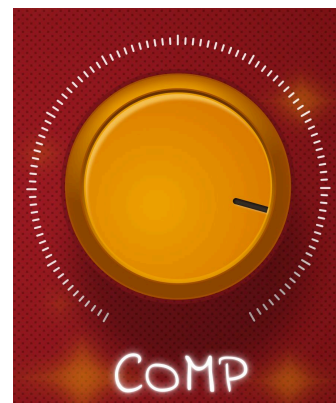
## 3. Parameters

### 3.1 COMP knob.

The COMP knob simultaneously drives multiple parameters and represents a key part of LeVoix’s signature sound.

This single control manages a three-stage dynamic processing chain:

- A gentle compression to smooth out level variations,
- A more aggressive compression to enhance vocal presence,
- A limiter to control occasional peaks.



These processing stages are arranged both in series and in parallel, and their interaction evolves dynamically based on the knob’s position.

- The default value, around 70%, is suitable for most standard vocal applications, especially lead vocals.
- For a lighter and more natural sound (ballads, piano-voice arrangements, spoken word), settings below 50% are recommended.
- Conversely, for more intense or saturated styles (metal, screaming, heavily compressed vocals), values above 80% may be more appropriate.

### 3.2 IN/OUT knobs.

LeVoix includes two essential gain controls for optimal gain staging: IN (input) and OUT (output).

#### ◆ IN – Input Gain



The IN knob adjusts the level of the signal entering the plugin.

Proper input gain is critical, especially since the COMP control governs all compression stages.

Make sure the input signal stays within the recommended “Best” range, as shown by the dedicated input meter, to ensure optimal behavior from all internal processing modules.

#### ◆ OUT – Output Gain



The OUT knob controls the level of the signal leaving the plugin.

It can be used to:

- Match the processed level to the original signal (gain matching, for accurate A/B comparisons),
- Or to increase the final output level, depending on your mix needs or downstream processing.

### 3.3 EQ Section.



LeVoix includes a hidden pre-EQ, designed to provide the plugin's signature tonal character.

This subtle processing works automatically in the background.

In addition, a dedicated 4-band EQ is available to the user. It has been carefully designed specifically for vocal treatment, with a musical and intuitive approach:

- Low (Low Shelf)

Controls the low end of the vocal, as well as proximity effect — particularly useful depending on the microphone type or recording distance.

- Mid

Targets the midrange — a crucial zone for vocal clarity. Ideal for precise sculpting or tonal correction.

- Hi

Enhances presence and helps the vocal stand out in the mix, without the need for complex adjustments.

- Air (Intelligent Dynamic EQ)

Designed to add open, airy high frequencies without ever sounding harsh.

On dynamic microphones, it helps to unlock the highs for a more studio-like result.

On condenser microphones, it further refines the top end for a highly detailed, mix-ready tone.

This Air band plays a key role in LeVoix's signature sound.

LeVoix also includes a fixed high-pass filter at 90 Hz, which removes unwanted low-end content (handling noise, rumble, pops, etc.) without affecting vocal clarity.

The entire EQ section can be bypassed at any time by clicking the "EQ" button.

## 3.4 FX Section.



LeVoix features an FX section composed of 5 independent effects, each controlled by a single knob for fast and intuitive adjustments.

These effects are designed to enhance or color vocals depending on the production context, while maintaining a user-friendly workflow.

### De-ess

A de-esser based on a multi-band compressor design, with fully pre-configured internal parameters.

The knob acts as a threshold:

- At 0%, no processing is applied,
- The higher the value, the stronger the de-essing effect.
- Ideal for reducing sibilance without the need for complex adjustments.

### Drive

A harmonic saturation effect.

- At low values (5–10%), it adds warmth and density to the vocal.
- At higher values (up to 100%), it delivers a heavily saturated, creative tone, perfect for more experimental or distorted vocal treatments.

### Phone

A progressive telephone filter that increases in intensity as the knob is turned.

Useful for creating a lo-fi effect, or for tightening a backing vocal to help it sit better in a dense mix.

### Doubler

A stereo doubling effect designed to spread background vocals to the sides of the stereo field.

It is 100% mono-compatible: if the signal is summed to mono (e.g. Bluetooth speakers, mobile devices), it remains phase-coherent and intact.

### Chorus

A classic chorus effect, controlled with a single parameter.

Adds depth and width to the vocal — useful for both atmospheric lead vocals and lush backing layers.

The entire FX section can be bypassed at any time by clicking the “FX” button.

## 3.5 DLY Section.



LeVoix's Delay section is designed for intuitive and effective vocal use, especially in modern musical contexts. It features an auto-ducking system that automatically reduces the delay level when the lead vocal is present.

This allows the main vocal to remain clear and upfront, while the delay repetitions naturally rise at the end of phrases, filling the gaps without affecting intelligibility.

**Delay (Send):** The Delay knob controls the amount of signal sent into the delay.

- This parameter is automatable, allowing you to send only specific words or phrases into the delay.
- Once the signal is sent, the echo continues to play even if the knob is returned to 0%, providing great flexibility in vocal production.

**Feed (Feedback):** The Feed parameter controls the number of repetitions:

- At 0%, the signal is repeated only once.
- At 100%, the repetitions continue nearly infinitely.

**Filter (Band Filter):** This control applies a telephone-style filter only to the delayed signal.

- It helps reduce the frequency presence of the delay to prevent it from masking the main vocal.
- Very useful to maintain optimal clarity in the mix while keeping a rich effect.

**Time (Delay Time):** The Time setting lets you choose the rhythmic division of the delay.

- Several classic time divisions are available, including triplets and dotted notes, to match your project's tempo.

**Ping-Pong:** The Ping-Pong button activates a stereo bounce effect, where each echo alternates between left and right channels.

When deactivated, the delay is mono and centered in the stereo field.

The entire section can be bypassed by clicking the "DLY" button, which also cuts the delay. This allows for instant delay cuts, especially useful for sharp stops at the end of a phrase or to automate rhythmic breaks during a passage.

## 3.6 REV Section.



The Reverbs section in LeVoix is based on a parallel system of four independent reverbs, each designed for a specific vocal application.

As with the Delay section, the reverbs are auto-ducked: their level is automatically reduced when the lead vocal is present, which preserves the clarity of the vocal attack while allowing the reverb tails to bloom at the end of phrases.

### Individual sends

Each knob controls the amount of signal sent to its corresponding reverb.

These controls are automatable, allowing you to send only a specific word or phrase when needed.

Once the signal is sent, the reverb continues to evolve even if the knob is turned back to 0, providing smooth and musical control.

### Reverb characteristics

The four reverbs are built on high-quality algorithms, each filtered on input and output with specific settings to ensure a natural and controlled sound:

- **Short** : Very short reverb simulating a small room.

Ideal for adding early reflections that subtly place the vocal in a space without pushing it back in the mix.

- **Small** : Clean plate-style reverb, versatile.

Perfect for styles like rap, pop, or rock. A reliable go-to to add space without overwhelming the vocal.

- **Big** : Long hall-style reverb.

Ideal for atmospheric vocals, ballads, or more cinematic effects.

- **Lush** : Very long and pre-processed reverb.

Designed for ambient adlibs, vocal FX, or highly spacious parts.

### Per-reverb activation/deactivation

Each reverb can be individually disabled by clicking on its name.

This allows for instant cutoffs, ideal for clean transitions or automated arrangement effects.

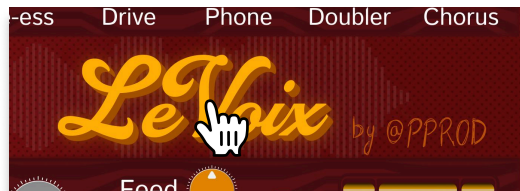
The entire section can be disabled by clicking the “REV” button, which instantly cuts all reverbs – useful for dramatic breaks or dynamic contrast in the mix.

## 4. Utilitaires

### 4.1 Full Bypass

Clicking on the LeVoix logo bypasses the entire plugin.

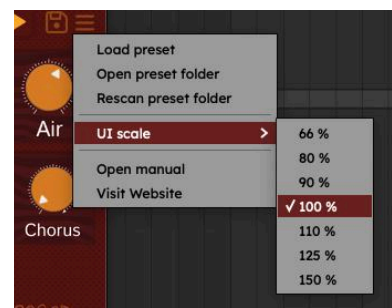
This disables all internal processing, including effects, EQ, compression, and reverbs.



### 4.2 Resize UI

From the dedicated menu, you can adjust the size of the user interface (resize) to match your screen resolution and personal comfort.

Useful for optimizing workspace, especially on high-resolution displays or when working with multi-window setups.



## 5. Licence

The LeVoix licensing system is linked to your user account on the website [www.pprod.store](http://www.pprod.store).

- An internet connection is required to activate and use the plugin.
- At first launch, the plugin will prompt you to enter your username and password — the same credentials as your account on the website.
- Once logged in, the license is automatically validated and you can start using LeVoix immediately.

**The system also allows for offline use:**

- You can use the plugin without an internet connection for up to 7 days (useful when traveling or working offline).
- After this period, a network reconnection is required to continue using the plugin.

The licensing system operates entirely transparently for the user.

## 6. Legal

End-User License Agreement (EULA)

Last updated: 05/30/2025

Product: LeVoix

Publisher: P-Production

Software development : Musical Entropy, Alexandre Ghamo.

Web development : Bryan Correia,

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