

Lyric Remix Studio Gemini v1.0

AI Music & Lyric Transformation Studio --- User Guide

lyricremixgemini.iacolettisoftware.com • Version 1.0 • April 2026 •
Iacoletti Software

Section 1 --- Disclaimer & End User License Agreement

Disclaimer

Lyric Remix Studio generates wholly original AI music compositions inspired by uploaded audio. It does not reproduce, sample, copy, or distribute any copyrighted recordings or compositions. Uploaded audio files are processed transiently via Google's Gemini API and are immediately deleted — they are never stored by Iacoletti Software. Generated output is an original work produced by AI and is not a derivative of the source material. Users assume full and sole responsibility for how they use this tool and for compliance with all applicable copyright, intellectual property, and licensing laws in their jurisdiction. Commercial use of generated tracks may require independent legal review. This tool is intended for personal, creative, and educational use only. You remain solely responsible for any output you generate, distribute, or publicly perform. Iacoletti Software is not responsible for any copyright infringements, licensing violations, or adverse outcomes arising from use of or reliance upon the results produced by this tool.

End User License Agreement (EULA)

Project: Lyric Remix Studio Gemini v1.0 | Licensor: Iacoletti Software | Effective Date: April 2026

#	Clause	Terms
1	License Grant	Iacoletti Software grants you a personal, non-exclusive, non-transferable, revocable license to use the Software for personal, educational, and non-commercial creative use.
2	Intellectual Property	The Software is the exclusive intellectual property of Iacoletti Software. All rights, title, and interest — including the lyric remix architecture, sanitization logic, prompt schemas, and style presets — remain solely with Iacoletti Software.
3	Restrictions	You shall not reverse engineer, decompile, disassemble, redistribute,

#	Clause	Terms
		sell, sublicense, modify, or create derivative works based on the Software without prior written consent.
4	Confidentiality	The Software contains proprietary trade secrets. You shall not disclose performance benchmarks, internal logic, regex patterns, prompt templates, or backend screenshots to third parties without prior written consent.
5	Warranty Disclaimer	THE SOFTWARE IS PROVIDED 'AS IS' WITHOUT WARRANTY OF ANY KIND. IACOLETTI SOFTWARE DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
6	Limitation of Liability	IACOLETTI SOFTWARE SHALL NOT BE LIABLE FOR ANY INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF OR INABILITY TO USE THE SOFTWARE.
7	Termination	This license is effective until terminated. Iacoletti Software may terminate this Agreement if you fail to comply with any term. Upon termination, cease all use of the Software.
8	Governing Law	This Agreement is governed by the laws of the Commonwealth of Virginia, without regard to its conflict of laws principles.

Section 2 --- Overview

Lyric Remix Studio Gemini v1.0 is an AI-powered music and lyric transformation engine that transcribes vocals from uploaded audio, rewrites lyrics while preserving rhyme and meter, and generates original music + album art. It delivers a complete remix: rewritten lyrics, instrumental track, and cover art.

Lyric Remix Studio performs structured creative transformation across four stages — transcription, lyric sanitization, music generation, and image generation — to produce original, reimagined tracks based on uploaded audio.

Who It Is For

Lyric Remix Studio Gemini is primarily for people who want to experiment and have fun with AI music generation. It is a creative sandbox — not a professional production tool. Use it to explore musical "what ifs" and hear how songs transform across eras, genres, and instrumentations.

- Experimenters and tinkerers curious about how AI reinterprets music across styles and decades
- Musicians and producers who want to create new songs loosely based on the lyrics of their existing MP3s or other recordings
- Content creators needing to preview original background music and lyrics
- Educators teaching songwriting, rhyme schemes, or music production
- Hobbyists experimenting with AI music generation

Example Experiments

- How would a 90s rap song sound if it were 1930s jazz played by a rock group?
- How would a disco song sound as a rap song?
- What if a country ballad were reimagined as a synthwave track?
- How would a heavy metal vocal melody work as a Baroque orchestral piece?
- What if a folk song were transformed into 1980s pop with a full brass section?
- How would a modern pop hit sound as a 1920s vaudeville number?
- What if a grunge anthem were rearranged for a classical string quartet?
-

APIs Used

API	Purpose
Gemini 3.1 Flash Lite	Transcription & chat / paraphrasing
Lyria 3	Music generation
Gemini 3.1 Flash Image	Album art generation
Gemini 2.5 Flash TTS	Voice preview

APIs Used

API	Purpose
Operation	Approximate Cost
Transcription	~\$0.01
Music	~\$0.55/track
Album Art	~\$0.02
TTS	~\$0.01

Note: In addition to an API key, this app requires a Google AI Studio Pro subscription for best results — Lyria 3 and Imagen 3 are not available on the free tier.

Section 3 --- Getting Started

Lyric Remix Studio Gemini runs entirely in your browser — no installation required. You need a personal Google AI Studio API key from aistudio.google.com.

Setting Up Your API Key

1. Go to aistudio.google.com and create a free account.
2. **Upgrade to a Pro subscription** — Navigate to Settings → Subscription and select the Pro tier. Because Lyria 3 and Imagen 3 are experimental Google APIs, they are not available on the free tier. A paid Pro account is required.
3. Go to **Billing** → add a payment method and purchase at least **\$5** in credits (mandatory minimum — credits never expire).
4. Set a monthly spending cap — **\$5-\$15/month** covers most personal use.
5. Go to **API Keys**, click **Create Key**, name it LyricRemixStudio, and click Create.
6. Copy the key immediately (starts with AIza...). Store it in a password manager. It cannot be viewed again.
7. Open Lyric Remix Studio at lyricremixgemini.iacolettisoftware.com, paste your key, and click **Save & Activate**.

8. The application will verify your Pro subscription and credit balance. If successful, you will see "**Ready — Pro account verified**".

TROUBLESHOOTING: If you receive an error on activation, verify that (a) your Pro subscription is active (required for experimental APIs Lyria 3 and Imagen 3), (b) you have at least \$5 in credits, and (c) your API key is correct.

Section 4 --- How to Run a Remix

1. **Select a creative style** — Choose an Era preset (1890s–2030s) and Instrumentation group (Orchestra, Rock, Synth, World, etc.).
2. **Upload your audio** — MP3 or WAV. Maximum size: 5 MB. Drag and drop or click to import.
3. **Wait for transcription** — The system extracts lyrics verbatim via Gemini 3.1 Flash Lite (10–20 seconds).
4. **Review the rewritten lyrics** — Sanitization replaces prohibited terms; paraphrasing changes nouns/verbs/adjectives while preserving syllables and rhyme.
5. **Generate the remix** — Click **Generate Remix** to create music (Lyria 3) and album art (Gemini 3.1 Flash Image).
6. **Save your results** — Click **Save to download** your generated track and art.

TIP: If the paraphrased lyrics feel unnatural, adjust the Era preset — older eras (e.g., 1920s) use more formal substitutions.

Section 5 --- Understanding Your Results

Report Section	Contents
Original Lyrics	Verbatim transcription from uploaded audio
Sanitized Lyrics	Prohibited terms replaced with safe alternatives
Paraphrased Lyrics	Line-by-line rewrite preserving syllable count and rhyme scheme
Music Preview	30-second or full-length generated track (Lyria 3)
Album Art	1:1 image at selected resolution (Gemini 3.1 Flash Image)

Report Section	Contents
Style Configuration	Era and instrumentation used for generation
Token & Cost Display	Exact input/output token counts and dollar cost for each generation step — displayed at the top of the screen for every session

Lyric Transformation Stages

Stage	Model/Engine	What It Does
Transcription	Gemini 3.1 Flash Lite	Verbatim lyric extraction
Sanitization	Regex-based engine	Swaps prohibited/sensitive terms for safe alternatives
Paraphrasing	Gemini 3.1 Flash Lite	Line-by-line rewrite (new nouns/verbs/adjectives)
Voice Preview	Gemini 2.5 Flash TTS	Text-to-speech preview of rewritten lyrics

Generation Quality Levels

Output	Options
Music	30-second clip or full-length track (Lyria 3)
Album Art	1:1 aspect ratio (Gemini 3.1 Flash Image)

Section 6 — Saving Your Results

Lyric Remix Studio Gemini allows you to save your generated remixes.

- **Save Music** — Click the **Save** button next to the audio player to download your generated track.
- **Save Lyrics** — Copy and paste the displayed lyrics or use your browser's print function.
- **Save Album Art** — Right-click the generated image or use the save option.

NOTE: While you can save generated outputs, the application does not maintain a cloud account or library. Saved files are stored locally on your device.

Section 7 — Data Security, Privacy & BYOK Architecture

Bring Your Own Key (BYOK) Architecture

This app uses a Bring Your Own Key (BYOK) architecture. Your API key and audio content travel directly between your browser and Google — Iacoletti Software never stores, transmits, or has access to your credentials or content.

Lyric Remix Studio Gemini is built on a **Bring Your Own Key (BYOK)** architecture. This means the application never holds, transmits, or has access to your API credentials or the content you analyze. Your Google AI Studio API key is the authentication token that belongs to you.

When you enter your API key in the app, it is stored exclusively in your browser's local storage. Every API call goes directly from your browser to Google's servers, authenticated under your personal Google account.

This architecture was chosen specifically to protect your privacy. Because Iacoletti Software never receives your data, it is structurally impossible for your content to be stored, sold, or exposed through Iacoletti Software. Your data belongs to you, travels only between your browser and Google, and is encrypted with your API key in transit.

What Google Sees

When you submit content for analysis and generation, it is sent directly from your browser to Google's APIs (Gemini, Lyria, Imagen) using your personal API key. Google processes the request under your account. Uploaded audio files are processed transiently and immediately deleted — they are never stored by Iacoletti Software. Review Google's data usage and privacy policies at aistudio.google.com/terms for current terms.

Item	Detail
API Key Storage	Browser localStorage only
Audio Files	Sent directly from your browser to Google's APIs; deleted immediately after processing

Item	Detail
Generated Content	Saved locally by user if desired; never stored by Iacoletti Software
Encryption	All API calls use HTTPS/TLS encryption in transit
BYOK	Your API key authenticates directly with Google

Note: The Google AI Studio API is not designed for classified, privileged, or copyrighted material you do not own or have license to remix. Do not upload third-party copyrighted audio without permission. Review Google's terms of service before uploading sensitive or protected content.

Section 8 — API Cost

Lyric Remix Studio Gemini uses Google's pay-as-you-go API. You pay Google directly. Typical costs per remix:

Operation	API	Approximate Cost
Transcription	Gemini 3.1 Flash Lite	~\$0.01
Music Generation	Lyria 3	~\$0.55/track
Album Art	Gemini 3.1 Flash Image	~\$0.02
Voice Preview (TTS)	Gemini 2.5 Flash TTS	~\$0.01

Total typical remix cost: ~\$0.59 per remix

Real-Time Cost & Token Display

The exact token counts and dollar cost for your current session are displayed at the top of the screen for every remix you generate. This live dashboard shows:

- Input tokens used (your uploaded audio transcription)

- Output tokens generated (rewritten lyrics, music generation calls)
- Estimated dollar cost for the current session
- Cumulative cost since you activated your API key

This transparency allows you to monitor your Google API spending in real time, avoid surprises, and stay within your monthly budget.

Required Minimum Balance

You must maintain a minimum of **\$5 in funded credits** on your Google API account to use this application. The application will verify your credit balance on activation and may refuse to operate if your balance falls below \$5.

TIP: Monitor your balance at aistudio.google.com/usage. Credits never expire. Starting with **\$10** covers approximately 16 full remixes.

Section 9 — Troubleshooting

Issue 1 — No Audio Returned / Remix Generates No Track

Lyria 3 may occasionally block a generation attempt and return no audio. This is normal behavior — the model applies content filters that can trigger inconsistently, even on the same input. The most common cause is that the uploaded song is a well-known commercial recording. Lyria may recognize the copyrighted source material and refuse to generate music based on it.

Solution: Resubmit the same file.

Because the lyrics are paraphrased differently on each attempt, subsequent submissions present the content to Lyria in a new form — which often succeeds. Simply click **Generate Remix** again with the same uploaded file. Most users succeed within 2–3 attempts. Each retry paraphrases the lyrics differently, which changes how the content is presented to Lyria and increases the likelihood of a successful generation.

Issue 2 — API Key Expired or Invalid

If you see an error stating your API key has expired or is invalid, generate a new key at aistudio.google.com, then click **Sign Out** in the app, refresh the page, and enter your new key. Do not use the **Change** button — Sign Out and re-enter the key fresh to clear the session completely.

Issue 3 — Transcription Failed

If transcription fails, verify that (a) your file is MP3 or WAV and under 5 MB, (b) your API key is active and your Google AI Studio account has sufficient credits, and (c) your Pro subscription is active. Files larger than 5 MB must be trimmed before uploading.

Issue 4 — Quota Exceeded / 429 Error

Your Google AI Studio account has hit its rate limit or run out of credits. Check your balance at aistudio.google.com/usage and add credits if needed. Credits never expire. Starting with \$10 covers approximately 16 full remixes.

Issue 5 — Model Access Error (404)

A 404 error on music generation means Lyria 3 is not accessible under your current API key or region. Verify that your Google AI Studio Pro subscription is active — Lyria 3 is an experimental API not available on the free tier. If your subscription is active and the error persists, the model may be temporarily unavailable in your region.

Copyright © 2026 Iacoletti Software. All Rights Reserved.

lyricremixgemini.iacolettisoftware.com