

VimEcho Studio™ User Guide

Version 1.0 — *Offline Voice · Slides · Music → Video*

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VimEcho Studio™ User Guide

Version 1.0 — *Offline Voice · Slides · Music → Video*

Installation & Setup

1. Download and run the VimEcho Studio Installer (VimEchoStudio_Setup.exe).
2. Choose an installation directory (default: C:\Program Files\VimEchoStudio).
3. Open the Application and enter the one time Validation key code to unlock VimEcho.
4. After installation, launch VimEcho Studio from the desktop shortcut or Start Menu.
5. The User Guide (PDF) is automatically included and can be opened:
 - From the GUI via the Help / User Guide button.
 - From the installation folder in \Docs\User_Guide.pdf.

*VimEcho Studio™ uses the built-in Windows TTS voices.

1. Introduction

VimEcho Studio™ is an **offline, all-in-one video creation tool** that transforms your script into a complete video — combining **text, voiceovers, slides, and background music** into a seamless output.

Designed for creators who want **speed, privacy, and control**, VimEcho Studio™ runs entirely **offline**, meaning your files and data never leave your computer. It's built for simplicity but designed with powerful customization options for users who want full creative control.

With VimEcho Studio™, you can:

- Generate narrated videos directly from a text script.
- Add custom slides and background music with just a few clicks.
- Sync uploaded voiceovers or music files automatically.
- Export a complete video — no subscriptions, no internet required.

Supported Operating Systems: Windows 8, Windows 10, Windows 11.

- **Output Format:** MP4 video files
- **Default Video Size:** 1280 × 720 (HD)
- **Modes Supported:** Voice + Text, Voice Only, Text Only, No Script
- **Offline Engine:** All processing happens locally — **your data stays private.**
- **Use Cases:** YouTube creators, tutorials, lyric videos, stop-motion animations, business presentations, personal projects, and more.

Pro Tip: While VimEcho Studio is powerful and highly automated, **understanding the workflow** will maximize results — especially when preparing your script, slides, and music.

2. Quick Start at a Glance (Optional)

This section walks you through creating a video in **under 5 minutes**.

Step 1 — Prepare Your Inputs

Before starting, make sure you have:

- **A script file (.txt)** — one line = one slide.
- **Slides folder (optional)** — images you want to use instead of generated text slides.
- **Background music (optional)** — for automatic mixing into the video.
- **Voiceover file (optional)** — upload your own narration or vocals.

Recommended: Keep all files in a single project folder for easy browsing.

Step 2 — Load Your Script

1. Click **Browse** next to **Script File**.
2. Select your .txt file.
3. Each **line of text = one slide**.

Example:

Welcome to VimEcho Studio!
This is your automatic video generation tool.
Create stunning videos in minutes.

→ Produces **3 slides**.

Step 3 — Choose Slide Settings

- Use **Slides** if you want your own images. Will be used in alphabetical order.
- If not selected, VimEcho Studio automatically generates slides from your script.

Important:

All videos render at **1280 × 720**. If your slides are not already that size:

- Images will **resize** to fit and negative space will fill in with selected Pad Color.
 - For best results, prepare slides in **1280×720** or **scalable ratios**.
 - Use image editing tools or free online resizers to avoid distortion.
-

Step 4 — Add Optional Media

- **Background Music:** Mixes into your video.
 - **Voiceover File:** Overrides text-to-speech (TTS).
 - When uploading, your custom file syncs automatically with slides.
 - Gain settings affect uploaded voices **only**.
 - If no file is uploaded, the built-in TTS engine (Zira/David/etc.) handles narration.
-

Step 5 — Configure Output

- Set the **Output Folder** where the final video will save.
 - Name your video in the **Output Video Name** field.
 - Choose your desired **Voice, Font, Text Position, Slide Duration, font**, and other settings.
-

Step 6 — Generate Your Video

- Click **Generate Video**.
 - Progress will display in the **Status Bar**.
 - When finished, your video appears in the chosen **Output Folder** — ready to watch or upload.
-

Estimated Generation Times

Video generation time depends on your settings (script mode, background music, TTS, etc.):

- **General Rule:** Render time ≈ **40%–75% of total video length**.
- Example:
 - A **10-minute video** → ≈**4 to 7.5 minutes**.
 - A **60-minute video** → ≈**24 to 45 minutes**.

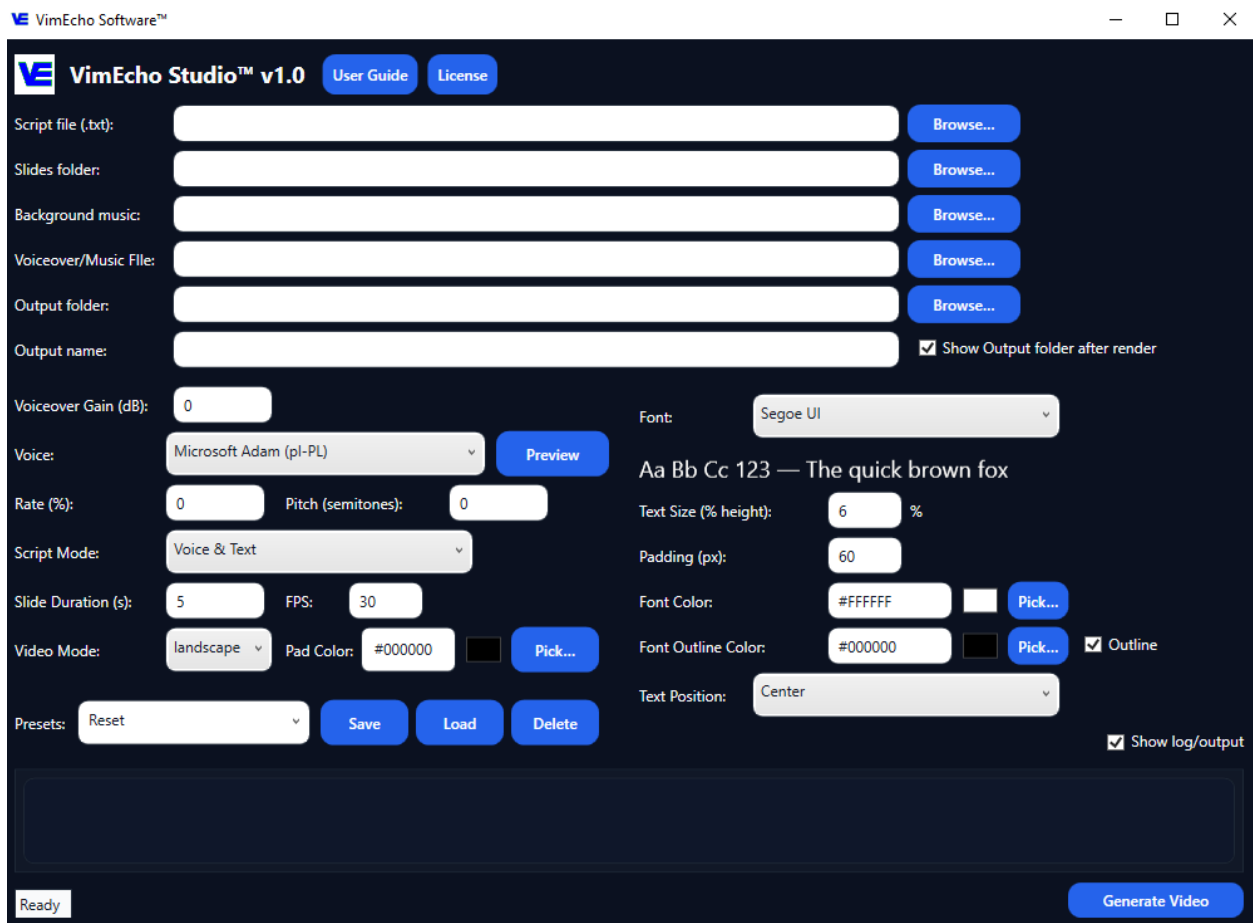
Tip: Longer videos or advanced features (custom slides + background music + uploaded voiceovers) take slightly more time.

Quick Start — Your First Video

This section walks you through creating your first video step-by-step:

1. **Load Your Script** → Click **Browse** and select a .txt file.
 2. **Select Slide Folder** → Choose your images (JPEG/PNG).
 - Slides are ordered **alphabetically**, so you can name them like: Slide_01, Slide_02, Apple, Banana, etc.
 3. **Pick Your Voice:**
 - Use **built-in TTS** OR
 - Upload your own .wav voiceover file.
 4. **Add Background Music (Optional):**
 - Check **“Use Background Music”**
 - Select your .wav music file.
 5. **Adjust Gain (Optional):**
 - **Gain affects uploaded voice files and background music only.**
 - **TTS voices are not affected.**
 6. Click **“Generate Video”** → VimEcho processes everything automatically.
 7. **Output Location** → Videos are saved in the chosen export folder.
-

VimEcho Studio™ GUI



3. Full GUI Walkthrough

GUI Overview

Referencing the included GUI image, here's a full breakdown of VimEcho Studio's interface:

Section	Function
Preset Manager	Save, load, and delete project presets for fast reuse.
File Inputs	Add script, slides, music, and voiceover files here.
Output Controls	Select where your completed video saves and set its name.
Script Mode	Choose between Voice + Text, Voice Only, Text Only, or No Script modes.
Visual Settings	Select voice, font, text position, slide duration, volume gain, etc.
Control Toggles	Options for showing/hiding the output window and opening output folder.
Generate Button	Starts video creation automatically.
Status & Output Box	Displays real-time progress and status updates.

A. Preset Controls (*Load / Save / Delete*)

(Located at the bottom of the interface)

The **Preset Name** field and the **Load**, **Save**, and **Delete** buttons allow you to manage project configurations. This makes it simple to return to previous settings without re-entering paths or options.

Preset Name

- Enter a name for your configuration (e.g., "Project_Intro" or "Training_Video1").
- Presets store all selected paths, script mode, slide settings, voice options, and output preferences.

Load

- Select a saved preset and click **Load**.
- The GUI will instantly populate all fields, including script paths, slide folders, music files, and output settings.

Save

- Click **Save** to store the current configuration.
- **Important:** If a preset with the same name already exists, VimEcho Studio will **automatically overwrite it without warning**.

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Delete

- Removes the selected preset from your list.
 - **Tip:** Deleting a preset does **not** remove any actual files — only the saved configuration.
-

B. Script File

This is where you select your **script file**. VimEcho Studio uses this file to generate text for slides and synchronize it with voiceovers when applicable.

- **Accepted Format:** .txt files only.
 - **Slide Creation:** Each line in the script equals **one slide**.
 - Whether a line has **10 characters** or **200**, it produces **exactly one slide**.
 - Formatting your script into shorter, well-paced lines creates a better viewing experience.
 - **Automatic Synchronization:**
 - If using **TTS**, VimEcho automatically syncs **text display** and **slide changes** to match the generated voiceover timing.
 - **Warnings & Errors:**
 - If you select an **invalid file type** or an **empty file**, the program will display a popup warning.
 - If the **Script Mode** requires a script (e.g., Voice + Text or Text Only) but no script is provided, VimEcho will stop generation until one is selected.
 - Emojis are **not displayed on slides**, but if a recognizable label exists (e.g., 🎵 = “musical note”), VimEcho will pronounce it in the voiceover.
-

Formatting Guidelines

- **One line = one slide.**
- Blank lines are **allowed** and will be ignored.
- If a line contains:
 - **Pronounceable combinations of letters** → spoken normally.
 - **Unpronounceable combos** (e.g., “xzt”) → TTS spells out letters individually.
- **Critical Warning:**

If a line contains **only punctuation** (e.g., just a period . or dash -):

 - The program **will attempt to generate narration** but **cannot process the slide correctly**.
 - This causes the video to **freeze on that slide** and produces an **incomplete or defective video**.

Best Practice:

Always check your scripts for stray punctuation-only lines before starting a render.

C. Slides Folder

This is where you select a **folder** containing your custom slide images. These images are used instead of the default black background or selected Pad Color.

Accepted Formats

- .jpg and .png supported.
- Future support for .jpeg, .webp, .bmp, etc. is being considered.

Important: Video Resolution & Image Scaling

- All videos generated by **VimEcho Studio** are rendered at **1280 × 720 (HD)**.
 - If your image dimensions do not match **1280 × 720**, VimEcho will automatically **resize** the image to fit the video frame and fill in the negative space with the selected Pad Color.
 - **Recommendation:**
 - Prepare your slides at **1280 × 720** beforehand for best results.
 - Alternatively, choose a resolution with the **same 16:9 aspect ratio** (e.g., 1920 × 1080), which can be safely scaled down.
 - If using photos from your phone, landscape and portrait photos can typically be safely scaled down.
 - If you must use images outside this ratio and don't want any padding, use an **image editing tool** or **free online resizer** to scale them correctly before using VimEcho.
-

Folder Rules & Behavior

- **Folder Required:** You must select an entire folder — not individual images.
- **Extra Images:**
 - If there are **more images than script lines**, extra images are ignored.
- **Fewer Images:**
 - If there are **fewer images than script lines**, VimEcho will **loop and reuse** slides as needed to cover all of the lines.
- **Alphabetical Ordering:**
 - Slides are sorted alphabetically by filename.
 - **To control the order of the slides, rename your files accordingly.**
If you're using 9 slides or fewer, names like Slide1.jpg through Slide9.jpg will work fine. For 10 or more, **use zero padding** to ensure correct alphabetical order:
Examples:
 - Slide01.jpg to Slide10.jpg
 - Slide001.jpg to Slide100.jpg
 - Slide0001.jpg to Slide1000.jpg

You can also use named images like Apple.jpg, Banana.jpg, Cherry.jpg — alphabetical sorting will still apply.

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- **Empty Folder or None Selected:**
 - Defaults to using a **black background** for all slides, selected Pad Color.
-

D. Background Music (BM)

This option allows you to **add background music** to your video.

Supported File Types

- .mp3, .wav, .ogg
 - Recommended: **standard volume files** (not extremely quiet or loud).
-

Behavior & Rules

1. **Optional Feature:**
 - If no file is selected, your video will generate **without background music**.
 2. **Automatic Looping:**
 - If the music file is **shorter than the final video**, VimEcho will **loop the music seamlessly** until the video ends.
 3. **Automatic Cutoff:**
 - If the music file is **longer than the video**, the music will **fade out at the end** of the video (clean cutoff).
 4. **When Using TTS Voices (Zira/David/etc.):**
 - The **Gain** slider **does nothing** when using **built-in TTS voices**.
 - Music and voice are **automatically balanced** during mixing.
 - Recommendation: Choose music at a **normal, balanced volume** for best results.
 5. **When Using an Uploaded Voiceover / Music File:**
 - The uploaded voice/music file controls the **total video duration**.
 - The **Gain slider** becomes active in this case:
 - Increasing Gain → Uploaded voice/music volume goes **up**, background music volume **slightly decreases**.
 - Decreasing Gain → Uploaded voice/music volume goes **down**, background music volume **slightly increases**.
 - If the uploaded file is **very quiet**, choose a higher Gain setting or prepare a louder file externally.
-

Best Practices

- Use **well-mastered** audio for the smoothest output.
 - Avoid extremely quiet tracks — automatic balancing cannot compensate for music with a very low base volume.
 - Recommended loudness: between **-12 dB and -16 dB LUFS** if you're preparing your own music.
 - Use **VimEcho** Audio Compressor and Noise Reducer to prepare your audio files.
-

Summary of Key Logic

Scenario	BM Used?	Gain Slider?	Video Duration
No file selected	No	Disabled	Based on TTS / slides
BM + TTS voice	Yes	Disabled	Based on TTS duration
BM + Uploaded voice/music	Yes	Active	Based on uploaded file
BM only (No script)	Yes	Disabled	Based on slide duration

E. Voiceover/Music File (Optional)

This is where you can **upload your own pre-recorded voiceover** or **music track** to use instead of VimEcho Studio's built-in TTS voice.

How It Works

- You may **leave this field empty** if you want VimEcho Studio to:
 - Use its built-in TTS voice for narration, **or**
 - Generate videos with slides/text only.
- If you **upload a file**, VimEcho Studio **automatically uses its length** to control the **entire video duration**.

Supported Formats

- Voiceover files:** .wav, .mp3, .ogg
- Music files:** .wav, .mp3, .ogg
- High-quality .wav files are recommended for best results.

Effect on Video Timing

Case 1 — Using a Voiceover or Music File

- When an uploaded file is provided, **its duration dictates the entire video length**.
- VimEcho evenly distributes:
 - Slides**
 - Text lines**
- Across the **full length** of the uploaded file.

Examples:

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Scenario	Slides Available	Text Lines	Video Result
Voice file = 2 minutes	10 slides	5 text lines	Uses 5 slides spaced evenly, 5 unused
Voice file = 2 minutes	10 slides	No text	Uses all 10 slides evenly spaced
Voice file = 2 minutes	No slides	5 text lines	Uses black slides by default, text evenly spaced

Case 2 — No Uploaded File

If no voiceover/music file is uploaded:

- **TTS Narration:**
 - If you select a **TTS voice**, VimEcho auto-syncs the slide timing to the generated TTS.
- **Text-Only Mode:**
 - If you choose **Text Only** and **don't upload a file**, video timing will be based on the **Slide Duration** you set.
- **No Script Mode:**
 - Without an uploaded file, the Slide Duration controls the entire video timing.

Interaction with Background Music (BM)

- If you **upload your own voice/music file**, the **Voice Gain slider** controls its volume **directly**.
- In this case, **Background Music volume** is automatically mixed:
 - If your uploaded file's gain is increased, BM is reduced slightly.
 - If your uploaded file's gain is decreased, BM volume rises slightly.
- **Important:** If you are **not uploading a voice/music file** and relying on TTS + BM, the **Voice Gain slider does nothing** — BM is auto-mixed beneath TTS at a default balanced level.

Best Practices

1. Use a **standard volume** uploaded file.
 - If your file is too quiet, increasing Voice Gain won't fix it — BM will still balance lower, and the overall volume may remain weak.
2. Keep uploaded files **clean and edited** — silence at the start/end of your file will add silent gaps to the video.
3. Always verify your audio volume in an external player before uploading.
4. Try Using **VimEcho** Audio Compressor and Noise Reducer to Prepare your audio files.

Summary Table

Setting	With Uploaded File	Without Uploaded File
Video Duration	Matches uploaded file's length	TTS-controlled OR Slide Duration
Slides Used	Evenly spaced based on text/slides	Text or Slide Duration-based
Voice Gain	Adjusts uploaded file volume, affects BM	Disabled
Background Music	Auto-mixed under uploaded file	Auto-mixed under TTS

F. Output Folder

This is where your **final rendered video** will be saved.

How It Works

- **Optional Selection:**
 - If you select a folder, VimEcho will save your video **in that exact location**.
 - If you **don't select a folder**, the video will be saved in the **same directory** where VimEcho Studio is installed.
- **Persistent Setting:**
 - Once chosen, the Output Folder **remains set** until you change it or reset VimEcho Studio.

Best Practices

- Create a dedicated folder (e.g., My_VimEcho_Videos) for better organization.
 - If working on multiple projects, keep separate subfolders for each to avoid confusion.
-

G. Output Video Name

This lets you **choose the file name** for your generated video.

How It Works

1. **Custom Name (Recommended):**
 - Enter a name like MyTravelVideo or Project_1.

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- The final output will be saved as:
MyTravelVideo.mp4

2. Automatic Naming (If Left Blank):

- If you don't provide a name, VimEcho Studio will default to:
final_video.mp4

3. Avoid Naming Conflicts:

- If a video with the same name **already exists** in the Output Folder, VimEcho Studio **will overwrite it without warning**.
- To avoid accidental overwrites, we recommend using unique names for each export (e.g., Video_1, Video_2, Project_Final, etc.).

4. Show Output folder after render:

- After you have clicked Generate video, when the video is done rendering, the Output folder will automatically open. If you do not want the Output folder to open after rendering for workflow, simply uncheck the box to the right.

Summary Table

Scenario	Saved To	File Name	Overwrite Warning?
Custom Output Folder + Name	Selected folder	Your name + .mp4	No
Custom Output Folder, Blank Name	Selected folder	final_video.mp4	No
No Folder, Custom Name	VimEcho Studio's main folder	Your name + .mp4	No
No Folder, Blank Name	VimEcho Studio's main folder	final_video.mp4	No

H. Script Mode

The **Script Mode** setting determines **how VimEcho Studio generates the video** based on your inputs. There are **four modes**, each controlling:

- Whether **text** appears on slides
 - Whether **TTS voices** are used
 - Whether **Slide Duration** controls video timing and length.
-

Modes Explained

1. Voice + Text (*Default*)

- **Uses TTS narration** **unless an uploaded voice/music file is provided.*
 - **Text appears on slides** based on your script file.
 - **Timing Behavior:**
 - With TTS → Slide changes **automatically sync** to the TTS narration.
 - With Uploaded File → Timing matches the **file's length**, and text/slides are **evenly spaced**.
 - **Best For:** Most users who want full narration with readable captions.
-

2. Voice Only

- Generates **narration only** — no text will appear on the slides.
 - **Timing Behavior:**
 - With TTS → Slide changes sync directly to narration speed.
 - With Uploaded File → Slide duration evenly distributes based on the file's length.
 - **Best For:** Content where visuals are important but on-screen text is unnecessary.
-

3. Text Only

- Generates a **text-on-slide video** without narration.
 - **Timing Behavior:**
 - With Uploaded File → Text is evenly spaced based on the file's total length.
-

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- Without Uploaded File → Timing comes from the **Slide Duration** you select.
- **Best For:** Silent tutorial videos, lyric-style videos, or presentations where music is not needed.

4. No Script

- Creates videos **without any text**.
- Uses **slides only** (*custom slides or black defaults*).
- **Timing Behavior:**
 - With Uploaded File → Slide transitions evenly spaced across the uploaded file's length.
 - Without Uploaded File → Uses your selected **Slide Duration** to set total video length.
- **Best For:** Music videos, pure slideshow reels, or visual-only demos.

Timing Examples

Mode	Uploaded File?	TTS Used?	Text on Slides?	Timing Source
Voice + Text	Yes	No	✓	Uploaded file length
Voice + Text	No	✓	✓	TTS-driven
Voice Only	Yes	No	✗	Uploaded file length
Voice Only	No	✓	✗	TTS-driven
Text Only	Yes	No	✓	Uploaded file length
Text Only	No	✗	✓	Slide Duration
No Script	Yes	No	✗	Uploaded file length
No Script	No	✗	✗	Slide Duration

Key Tips

- If you upload a voice/music file, it **always overrides timing**.
- If you want perfectly synced captions, use **Voice + Text** with TTS.

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- If you want a simple slideshow with no sound, select **Text Only** or **No Script** and control timing with **Slide Duration**.

I. Voice, Font, Text Position

These settings control narration, text formatting, slide behavior, visibility options, and final video generation.

Voice

- Choose between **Microsoft TTS voices** for **TTS narration**.
 - **Default:** First available alphabetically. Depending on downloaded language packages.
 - **Access all** available Microsoft TTS voices by simply downloading language packages in Windows.
 - **TTS voices will** recognize their respective written languages and speak in that dialect, however non-English TTS voices will read text in English with an accent.
 - **Preview** the selected TTS voice by clicking the Preview button to the right.
 - **Rate and Pitch:** The rate and pitch of the selected TTS voice can also be adjusted. You can preview the rate and pitch adjustments in Preview before rendering the video. The rate and pitch adjustments will be present in the final video.
 - Has no effect when using an **uploaded voice/music file**.
-

Font

- Select from **different fonts** for text rendering.
 - VimEcho will use the available Windows fonts on your computer.
 - **Default:** Segoe UI.
 - Fonts affect **text-only portions** of the video (e.g., captions, title cards, lyric videos, etc.).
 - **Text Preview:** Shows currently selected font. Responds to text size, font color/outline color. Some color combinations will look distorted in the preview but not an accurate representation of what will be rendered in the final video.
 - **Text Size:** Changes the size of the text by %. 6% is the default, go higher for larger font and lower for smaller font.
 - **Padding:** Adjusts the text margins on the slides.
-

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- **Font Color:** Click the Pick button to select a color from the color table for the font.
 - **Font Outline Color:** Click the Pick Button to select a color from table for the font outline. If you do not want an outline color, simply uncheck the box to the right.
-

Text Position (*Top / Middle / Bottom*)

- Choose where your on-screen text appears:
 - **Top, Right/Left:** Positions text at the upper edge of the slide. Center, Right or Left.
 - **Center:** Centers text both horizontally and vertically (*Default*).
 - **Bottom, Right/Left:** Anchors text near the bottom of the slide. Center, Right or Left.
-

J. Slide Duration (If No Voice), FPS

- **Slide Duration:** Controls **how long each slide stays visible** when there's **no TTS voice or no uploaded voice/music file** driving timing.
 - For 10 FPS, set duration to ~0.01
 - For 12 FPS, set duration to ~0.08
 - For 16 FPS, set duration to ~0.06
 - For 24 FPS, set duration to ~0.04
- **FPS:** Frames Per Second. Default is set at 30. **Do Not** change unless doing more than 30 FPS.
- **Preset Options:**
 - 3 seconds (*fast pacing*)
 - 5 seconds (*balanced, Default*)
 - 10 seconds (*slow pacing*)
 - **Custom:** Manually enter your own duration.
- **Performance Tip:**
 - If doing 32 FPS, ~0.03, change the FPS from 30 to 32.
 - If you set a lower value than the intended FPS, the render will **silently fail**.

K. Voice Gain (dB), Video Mode, Pad Color

Voice Gain

(Optional, Uploaded Files Only)

- Adjusts the **volume of an uploaded voice/music file**.
- **Usage:**
 - Enter a positive number → **Increase volume**.
 - Enter a negative number → **Decrease volume** (*e.g., -3*).
- **Important Notes:**
 - This control **does nothing** for TTS narration.
 - If the uploaded file's volume ≠ BM volume, Gain also slightly adjusts BM automatically for a smoother mix.

Video Mode

- Choose between Landscape and Portrait for your video.

Pad Color

- When slides are resized, any negative space will be filled in with the selected color.
- Click on the Pick button to select a color from the color table.

L. Show Output

- Toggles the **FFmpeg render console** on or off.
- **On:** Shows full technical output and debug info during video generation.
- **Off:** Keeps the interface clean and distraction-free. *(Recommended for most users.)*

M. Status Bar

(Progress Tracker)

- Displays real-time updates during video generation.

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- May **pause temporarily** before displaying activity while VimEcho Studio processes inputs and collects resources.
 - Once rendering starts, progress updates are continuous until completion.
-

N. Generate Video

- **One-Click Rendering**
 - When everything is configured, click **Generate Video** to start the **entire process**:
 - Builds the video
 - Syncs text, slides, and audio
 - Applies your selected settings
 - If any required fields are missing (e.g., invalid script path), VimEcho Studio will **display a warning** before continuing.
-

4. Advance Features & Future Capabilities

VimEcho Studio is designed for versatility. While some features are still being developed for **VimEcho Elite** and **VimEcho Pro**, you can already create **animations** and **music videos** manually using the current version. This section explains how to get the best results now — and what to expect in future releases.

4.1. Animation Mode (*Manual Method*)

VimEcho Studio isn't just for standard slide videos — it can also create **frame-by-frame animations** when combined with carefully prepared image sequences.

How It Works Now:

- Prepare a **folder of sequential images** (JPEG or PNG) to act as animation frames.
- Use a **very short slide duration** to simulate smooth playback.
- More frames = smoother motion.

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Recommended Settings for ~2-Minute Animations:

Frame Rate	Slide Duration	Required Frames	Approx. Video Length
16 FPS (<i>Smoothest</i>)	0.06s	~1,920 frames	~2 minutes
12 FPS (<i>Claymation Look</i>)	0.08s	~1,440 frames	~2 minutes

Tips for Better Animations:

- Use images at **1280×720 resolution** to avoid distortion during rendering.
- Keep your file names in **alphabetical sequence** for correct playback order (e.g., frame001.jpg, frame002.jpg ...).
- For stop motion or Claymation effects, experiment with slightly longer slide durations (0.10s–0.15s) to give the visuals a natural, hand-crafted feel.

Coming Soon in VimEcho Elite/Pro:

Future versions will introduce a **dedicated Animation Mode** with:

- Automatic frame timing
- FPS presets and custom controls
- Built-in scaling and distortion prevention
- One-click generation for large animation sets

4.2. Music Video Mode (*Manual Method*)

While a full **Music Video Mode** is coming in future releases, you can already create **lyric videos** and **music-driven visuals** in the current version.

How It Works Now:

1. **Upload your music file** in the **Voiceover/Music File** input field.
2. Prepare your slides — these can be images, graphics, or lyric backgrounds.
3. (Optional) Create a script file if you want **lyrics** or **captions** to appear on the slides.

Two Ways to Sync Lyrics Manually:

Option 1 — One Line per Slide (Precise Sync)

- Put **each lyric line** on a **separate line** in the script file.
- Use **filler lines** like the band name or song title to compensate for instrumental breaks.
- VimEcho will **space each lyric line evenly** based on the music file's duration.

Option 2 — Multiple Lyric lines per Slide (Fewer Slides)

- Put **multiple lyric lines** on a **single script line** when you want longer sections on-screen.

- Use **extra filler slides** to cover sections of music where no vocals are present.
-

Coming Soon in VimEcho Elite/Pro:

The upcoming **Music Video Mode** will add:

- Automatic lyric timing synced to uploaded music
 - Slide-to-beat matching
 - Smooth looping for background visuals
 - One-click music video generation
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4.3 Slide Text (Silent Slide Generator)

This mode allows users to create slides from a script without generating a full video.

- **How it works:**
Load a script and select a slides folder. Select Text Only in the Script Mode and the Font you would like. Do not load a voice file and do not enable background music. Then click **Generate Video**.
 - **What it does:**
VimEcho Studio will generate slides (with overlaid text) and place them in the slides subfolder of the chosen Output Folder. Copy the slides into another folder for future use. If left in the folder, the next video will write over them.
(Note: A video file will also be created — it can be ignored or deleted.)
 - **Recommendations:**
Use **1280 × 720** resolution slides for best compatibility with external video editors.
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Coming Soon in VimEcho Elite/Pro:

The upcoming **Slide Features** will add:

- Automatic resizing and framing options.
- Compatibility with future **VimEcho Frames™** tool for enhanced image/text alignment.
- Standalone "Slide Text Mode" for batch slide generation without triggering any video rendering logic.

5. Troubleshooting & Tips

Troubleshooting

Problem	Possible Cause	Solution
1. Video generation fails silently	Slide duration set too low (below ~0.06s).	Increase slide duration to ≥ 0.06 seconds . Recommended minimum is 0.08–0.1s for stable generation.
2. No video output is created	- No valid output folder selected and no default path. - Filename contains invalid characters.	- Either select an Output Folder manually or let VimEcho default to its install folder. - Remove symbols like &, %, or # from file names.
3. Voice Gain has no effect	Using TTS voices instead of an uploaded Voiceover File . Gain only applies to uploaded files.	- Upload a voiceover or music file if you want manual Gain control. - With TTS , background music mixing is automatic ; Gain has no effect.
4. Background Music not audible	- BM volume too low. - Uploaded file is dominating the mix. - BM file missing or invalid.	- Use a standard volume track for best results. - Verify the BM file is properly loaded. - Adjust Gain only when using uploaded audio.
5. Background Music cuts off early	BM file is shorter than the generated video.	This is expected : the BM file loops automatically if shorter but cuts off if longer than the video. Use a properly matched-length file for smoother results.
6. TTS voice sounds wrong or robotic	Default TTS settings or incompatible script formatting.	- Keep sentences natural with standard punctuation. - Avoid excessive symbols or emojis. - Split long paragraphs into shorter lines (one slide per line).
7. Script file doesn't load	- Script is not a .txt file. - Path contains restricted characters.	- Save the script as a plain .txt file. - Avoid symbols in filenames or directories.
8. Slide images look stretched or distorted	Slide images are not 1280x720 or not properly scaled.	- Resize slides to 1280x720 before using. - Use an image editor or an online scaling tool. - Future VimEcho tools will include an auto-scaler to fix this automatically.
9. Some slides are skipped during generation	- Fewer script lines than slides in folder. - Or script has fewer lines than slides needed .	- VimEcho automatically reuses slides if more lines than images. - If fewer lines, only the required slides are used; rename extras alphabetically if order matters.
10. Emoji characters are missing in video	Emojis are not visually rendered on slides.	This is intentional: if VimEcho recognizes the emoji's label (e.g., 🎵 → "musical note"), it will speak it aloud ; otherwise, it skips it silently.
11. Output folder missing or wrong	Output folder path deleted or renamed.	Re-select the Output Folder in the GUI before generating the video.

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Problem	Possible Cause	Solution
12. Generate button does nothing	Missing required inputs or invalid paths.	Verify that you've selected: - A valid Script File or chosen No Script mode. - A proper Output Folder . - Correct Slide Duration or uploaded voiceover.
13. Program launches slowly	Using Onfile packaging instead of Onefolder when compiled.	Expected behavior; Onfile .exe extracts internally before starting. Using Onefolder packaging gives faster launch times .
14. Error: "ffmpeg not found" (if packaging manually)	ffmpeg.exe missing from bundled files.	Make sure ffmpeg is either: - Installed system-wide, or - Properly bundled in the final VimEcho build.
15. Program freezes at start	Slow read time on presets, slides, or large audio files.	Allow a few extra seconds — VimEcho is loading input paths and syncing toggles. Large files may increase startup time.

Quick Tips

- Always test on **short scripts** before full-length videos.
- For best performance, keep **slides at 1280x720**, **scripts clean**, and **audio normalized**.
- If you hit unexpected behavior, try running the program in **Windowed Mode** with the Output Window enabled for more diagnostic info.

Tips & Best Practices

VimEcho Studio is designed for ease of use, but a few simple tips can help you get the best possible results while avoiding common issues.

1. Preparing Your Script

- **One Line = One Slide** → Each line in your .txt script creates a **single slide**.
- **Keep Lines Natural** → Break sentences where you want slides to change for smooth transitions.
- **TTS Sync Is Automatic** → When using the built-in voices (Zira/David/etc.), VimEcho automatically times slides perfectly with the narration.
- **Uploaded Audio** → When using a custom voiceover or music file, slides are evenly spaced across the uploaded file's length.

2. Image & Slide Quality

- **Recommended Resolution** → Use **1280×720** images for the best results.
 - **Automatic Resizing** → VimEcho automatically resizes images to **1280×720**. It will resize the image to the closest edge and fill in the negative space with the Pad Color.
 - **Pro Tip** → Use editors or photo tools to pre-scale your slides for perfect clarity.
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3. Background Music (BM)

- **Use Standard Volume Files** → Low-volume tracks remain low, and overly loud tracks may overpower your voice.
 - **Automatic Mixing** → If using TTS, background music is automatically balanced but **not volume-adjusted**.
 - **Uploaded Audio Mixing** → If using a custom voiceover or music file, the **Voice Gain** slider adjusts balance:
 - Increase gain → voice up, music slightly down.
 - Decrease gain → voice down, music slightly up.
 - **Looping Behavior** → If the BM track is shorter than the video, it will loop seamlessly; if longer, it trims automatically.
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4. Output Settings

- **Default Save Location** → If no output folder is chosen, VimEcho saves videos where the program is located.
 - **File Naming** → If no custom name is entered, your video will default to **final_video.mp4**.
 - **Avoid Duplicates** → Using an existing name automatically **overwrites** the file without confirmation.
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5. Performance & Speed

- **Slide Duration Minimum** → The lowest tested value is **0.03 seconds** (~32 FPS).
 - **Rendering Time** → High slide counts, long audio files, or animations may increase render time — be patient during generation.
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6. General Best Practices

- Double-check your **script formatting** before generating.
- Keep filenames simple — avoid symbols like &, %, or #.
- Organize your project folders (script, slides, audio) for smoother workflow.
- Always test shorter videos before committing to larger or longer productions.

6. Contact & Version Info

For help, comments, complaints, suggestions, or support, visit:

vimecho.com

Version: **VimEcho Studio 1.0**

Released: **2025**

Developed by: **VimEcho™**

Platform: **Offline Software for Windows 8, 10, 11**

Privacy: **No Internet Connection Required**

Features Summary Table

Feature	Description	Default	Notes
Script Mode	Voice + Text, Voice Only, Text Only, or No Script	Voice + Text	Controls narration & slide behavior
Custom Slides	Use your own images instead of generated slides	On	Images resized to 1280×720; scalable recommended
Background Music	Blends music with TTS or uploaded voice files	On	Does not normalize quiet tracks
Voice Gain	Adjusts uploaded voice volume in dB	0 dB	TTS unaffected; + to increase, – to decrease
Voice Selection	Choose between Zira (female) or David (male)	Zira	Ignored if uploaded file is used
Font Selection	Available fonts for text overlay	Segoe UI	Best to choose clean, legible fonts
Text Position	Place text Top, Center or Bottom	Center	Adjusts caption alignment
Slide Duration	Set timing per slide when no voice file present	5 seconds	Custom values supported
Show Output	Enables/disables debug output window	On	Useful for troubleshooting
Generate Video	One-click video generation	—	Renders video based on all settings

VimEcho User Guide is not final and subject to change