

365 TOOL DROP

Song Analyzer Getting Started Guide

Buyer-ready setup guide for your Gumroad delivery

What this guide covers

- Local Whisper transcription setup
- New local mood/sentiment/themes engine
- First file workflow in under 10 minutes
- Packaging notes for Gumroad buyers

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Brand: 365 Tool Drop

Quick Start At A Glance

This product runs as two local services: the web app and a local Whisper transcription service. No OpenAI dependency is required for the mood and sentiment output in this version.

System Requirements

- macOS, Linux, or Windows with Node.js 18+ and npm.
- About 2 to 4 GB free disk for dependencies and Whisper models.
- Internet only needed once for model download; daily usage can stay local.

Files Included In This Drop

- Main app: /Song Analyzer App
- Transcription service: /Song Analyzer App/transcription-service
- Guide PDF: /output/pdf/365-tool-drop-getting-started.pdf

Install And Run

Step 1: Start the transcription service

```
cd /path/to/Song Analyzer App/transcription-service  
npm install  
npm start
```

Keep this terminal open. On first run the Whisper model downloads and initialization can take several minutes.

Step 2: Start the web app

```
cd /path/to/Song Analyzer App  
npm install  
npm run dev
```

Open the local URL shown by Vite. By default the app points to the local transcription service at <http://localhost:3001>.

First Analysis Workflow

Upload and process your first track

- Upload an MP3 or WAV in the web UI.
- The app extracts audio features first (tempo, key, energy, valence, genre, mood).
- The transcription service returns text, segments, words, and local lyricsAnalysis.
- Final results combine audio and lyrics signals in one analysis card.

Expected output fields

```
{  
  "lyricsAnalysis": {  
    "mood": ["upbeat", "energetic"],  
    "emotion": ["joy", "confidence"],  
    "themes": ["ambition", "party"],  
    "sentiment": "positive|negative|neutral|mixed",  
    "sentimentScore": 0.63,  
    "energyFromLyrics": 0.74,  
    "valenceFromLyrics": 0.81  
  }  
}
```

Where this comes from

Mood and sentiment are computed locally with a rule-based analyzer in the transcription service. It uses lexicons, phrase boosts, negation handling, and energy/valence heuristics.

Configuration For Power Users

Local lyrics analysis toggles

```
export ENABLE_LOCAL_LYRICS_ANALYSIS=true
export LOCAL_LYRICS_MIN_CHARS=24
export WHISPER_PORT=3001
npm start
```

Set `ENABLE_LOCAL_LYRICS_ANALYSIS=false` if you want transcription only. Increase `LOCAL_LYRICS_MIN_CHARS` if short clips are producing noisy labels.

Troubleshooting

- If transcription fails, confirm the service is running at <http://localhost:3001/health>.
- If browser cannot connect, check firewall rules and mixed-content HTTPS restrictions.
- If output quality is poor, switch to a larger Whisper model and restart the service.
- If start-up is slow on first run, wait for model download and warm-up to finish.

Gumroad Packaging Notes

Recommended product bundle

- Include this PDF guide in the product root.
- Include a short README with exact start commands and your support email.
- Provide a one-line value statement: local transcription plus local lyric intelligence.

Suggested listing copy (short)

365 Tool Drop: Song Analyzer is a local-first music analysis toolkit that transcribes audio and generates mood, emotion, themes, and sentiment without requiring OpenAI.

Need support? Reply to your Gumroad receipt email with your OS, Node version, and error logs from both terminals.