# Audio Playlist Duration Checker - User Manual

Version: 1.0

Author: You

Language: Python

Dependencies: mutagen, tkinter

## Overview

This tool calculates the total duration of all audio files in a folder (MP3, WAV, FLAC, M4A, etc.).

It features a simple graphical interface where users can select a folder and instantly see the total playlist time.

## Requirements

Python:

- Python 3.8 or later

Required Libraries:

Install the mutagen library:

```
pip install mutagen
```

tkinter is included with most Python installations.

If missing (on Linux):

```
sudo apt install python3-tk      # Debian/Ubuntu
sudo dnf install python3-tkinter   # Fedora
```

How to Use

1. Run the Program

Double-click the script file (or run via terminal/IDE):

```
python audio_duration_gui.py
```

2. Select a Folder

Click the -Choose Folder- button.

Browse to a folder that contains audio files (MP3, WAV, etc.).

3. View Total Duration

The app will display the total playlist time in the format:

Total Duration:

1h 34m 12s

Supported File Formats

- .mp3

- .wav

- .flac

- .ogg

- .m4a

Troubleshooting

| Problem | Solution |
|---------|----------|
| "mutagen not found" | Install using `pip install mutagen` |
| "tkinter not found" | Install tkinter via your system's package manager |

Some files are skipped      | Ensure the file is a valid audio file in supported formats

Script does nothing         | Make sure Python is correctly installed and the GUI appears


Advanced Features (Coming Soon / Optional Ideas)

- Export duration to .txt or .csv

- Per-file breakdown

- Dark mode GUI

- Drag-and-drop folder support

- Standalone .exe version


Contact / Credits

Built with love using Python by [Your Name Here]

If you need help or want more features, just ask!