

# Orchestral Articulation Splitter

## User Guide v1.0

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### What It Does

Orchestral Articulation Splitter transforms expressive MIDI performances into DAW-ready articulation-specific tracks using customizable rules.

#### Perfect for:

- Strings, brass, woodwinds, and even keyboard lines
- Creating multiple tracks mapped to static articulations in your sample library
- Avoiding manual note filtering, key switch errors, or mouse-based tedium

 This tool accelerates realism by splitting MIDI into parts that are easy to assign to pizzicato, marcato, sustains, legato — whatever your libraries support.

### How to Use It

#### 1. Load a MIDI File

Click “Load MIDI File” or drag-and-drop a `.mid` file onto the drop zone.

#### 2. Choose Segmentation Method

You can split notes using:

##### Note Length:

- Use the dual slider to define what counts as Short, Medium, and Long.
- Visual feedback updates live.

##### Velocity:

- Click the “Velocity” tab to split by how hard notes were played.
- Threshold sliders define what counts as Soft, Medium, or Hard.

##### CC Modes\*:

- Split by CC1 (Mod Wheel), CC11 (Expression), or any other CC data present in the file.

\*coming soon

### 3. Playback & Audition

Use the **transport controls** to preview how your notes are classified.

#### Playback Modes:

Setting	Use Case
 <b>Polyphonic</b>	For chords and multi-note parts (e.g. piano, pads, string ensembles)
 <b>Monophonic</b>	For solo instrument lines (e.g. violin, horn, flute)
 <b>Force Single Voice</b>	Forces playback through a single static voice (useful for realism checks and avoiding preview artifacts)

 Each classification group plays with a unique sound, giving you **audible feedback** as well as visual tile coloring.

### 4. Legato Options (Optional)

You have three ways to deal with legato notes (overlapping/slurred):

Option	Description
 <b>Preserve Legato</b>	Extracts slurred notes into a separate export file
 <b>Break Legato</b>	Shortens notes by 3 ticks to intentionally break the connection between them
 <b>Ignore Legato</b>	All notes treated equally based on your selected length or velocity rule, even if they overlap

### 5. Exporting Files

Each note grouping (Short/Low, Medium, Long/Hi, Legato etc.) is **built as a separate MIDI file**

Files are **perfectly aligned** and retain the **original performance timing**. Just drop them on the same start location in your DAW.

You can:

- Rename each file before saving
- Download them individually

- Or download them all at once in a **ZIP bundle**

## Control Cheat Sheet

Control	Description
Load MIDI File	Upload .mid file
Segmentation Tabs	Choose split method: Length, Velocity, or CC
Threshold Sliders	Define what counts as short/medium/long (or velocity ranges)
Auto-Set Thresholds	Analyzes the file and auto-configures thresholds
Preserve Legato	Detect overlapping/slurred notes and isolate them
Break Legato	Crop note ends slightly to prevent overlap
Force Single Voice	Use one preview sound for all notes
Polyphonic / Monophonic	Select whether playback handles chords or solo lines
Playback Transport	Play/pause your preview and see note tiles update live
Export Buttons	Save individual or bundled classified tracks as .mid files
ZIP Download	Save all tracks in one click

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## Tips / Notes

**Quantize loosely**, or just clean up note starts/ends before importing for best split accuracy.

Use **Auto-Set** to get quick usable defaults, then fine-tune by ear. You can also view the note tiles in the top and see an animation as they are synced to playback. Their color will reflect their short/low/medium/long/hi/legato classification as determined by the slider positions.

**Legato detection is on by default**, and legato will override any other type of detection. To ignore legato, uncheck the 'Preserve Legato' checkbox. This is particularly useful for polyphonic parts like strings, ensembles or pads. To remove it altogether (this will change your note lengths) Click on the 'Remove Legato Notes' button. If you load a file and the 'Legato Analysis' section is missing, it means there were no overlapping notes in the file.

**Velocity Mode** is a great for expressive solo lines with dynamic phrasing.

## Activation

The app checks for an active license status when it opens.

Unless its the demo version, if you're offline and haven't previously activated it, the app will be blocked.

If you have activated it before, the app will run **offline for a grace period** (default: 7 days).

## Support

Visit <https://midipart.com> or use the contact form on the site for support or feature suggestions.