

Melobytes Studio

User guide

From lyrics and images to your own music

1. Welcome

Melobytes Studio is a **DAW (Digital Audio Workstation)** for algorithmic music and song creation and editing. You can also create videos by combining your music with images, video clips and lyrics. Start with lyrics, an image or your choices of musical style and settings, then shape the result yourself.

Music composition does not use generative artificial intelligence (AI). Algorithms apply musical rules to combine melodies, rhythms and harmonies using your material and settings. Lyrics can become songs with synthetic voices, an image can inspire a melody, and instrumental music can be created without lyrics.

Automatic creation is the beginning. Edit notes, instruments, tempo and arrangement; adjust synthetic voices and pronunciation; and try different versions. You can also add your own lyrics and synthetic singers to an existing MIDI melody, then combine the music with images and video.

The program helps lyricists hear their words as songs, musicians develop ideas, and anyone explore music without starting from an empty score. Beginners can use automatic composition, while experienced users can refine the details.

Create a first version, listen, and change it until it expresses your idea.

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Before you start

Choose **English** in the language selector at the top of the program. This guide uses the names shown in the English interface. Choose the song's language separately beside the lyrics.

Four useful terms

- **Project:** your complete creation, including settings and edits.
- **Track:** a separate lane for an instrument, voice, audio, images or video.
- **Clip:** a section within a track that you can move or edit.
- **Timeline:** the area showing when each clip starts and how long it lasts.

MIDI lets you work with the notes and instruments of a musical composition. You will use it when importing and editing music.

For a first try, follow pages 3–9. Then find the question about the change you want to make.

2. Your first composition

Click **New**, enter a **Title** and open **Create**. The four choices run from left to right in this order.

01 — Lyrics to Song

1. Choose **Lyrics to Song** and type or paste your lyrics. To try a sample, select **Use example**.
2. Set the lyrics' **Language** and choose **Voice 1**. To use two singers, enable and choose **Voice 2** too.
3. Choose **Tempo**, **Meter**, **Key** and **Scale**, or keep the defaults.
4. Click ♦ **Generate song**. When it finishes, press Play.

Put **[Verse]** or **[Chorus]** on a separate line before a section to mark the song structure. These labels are not sung.

02 — Instrumental

1. Choose **Instrumental**.
2. Choose the musical character, **Duration in minutes** and musical settings.
3. Click ♦ **Compose music** and listen.

03 — Image to MIDI

1. Choose **Image to MIDI**.
2. Click **Choose image** or drag an image into the selection area.
3. Set **Tempo**, click Generate from image and listen.

04 — MIDI Lab

1. Choose **MIDI Lab**, the last option on the right, and open or drop a MIDI file. Its tracks appear automatically.
2. To add singing, enter lyrics, choose their language and singers, and select a melody track for each enabled voice.
3. Open **Lyrics & pronunciation...** to check pronunciation and syllables.
4. Click **Apply voices**. To edit only the music, continue without adding lyrics.

On screen: Lyrics to Song

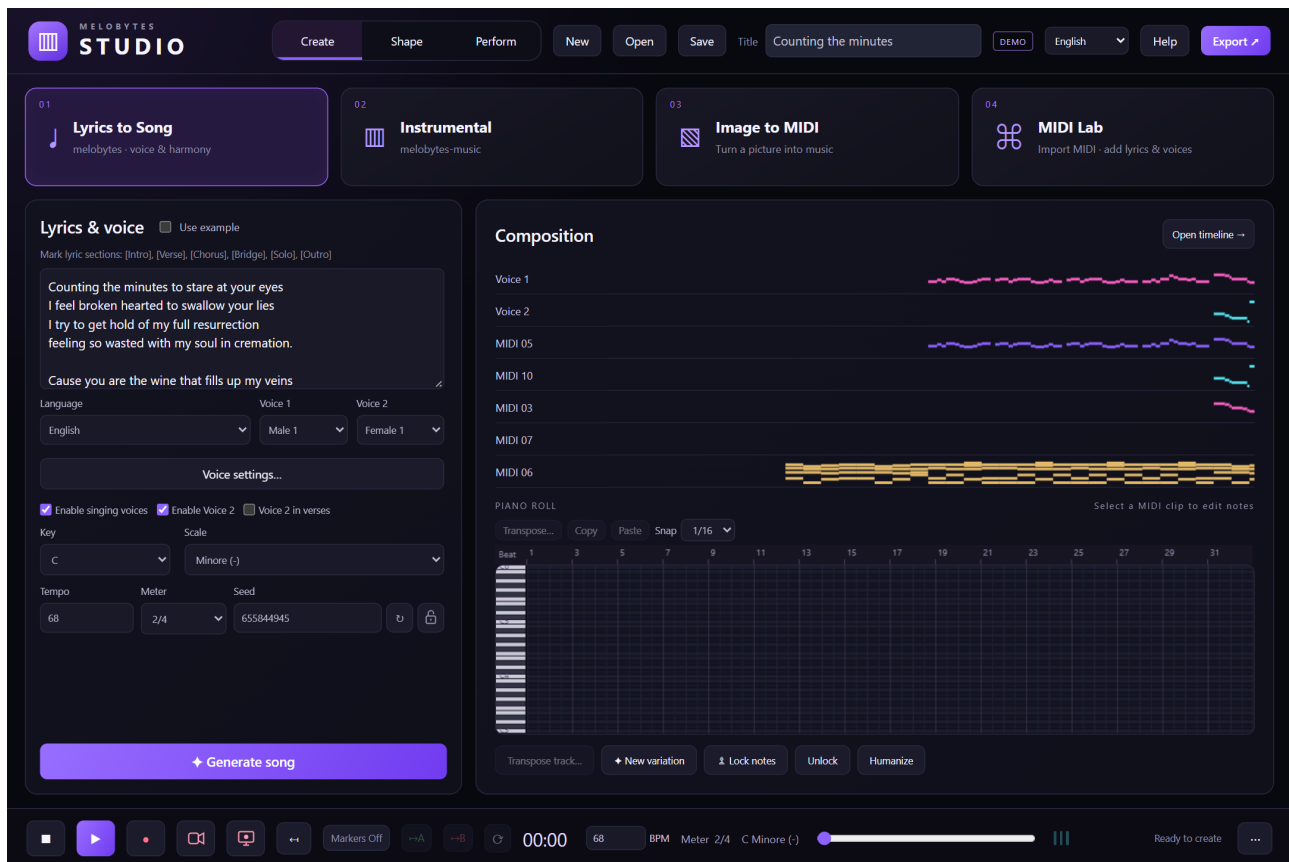


Figure 1. Enter lyrics, select their language and voices, then click ♦ **Generate song**.

1. **Left:** enter lyrics and choose the language and singers.
2. **Below the voices:** adjust the musical settings.
3. **Generate song:** starts composition. The result appears on the right.
4. **Open timeline:** takes you to project editing.

On screen: Adding lyrics to MIDI

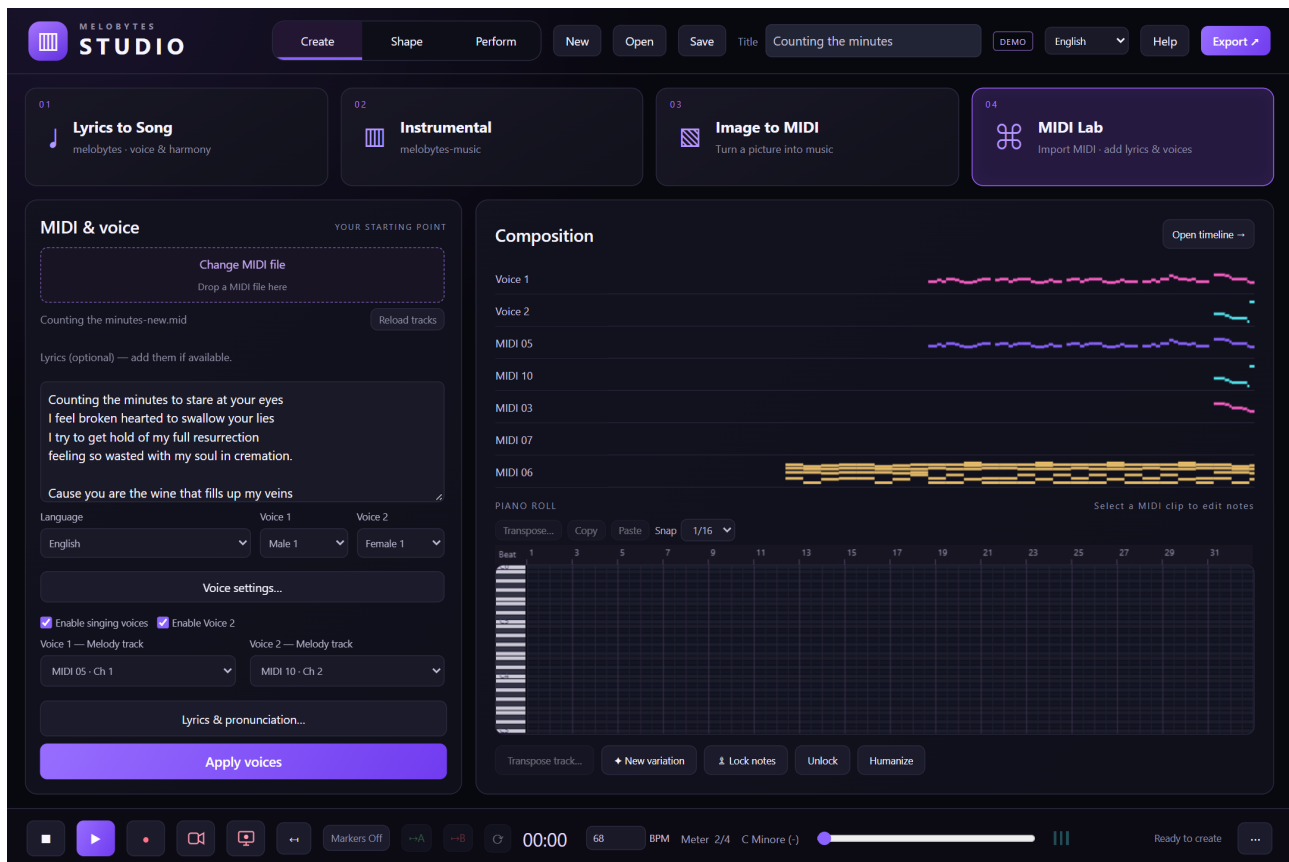


Figure 2. Open a MIDI file, add your lyrics, and choose the voices and their melody tracks.

1. Select a MIDI file in the upper-left area.
2. Enter lyrics and choose the language and singers.
3. Select the melody track for each voice.
4. Open **Lyrics & pronunciation...** to check and correct pronunciation.
5. Click **Apply voices** to hear the lyrics sung over the music.

3. Your first edit

After creating or importing music, click **Shape** at the top, or Open timeline beside the composition.

Listen and select

1. Press Play to hear the project.
2. Click the ruler above the tracks to move the playhead.
3. Select a track or clip. Its available settings appear in **Inspector**.

Change the music

- **Clip position:** drag left or right on the timeline.
- **Clip duration:** drag its left or right edge.
- **Notes:** double-click a MIDI or voice clip to open **Piano roll**. Drag notes vertically to change pitch, or horizontally to change timing.
- **Instrument:** select a MIDI track and open the list beside **Instrument** in **Inspector**.
- **Volume:** select the track and adjust **Volume** in **Inspector**.
- **Speed:** change **BPM** in the bottom bar. Higher values mean faster music.

Listen again and save

Press Play after an edit. Use Undo or **Ctrl+Z** if you dislike the result. **Ctrl+Y** restores an undone change. Click **Save** to keep your work.

Settings in **Create** prepare the next composition. To change existing music, use **Shape** and the bottom-bar **BPM**.

See the notes more clearly

Increase **Time zoom** or **Note size**. Use **Expand** for a larger editing area and **Fit** to see the full clip.

On screen: Tracks and notes

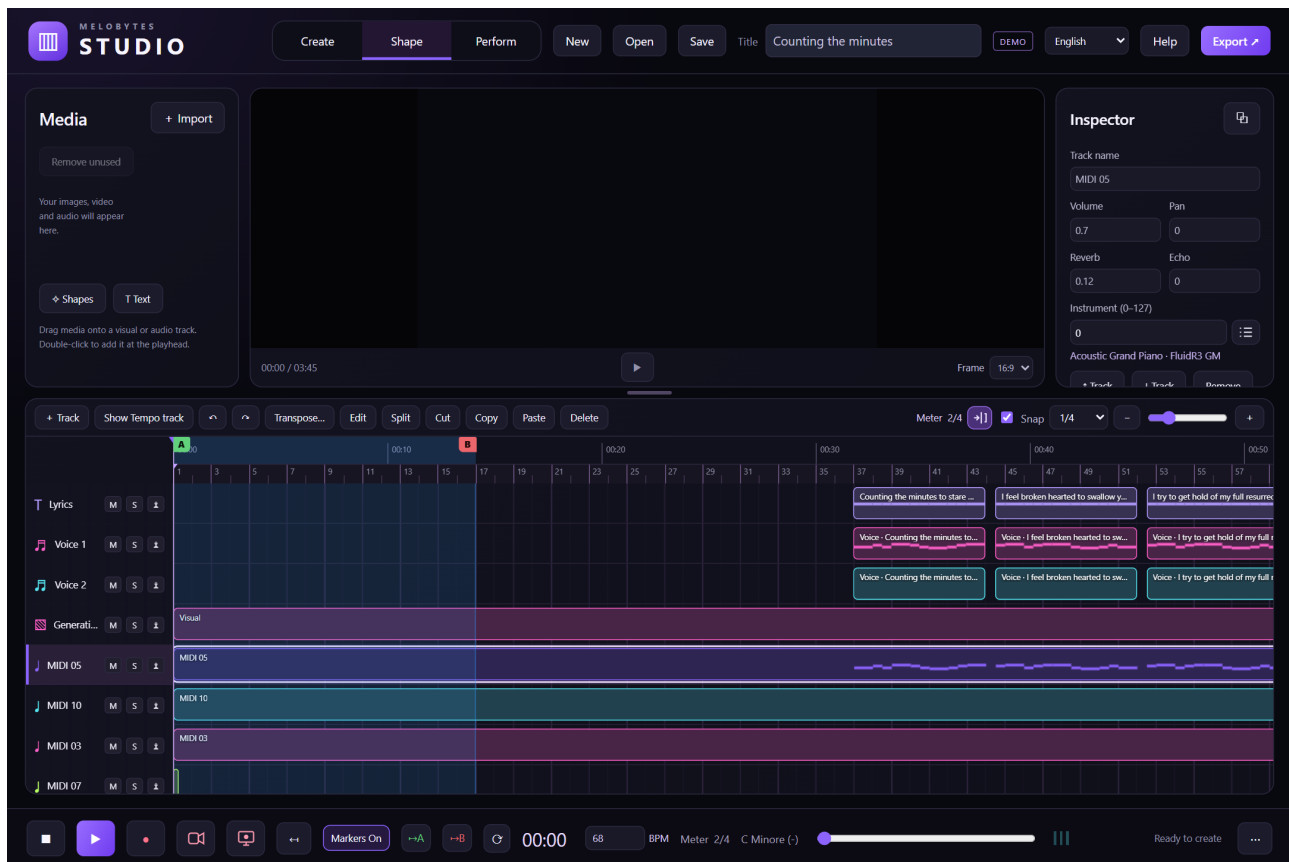


Figure 3. Select tracks and clips on the timeline. **Inspector** is on the right. **A–B** markers define a range.

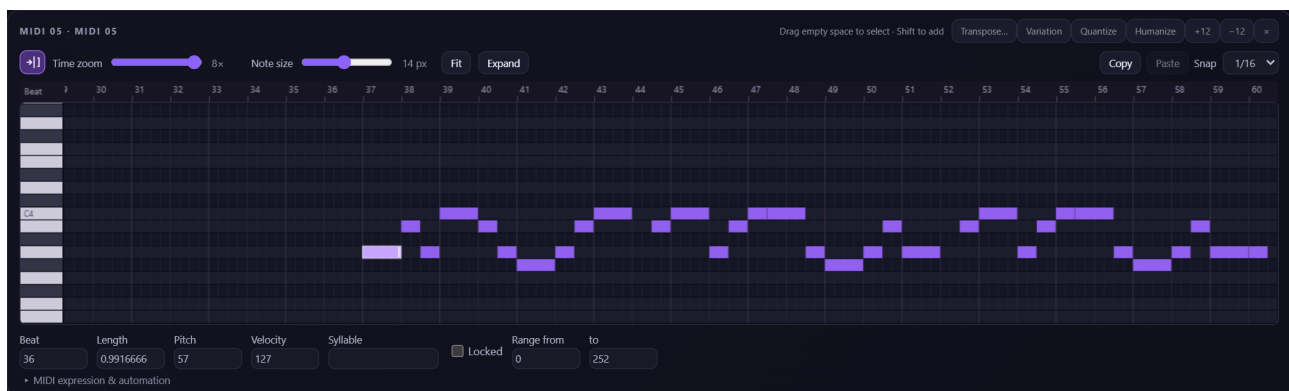


Figure 4. Double-click a musical clip to open its notes. Select a note to change its pitch, position or duration.

4. Saving and exporting

Continue working later

Click **Save** or **Ctrl+S**, choose a name and location, and save the project. Later, click **Open** and select the saved project.

The **three-dot button** in the bottom bar opens **Project & sound**. It includes:

- **Save project as...** to keep a separate copy with another name.
- **Save with media...** to gather the images, videos, recordings and other files used by the project.
- **Keep this version** to keep a version before trying other changes.

Listen to or share the result

1. Click **Export** ↗ at the top.

2. Choose an output format.

3. Choose where to save the file and wait for export to finish.

- **WAV audio** saves the music and voices as they sound in your mix.
- **MIDI** saves music for further note and instrument editing. To keep synthetic singing audio, choose WAV or video.
- **Video** combines sound, images, video clips and visual elements in a WebM file.
- **Sheet music** saves a PDF score. MuseScore 4 must be available on the computer.
- **Subtitles** saves synchronized lyrics in an SRT file.

Saving keeps an editable project. Exporting creates a file of the result. It is useful to do both.

Trial mode allows creation, playback, editing and project saving. Exporting requires activation.

On screen: Keep and share your work

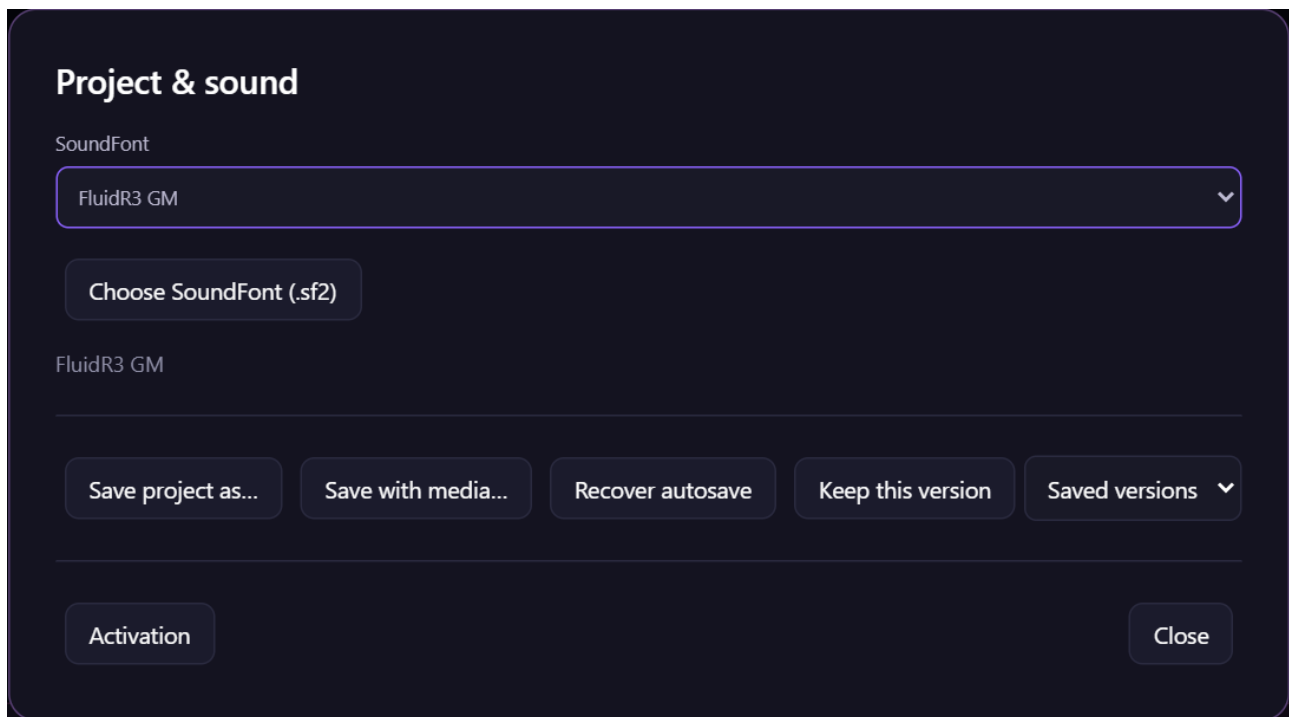


Figure 5. Use **Project & sound** to save another copy or collect the project and its media.

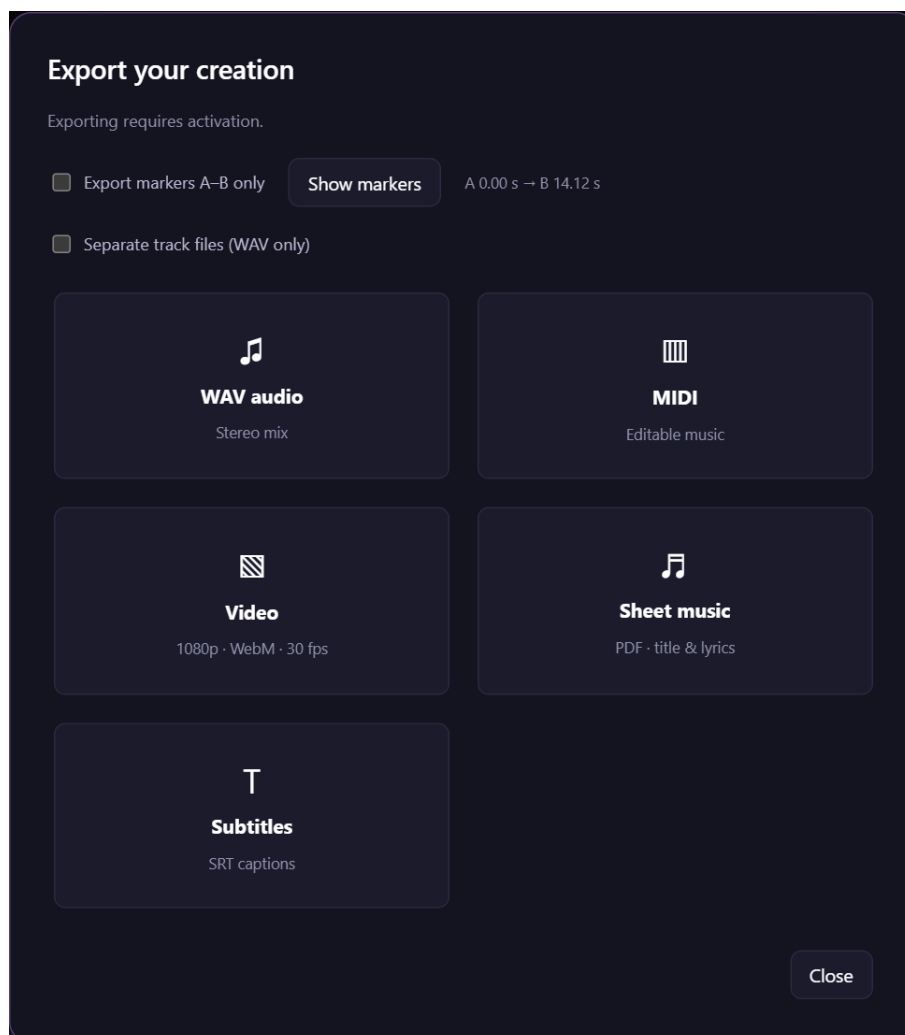


Figure 6. Choose the output format in **Export**. This window also includes **A–B** range and separate audio-file options.

5. Questions and answers

5.1 Creation, instruments and notes

How do I create different music from the same lyrics?

Keep the lyrics and click ♦ **Generate song** again. Leave the padlock beside the seed unlocked for a new result. You can also change musical settings before generating again. Save the previous version first if you want to keep it.

How do I keep a result I like?

Click **Save**. Before trying another version, use **Save project as....** Locking the seed helps repeat generation with the same settings, but does not replace saving your project.

How do I change a track's instrument?

Select a MIDI track in **Shape**. In **Inspector**, click the list button beside **Instrument**, choose **Group** and **Instrument**, and use **Preview** to listen. Click **Use instrument** to apply it.

How do I change a note?

Double-click the clip. Drag a note up or down for pitch, left or right for timing, and its right edge for duration. For exact values use **Beat**, **Length** and **Pitch**.

How do I add or delete notes?

Double-click an empty area in **Piano roll** to add a note. Select notes and press **Delete** while working in the note editor to remove them.

How do I move or copy several notes?

Drag a selection box in empty space. Hold **Shift** to add notes to the selection. Drag one selected note to move them together. For copying, press **Ctrl+C**, select the destination on the note ruler, then press **Ctrl+V**.

How do I transpose a melody?

Select notes and click **Transpose...** in **Piano roll**. Positive values raise the pitch; negative values lower it. With no notes selected, the whole clip changes. For entire tracks, select them on the timeline and use its transpose button.

5.2 Tempo and arrangement

How do I speed up or slow down the existing song?

Change **BPM** in the bottom bar and listen again. **Tempo** in **Create** affects the next composition. If a clip does not follow a tempo change, check **Follow tempo changes** in its **Inspector**.

How do I change tempo at one point?

In **Shape**, click **Show Tempo track**. Click the tempo lane where the change should begin. Select the point and set its BPM and **Instant** or **Gradual** transition. Add another point with the old BPM to return to the previous speed. Right-click a point to remove it.

How do I move or split a clip?

Drag it on the timeline. To split, select the track, place the playhead at the cut, and click **Split**. With several tracks selected, clips crossing that position are split on all selected tracks.

How do I repeat a section, such as a chorus?

Enable markers using **Markers Off**. Place the green marker at the start and the red marker at the end. Select tracks, click **Copy**, move the playhead to the destination and click **Paste**. Include both voices and accompaniment for the whole section. Pasting does not move existing clips out of the way.

How do I remove part of a song?

Set the range with the markers and select the tracks. **Cut** removes the section and closes the gap in selected tracks. **Delete** leaves a gap. Select all tracks that must change together to preserve synchronization.

How do I delete a whole track?

Right-click it and choose **Delete selected tracks**. Select several tracks first with **Shift** or **Ctrl**. Unlock locked tracks before deleting.

How do I move precisely or protect edits?

Enable **Snap** to align movements to rhythmic divisions; disable it for free positioning. Use the padlock or **Locked** for tracks, clips or notes you want to protect. Unlock them before editing again.

5.3 Lyrics and pronunciation

Make these detailed changes in **MIDI Lab** → **Lyrics & pronunciation...**, after importing music and selecting melody tracks for the voices.

How do I add lyrics to an existing melody?

Import MIDI, enter lyrics and choose their language. Select a singer and melody track for **Voice 1**. Disable the second voice if unwanted. Click **Apply voices** and listen.

How do I correct a word's pronunciation?

Check the language, spelling and accents first. Open **Lyrics & pronunciation...** and select the syllable. Open **Phoneme help**, use its examples in **Phonemes**, and click **Set**. Listen to the line. Help explains 49 codes and symbols, follows the lyric language when a translation exists, and otherwise uses English. Pay attention to letter case and the language of each foreign example.

How do I stretch a syllable over more notes?

Select the syllable and increase **Notes**. For example, **3** spreads it over three consecutive melody notes. Listen and adjust until it fits.

How do I put two syllables on one note?

Select adjacent syllables with **Shift** or **Ctrl**, then click **Join**. Select the group and click **Split** to undo a join. On a single syllable, splitting separates sounds where possible, for example j a → i | a. Otherwise it adds an empty □ cell on the right and selects it: enter **Phonemes** and click **Set**. To remove an empty cell, select it and click **Join**. Empty cells are not sung but use their assigned notes. The written lyrics stay unchanged.

How do I hear just the line I am correcting?

Select the line and singer and use the line preview. Use the music preview to hear only its melody. The unprocessed preview lets you compare the original voice without added effects.

How do I apply corrections to the song?

Click **Apply voices** inside the editor. If you close the window after editing, the program asks whether to update the voices. Choose **Yes** to hear the changes in the full arrangement.

On screen: Lyrics and pronunciation

Lyrics & pronunciation
English - Voice 1

Join Split Notes: 1 Voice effects: ~Vibrato ~Tremolo ~Fade in ~Fade out Ornament: None Voice 1 Without processing Preview line

Lyrics Copy Paste **Pronunciation & notes**

1 Counting the minutes to stare at your eyes
2 I feel broken hearted to swallow your lies
3 I try to get hold of my full resurrection
4 feeling so wasted with my soul in cremation.
5
6 Cause you are the wine that fills up my veins
7 In this rotten love game nobody gains
8 since I am the one to make it on my own
9 And you sit there watching me breathing alone

1 k 'aU n | t I N | D 'e | m 'I | n I t s | t 'u: | s t 'e@ | 'a t | j 'o@ | 'aI z |
2 'aI | f 'i: l | b r 'oU | k @ n | h 'A@ | t I2 d | t 'u: | s w 'e | low | j 'o@ | l
3 'aI | t r 'aI | t 'u: | g 'E t | h 'oU l d | 'e v | m 'aI | f 'U l | r I2 | s 3 | r
4 f 'i: | l I N | s 'oU | w 'eI s | t I2 d | w 'I D | m 'aI | s 'oU l | 'I n | k r I2 |
5
6 k 'O: z | j 'u: | 'A@ | D 'e | w 'aI n | D 'a t | f 'I l z | 'V p | m 'aI | v 'eI n z
7 'I n | D 'I s | r 'e | t @ n | l 'V v | g 'eI m | n 'oU | bod | d i | g 'eI n z |
8 s 'I n s | 'aI | 'a m | D 'e | w 'e n | t 'u: | m 'eI k | 'I t | 'e n | m 'aI | 'oU
9 'a n d | j 'u: | s 'I t | D 'e@ | w 'e | tS I N | m 'i: | b r 'i: | D I N | a# | l

Phonemes: k 'aU n Set Phoneme help

Melody track: MIDI 05 - Ch 1

Line 1 - 10 notes

37 38 39 40 41 42 43

Preview music

Shift-click to select adjacent syllables. Split restores a joined group. Apply voices Close

Figure 7. Lyrics are on the left and syllables on the right. The selected syllable has a purple outline.

- **Notes** sets the number of melody notes used by the syllable.
- **Join / Split** changes how syllables fit the melody.
- **Line preview:** listen to the part you are editing.
- **Phonemes / Phoneme help** helps you correct pronunciation using examples.
- **Apply voices** updates the song with your edits.

How do I copy a chorus with pronunciation edits?

Select complete lines and click **Copy**. Put the cursor on a new line and click **Paste**. Within the same Studio session, pronunciation edits and syllable-to-note assignments are copied too.

5.4 Voices and expression

How do I choose another voice?

In **Create**, change **Voice 1** or **Voice 2**. Open **Voice settings...** and use the line preview to try it. In **MIDI Lab**, click **Apply voices** to update vocals.

How do I use a second singer?

Enable **Enable Voice 2** and choose a voice. In **Lyrics to Song**, the second voice initially sings choruses; enable **Voice 2 in verses** for verses too. In **MIDI Lab**, also choose its melody track before applying voices.

How do I adjust a voice's character or clarity?

Open **Voice settings...** and select **Male voices** or **Female voices**. Try small changes to consonant volume, articulation rate, breath or roughness, listening to the same line each time. Settings affect every voice of that type in the current project.

How do I smooth the transition between syllables?

In **Voice settings...**, increase overlap slightly and listen. Reduce it if words become less clear. Articulation rate changes how quickly a syllable is pronounced without changing the song's tempo.

How do I add expression to a syllable?

In **MIDI Lab** → **Lyrics & pronunciation...**, select a syllable and enable vibrato, tremolo, fade-in or fade-out. Combine effects and choose an ornament. Preview and click **Apply voices**. If a note is too short for an ornament, choose **None** or lengthen it.

How do I compare with the original voice or reset settings?

Use the unprocessed preview, then the normal preview to compare. Click **Reset this voice type** to restore defaults for the currently selected voice type.

How do I hear only accompaniment or one voice?

In **Lyrics to Song**, disable **Enable singing voices** for instrumental playback. In **Shape**, use **Mute** to silence a track or **Solo** to hear only soloed tracks. Solo also affects visual tracks.

On screen: Voice settings

Voice settings

Voice 1

Male 1

Voice 2

Female 1

All voices in the current project

Shared by all singers of each type. Saved in this project. Whisper and Croak use the male settings.

Male voices

Female voices

Formant (%)

100

Breath (added)

0

Voicing (%)

100

Consonant strength (%)

180

Articulation speed (wpm)

120

Roughness (-1 = original)

-1

Age character (0 = original)

0

Overlap (ms)

100

Lower speed gives consonants and transitions more time. Note duration stays fixed; very short notes limit the effect. Consonant strength adjusts their volume.

Approximate timbre, not a literal age. Adjusts formants and roughness while keeping the sung notes unchanged.

Blends consecutive syllables. 0 disables overlap; short notes limit it automatically.

☐ Gentle audio processing

Listen separately to each singer. Too much reverb can blur pronunciation.

Reset this voice type

Preview singer

Voice 1 · Male 1

Preview line

1. Counting the minutes to stare

▶ Preview line

▶ Without processing

Uses the selected melody when available; otherwise a steady reference note. The project notes stay unchanged.

Hide settings

Figure 8. Choose a voice type, try small adjustments and preview a line. Use the unprocessed preview to compare with the original voice.

5.5 Recording, images and video

How do I record my voice or an instrument?

Place the playhead at the start and press the red record button beside playback. Choose the microphone or instrument input and, for accompaniment, **Play the arrangement while recording**. Start recording, then press **Stop** when finished. The recording is added to the project. Use headphones when recording with music.

How do I balance the sounds?

Select each track and adjust **Volume** in **Inspector**. **Pan** places sound left or right. **Reverb** adds space and **Echo** adds repeats. Make small changes and listen to the tracks together.

How do I add images or video?

In **Shape**, use Media → Import and choose files. Double-click an item to add it at the playhead, or drag it onto a visual track. Move the clip and drag its edges to set when it appears.

How do I show an entire image without cropping?

Select the clip. Under **Framing** in **Inspector**, choose **Fit — Keep proportions**. To cover the frame, choose **Fill — Crop to frame**; the image edges may be cropped.

How do I add a title or text over the picture?

Click **Text** in **Media**, or add a text track using + Track. Enter text in **Inspector** and choose font, size and color. Move and resize the clip to set how long the title is shown.

How do I show shapes over a photo or video?

Add shapes and place their track above the image/video track. Set a transparent **Background** in the shape clip's **Inspector**. Higher visual tracks appear in front of lower ones.

How do I edit a video's audio separately?

Select the video clip and use Detach audio in **Inspector**. Its sound becomes a separate track where you can adjust volume and position. When using Solo on the video, also solo the audio track to hear them together.

5.6 Files and common questions

How do I export only part of the composition?

Enable markers, place green at the start and red at the end. Open **Export** ↗, enable **Export markers A–B only** and continue. Use **Loop A–B** to audition the range repeatedly first. Disable range export when you want the whole project again.

How do I save each instrument or voice as a separate audio file?

In audio export, enable **Separate track files (WAV only)** and choose a folder. Check **Mute** and **Solo** first: they affect which tracks are exported.

How do I move a project to another computer?

Open **Project & sound** from the three dots and choose **Save with media...** Transfer both the project file and its accompanying media folder. Open the project in Melobytes Studio on the other computer.

Why is a track silent?

Check **Mute**, low **Volume**, or **Solo** on another track. For a voice clip, also check **Mute this voice clip**. Restart playback after changing the setting.

Why do the lyrics not fit the melody?

In **MIDI Lab**, the melody needs enough notes for the syllables. Choose a longer melody, shorten the lyrics, or use **Join** where consecutive syllables should share a note. Check whether any syllable has been assigned too many notes.

Why can I not edit something or hear a correction?

Check whether tracks, clips or notes are locked. Wait for ongoing work or recording to finish. After lyric or pronunciation changes in **MIDI Lab**, click **Apply voices** and restart playback.

Can I recover unsaved work?

Open **Project & sound** from the three dots and choose **Recover autosave**. If a copy is available, check it and save under a new name. Autosave is a safeguard; still use **Ctrl+S** regularly.

Shortcuts: Ctrl+S save · Ctrl+Z undo · Ctrl+Y redo · Ctrl+C copy · Ctrl+V paste. Copy and paste act in the area you are working in: text, notes, or the selected track range.