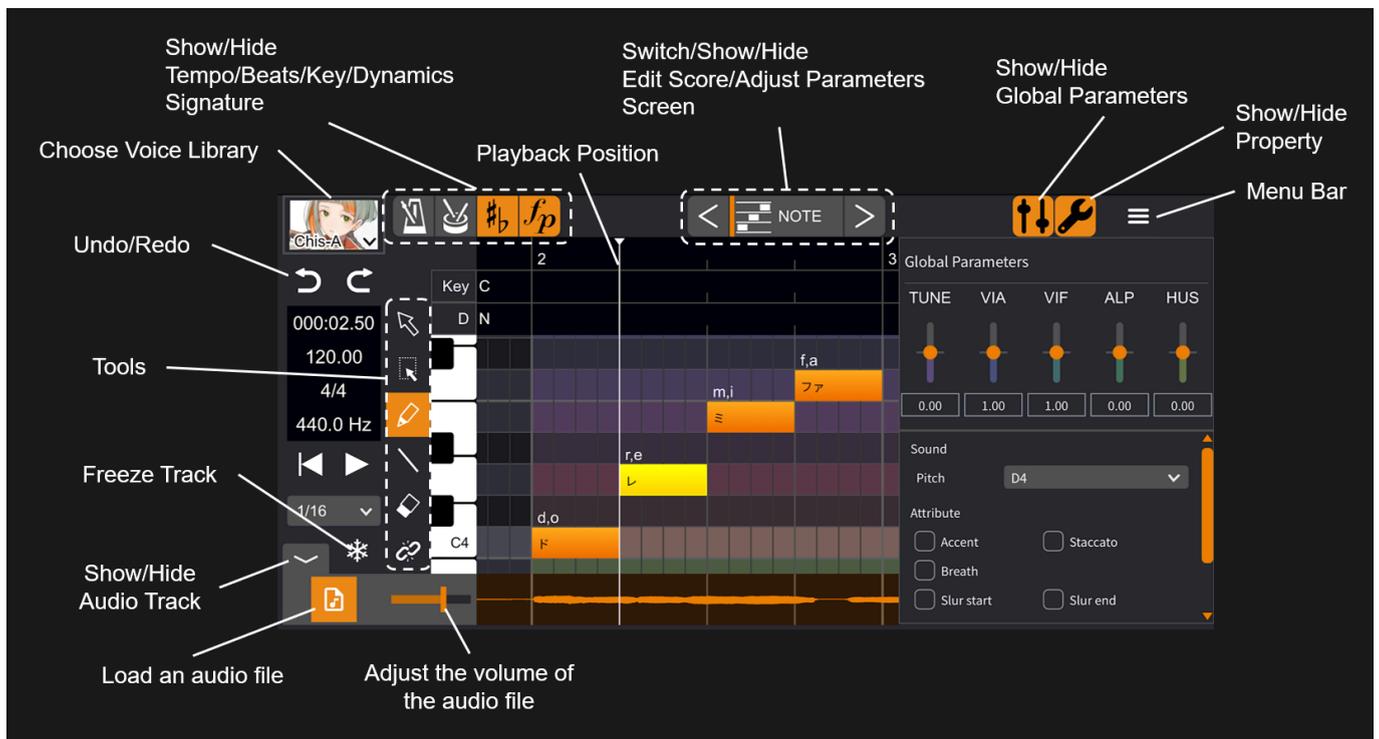


# MANUAL

Learn how to use the iOS/iPadOS version of “VoiSona”.



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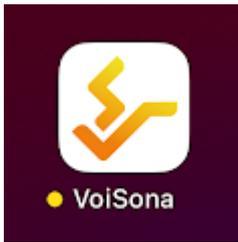
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[Q&A](#)

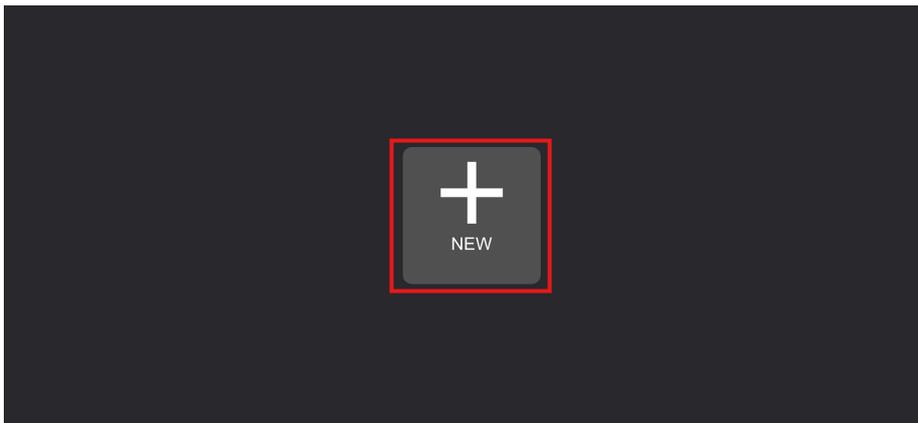
## Activation method

### Using VoiSona as Standalone App

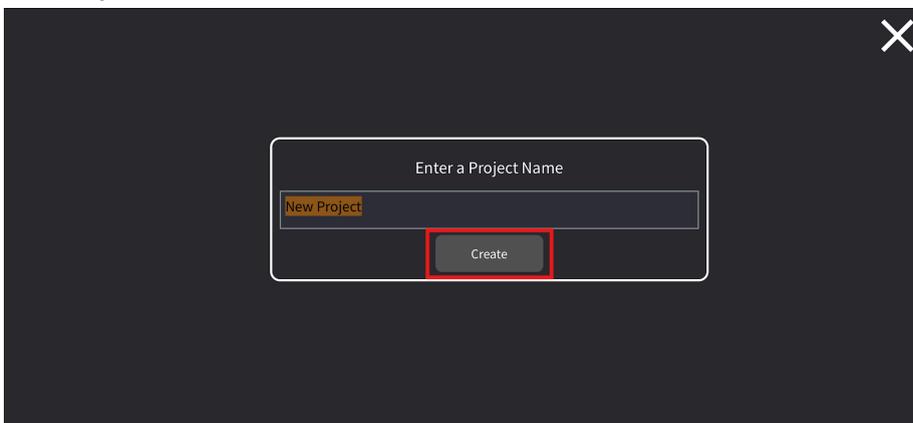
1. Install the "VoiSona" application here.  
<https://apps.apple.com/us/app/voisona/id6478200421>
2. Tap the app icon on the home screen to start "VoiSona."



3. Tap "NEW."



4. Enter any project file name and tap "Create."  
The project file (.tsmsln) will be saved under "On this iPhone (iPad)" > "VoiSona" > "Projects."



5. The "VoiSona" editing screen will appear.



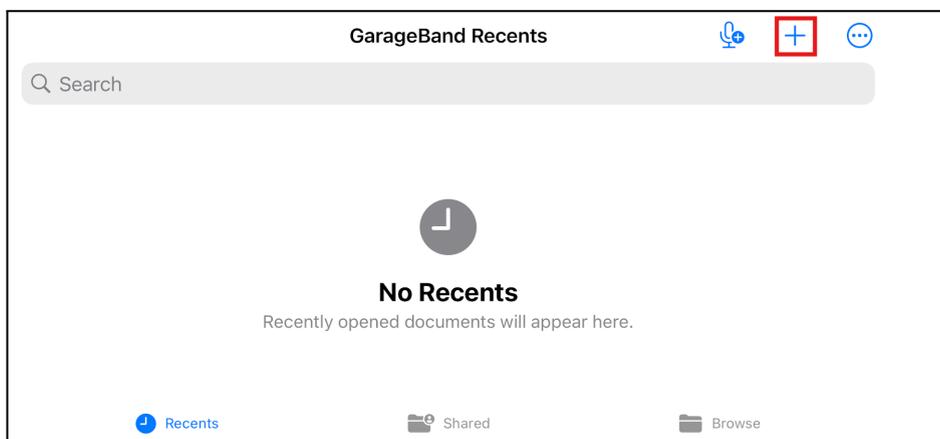
## Using VoiSona as Instrument Plug-in

"VoiSona" can also be used as an Audio Units (AU) plug-in from a DAW (Digital Audio Workstation). Below is an example of how to use VoiSona with "GarageBand for iOS".

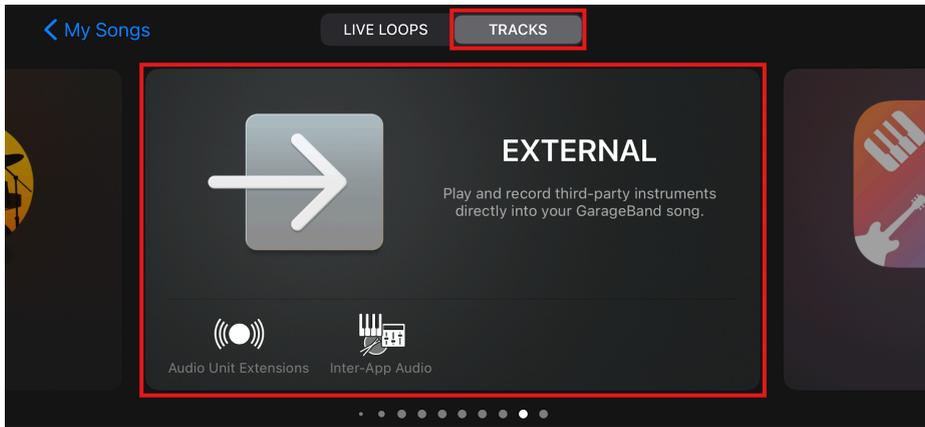
1. Tap the app icon on the home screen to launch "GarageBand for iOS."



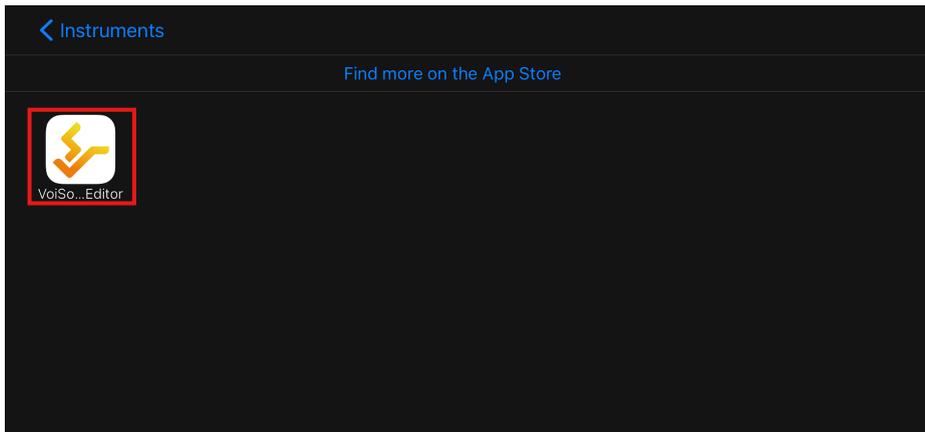
2. Tap "+."



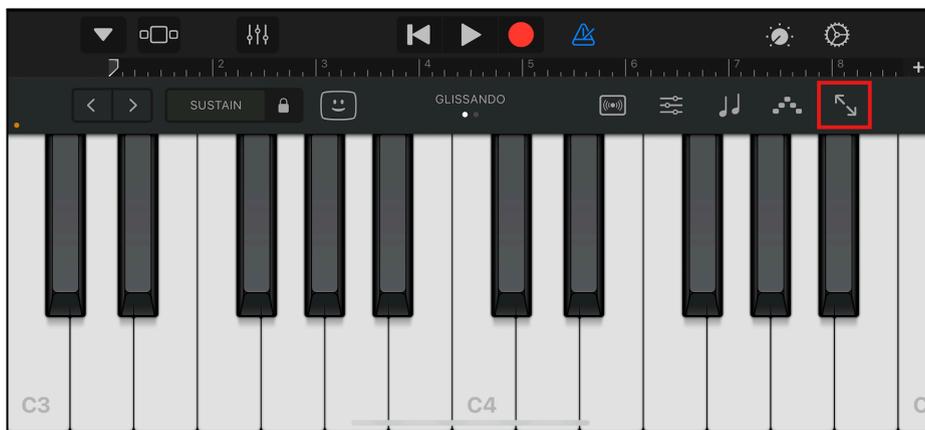
3. Tap "TRACKS" > "EXTERNAL."



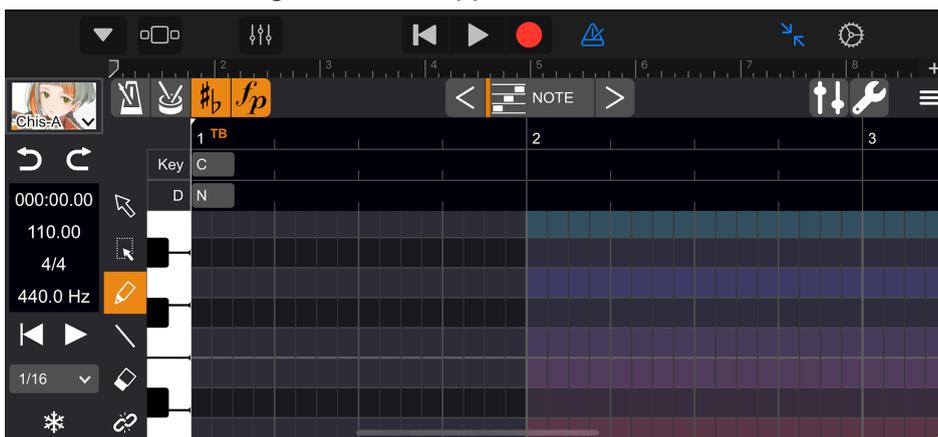
4. Tap "VoiSona Song Editor."



5. Tap the button in the red frame.



6. The "VoiSona" editing screen will appear.

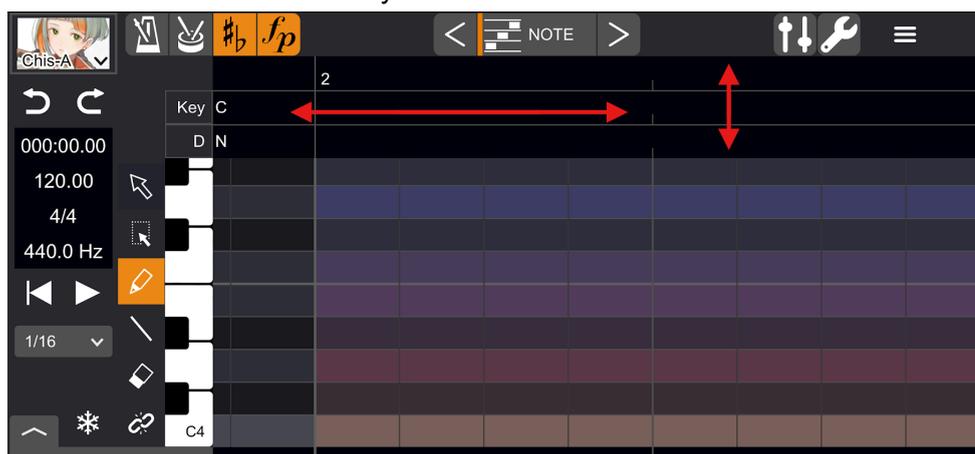


\*Depending on the DAW, the project file may not be saved unless there is some MIDI data set on the DAW's track. In this case, please place some dummy MIDI data on the track.

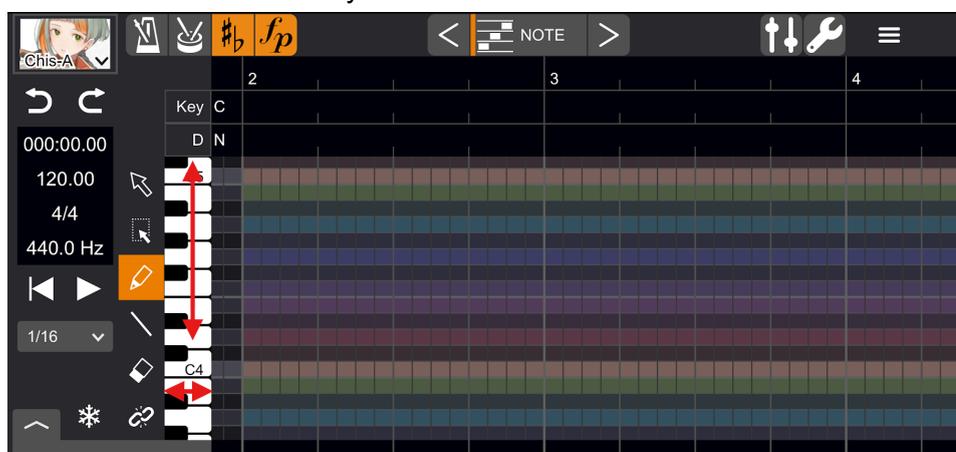
## Explanation of Song Editor Window

### Basic Operations

Dragging left or right in the ruler area horizontally scrolls the timeline. Dragging up or down in the ruler area zooms in/out horizontally.



Dragging up and down in the keyboard area scrolls vertically. Dragging left and right in the keyboard area zooms in/out vertically.



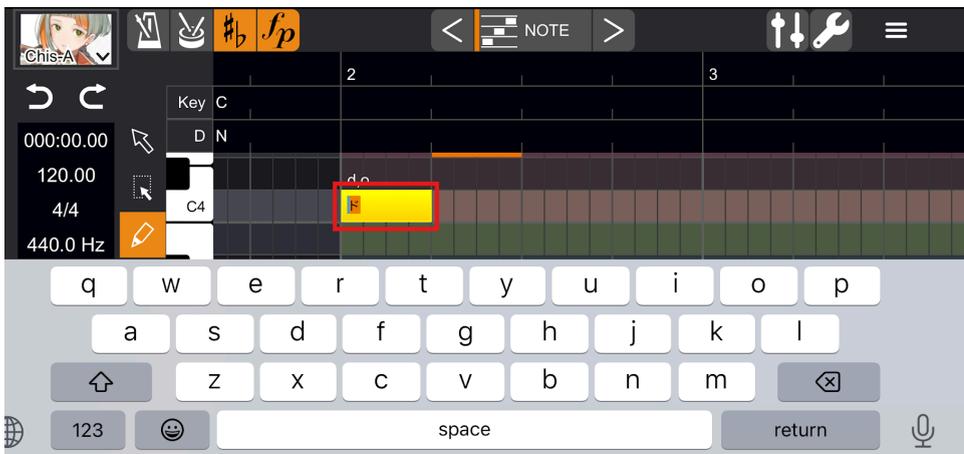
Using the pen tool, drag on the piano roll to enter notes (you can enter them starting from measure 2 onwards).

You can move or change the length of input notes by dragging them.

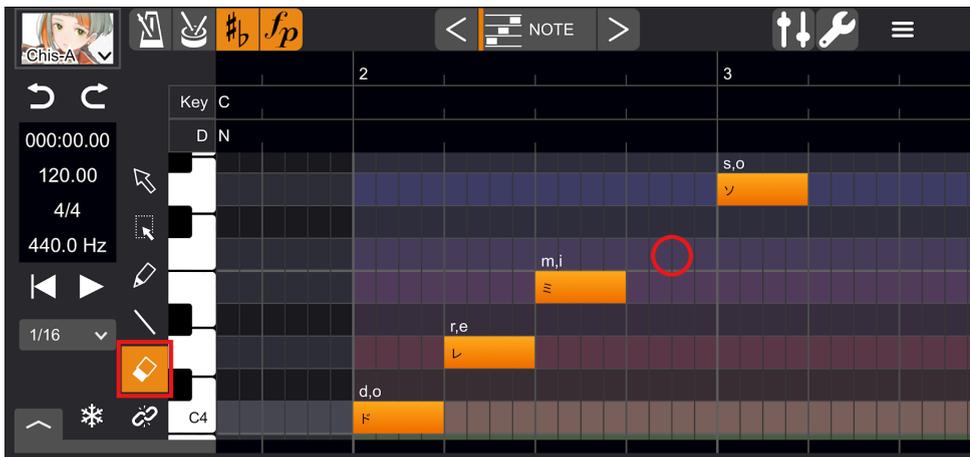


Double-tap a note to enter lyrics.

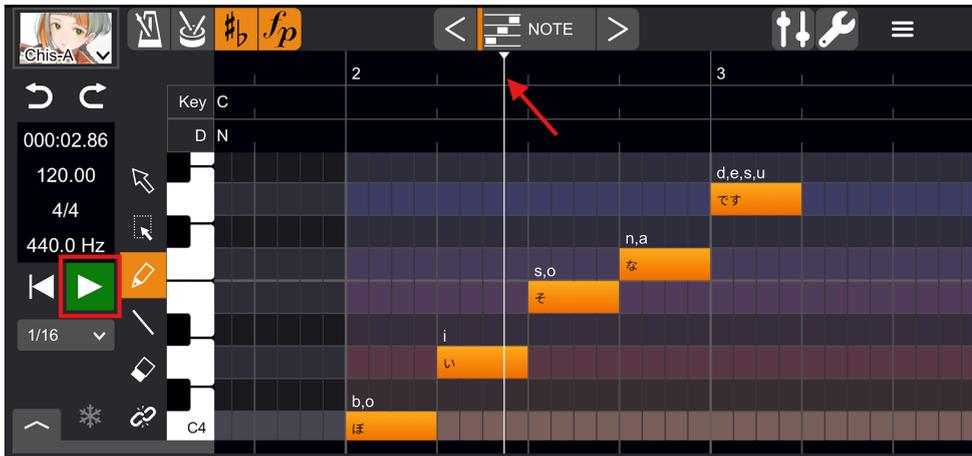
If you enter a space in the lyrics, the lyrics after the space are assigned to the next note.



Tap a note with the eraser tool to delete it.



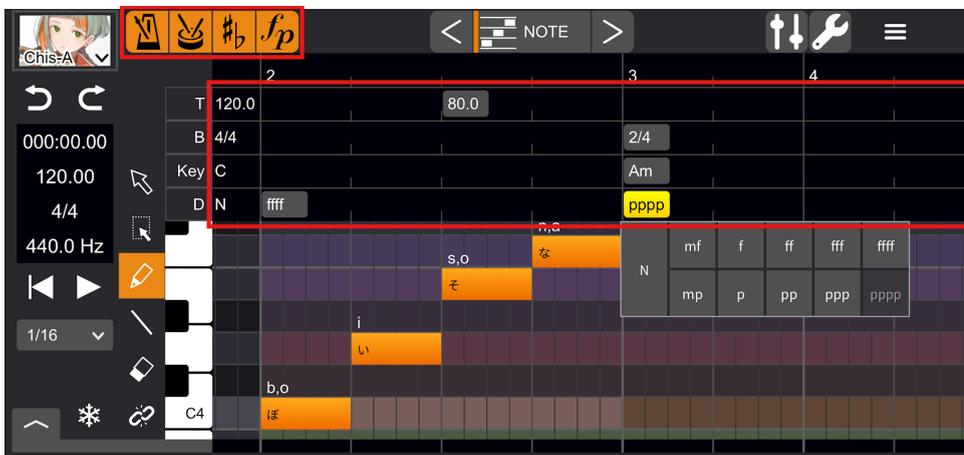
Tap the ruler area to set the play position, then tap the "Play" button to start playback.  
Tap again to stop playback.



The tempo, time signature, key signature and strength/weakness symbols can be shown or hidden by tapping their respective buttons.

Double-tap on the editing area to edit each symbol.

Each symbol can be deleted using the eraser tool.



Tapping the Global Parameters button will display global parameters that affect the entire song track. Adjust parameters using the slider.



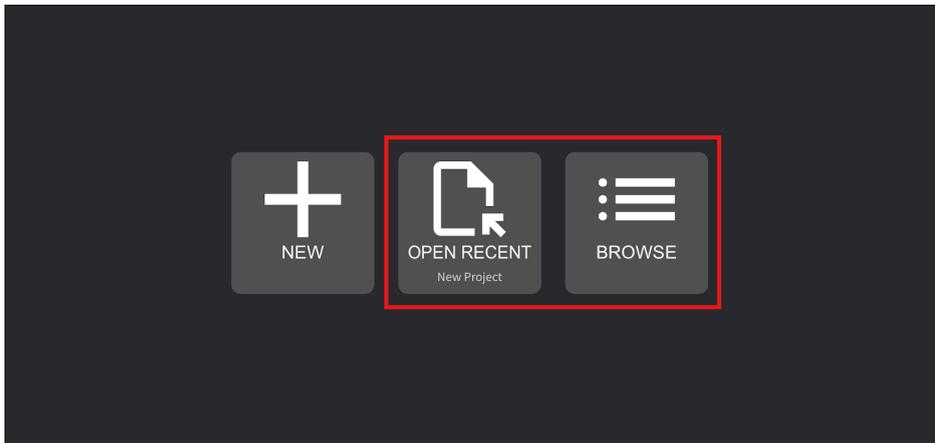
When you close the "VoiSona" application or open another project, the project file (.tsmln) is automatically saved (no need to save it manually).

When you restart "VoiSona" app, the screen shown below will appear.

You can open recently opened projects by tapping "OPEN RECENT."

For previously saved projects, tap "BROWSE" to show a list and double-tap to open them.

Also, selecting "PROJECTS" from the menu bar will display the same screen.

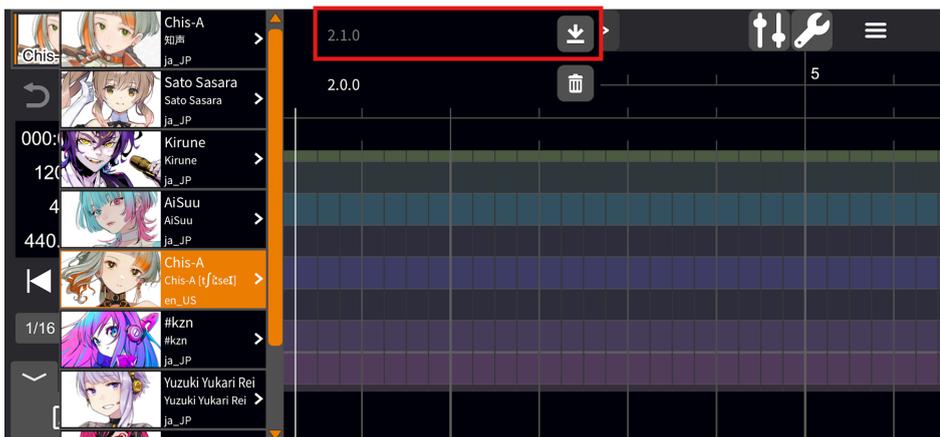


## Selecting Voice Library

If you have registered a "VoiSona" account and authenticate as a user, you can use voice libraries you already own (version 2.0 or later, excluding Beta).

Click on the Library to display a list of available voice libraries and select one.

Voice libraries that have not been downloaded will have a download button to the right. Tap it to download and use.

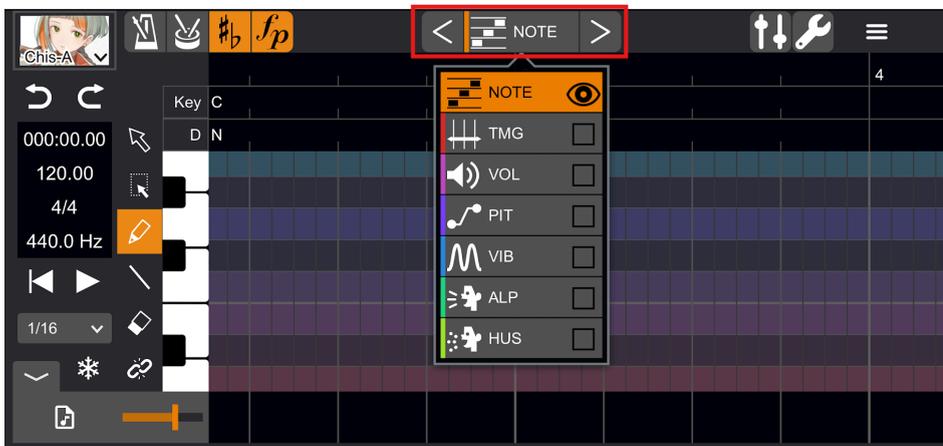


## Fine-tuning Parameters

You can switch between adjustment screens to make fine-tune parameters.

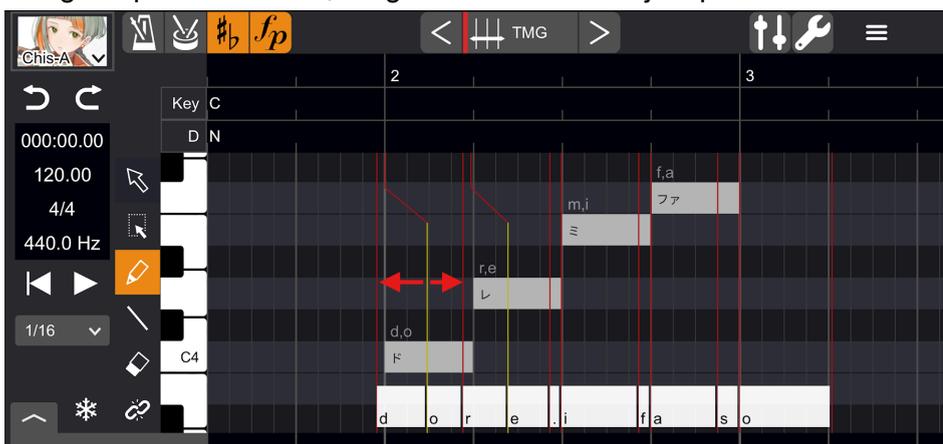
You can switch between adjustment screens by tapping tabs if the screen size is large, such as on an iPad, or by tapping < > or tapping the text area and then selecting it, if the screen size is small, such as on an iPhone.

You can also toggle the display of each parameter on/off.



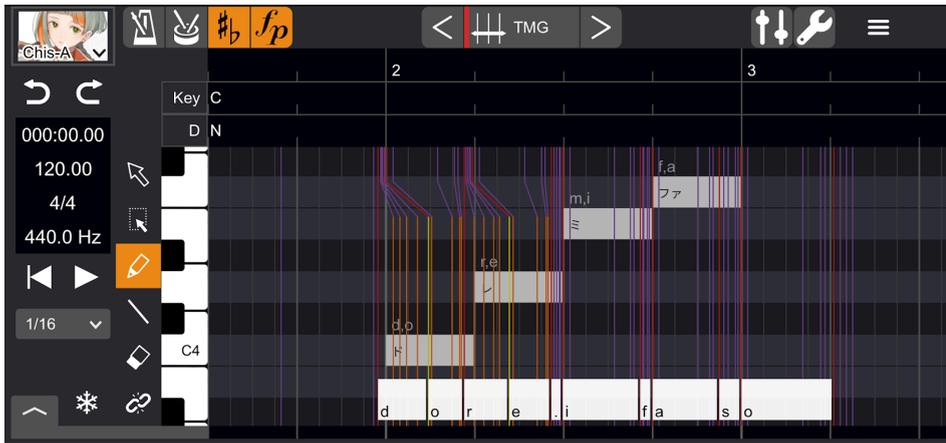
## TMG (Timing)

Using the pen or line tool, drag vertical lines to adjust phoneme start/end timing.

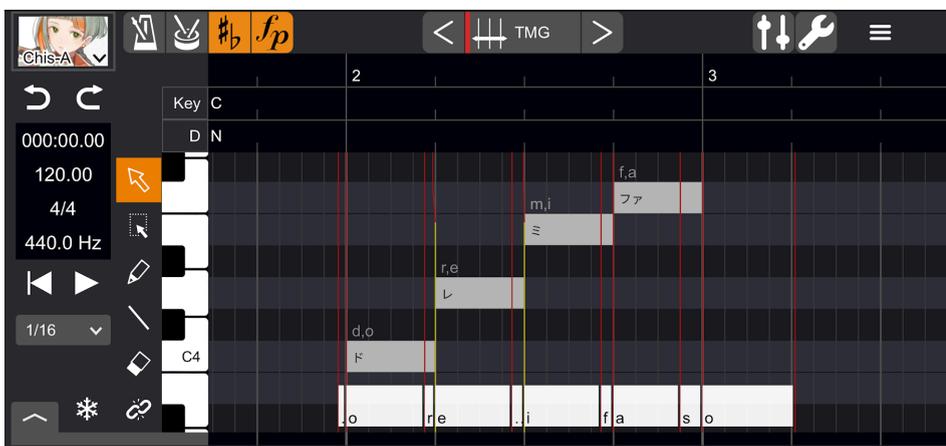
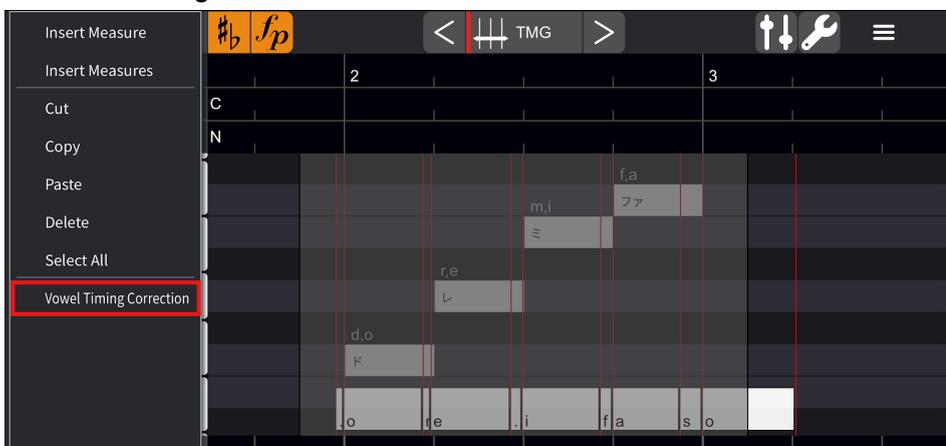


To adjust in more precise units, go to "[Preferences](#)" > "Editor" tab and check "Timing Status Lines" checkbox.

\*Adjusting timing in more finely than the phoneme level may not always produce noticeable results.

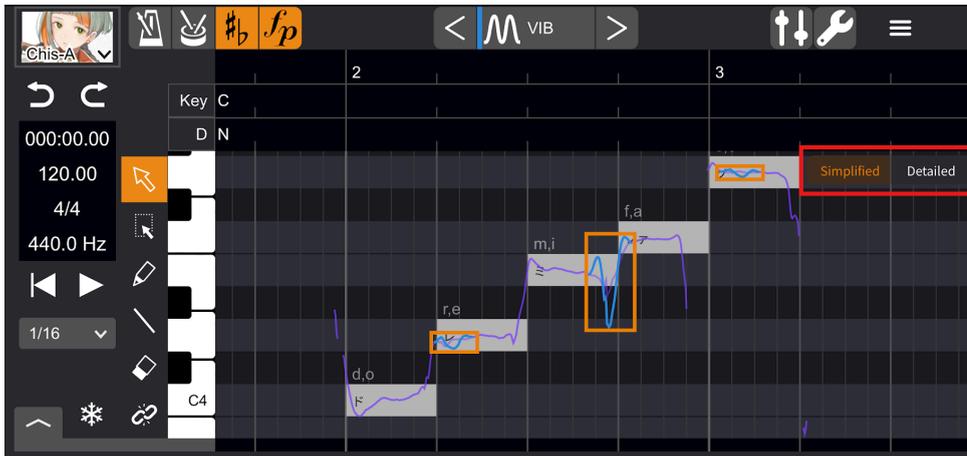


You can correct the timing so that the vowel is at the beginning of the note by specifying a range with the selection tool, then pressing and holding the tool and selecting "Vowel timing correction" from the menu. \*"Vowel timing correction" is only displayed in the menu when a range is selected and long-pressed in the TMG editing screen.



## VIB (Vibrato)

Two modes are available: "Simplified" and "Detailed." Switch modes with the buttons at the top right of the piano roll screen.



Two modes are available: "Simplified" and "Detailed." Switch modes with the buttons at the top right of the piano roll screen.

A new frame is created by drawing a line with the Pen or Line tools.

Dragging horizontally within the frame changes the vibrato cycle.

Dragging the frame left or right changes the start/end position, and dragging it up or down changes the amplitude.



In the Detailed mode, you can adjust AMP (amplitude, measured in cents, 100 cent = one semitone) at the top of the screen and FRQ (frequency, measured in Hz) at the bottom.

Adjusting the parameters is the same as for [Other Parameter Adjustments](#).

If you enter or delete a parameter in either the upper or lower area, it will also be reflected in the other area.



## Other Parameter Adjustments

Parameters can be adjusted by drawing lines in VOL (volume), PIT (pitch), ALP (voice quality) and HUS (huskiness).

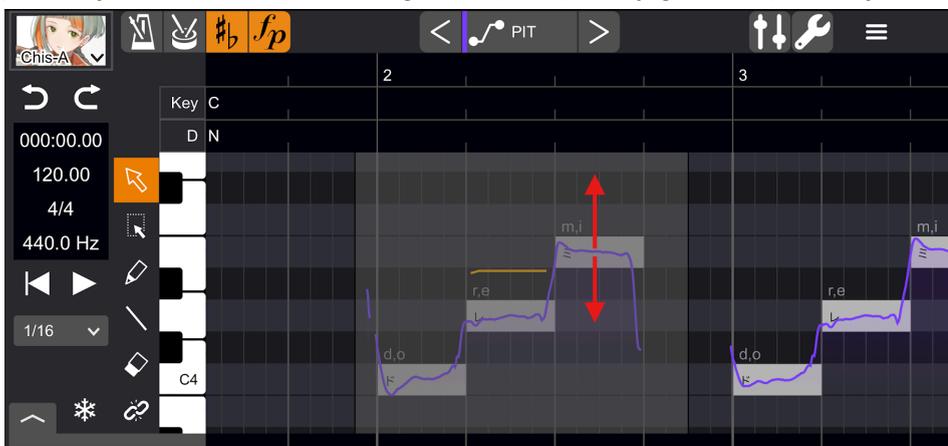
Use the Pen tool for flexible adjustment and the Line tool for straight-line adjustment. After adjustment, parameters are displayed as orange lines.



You can duplicate an adjusted parameter by selecting a range, copying it, positioning it with the position cursor and pasting it.



After selecting a range, lightly touch the parameter line and drag up or down to duplicate both pre- and post-adjustment parameters together (with priority given to post-adjustment parameters).





## Import / Export

### Import

Choose "Import" from the menu bar.

Save the file you want to import in "On this iPhone (iPad)" > "VoiSona" > "Import."

*\*If saved elsewhere, some file types may not be imported.*

The following file types are supported:

- tssprj: Project file in the "VoiSona" original format
- CCS/CCST: Project file for "CeVIO Creative Studio" / "CeVIO AI"
- Music XML: Music XML format score
- MIDI: MIDI file



### Export

*\*Currently not supported in plugin mode.*

Choose "Export" from the menu bar.

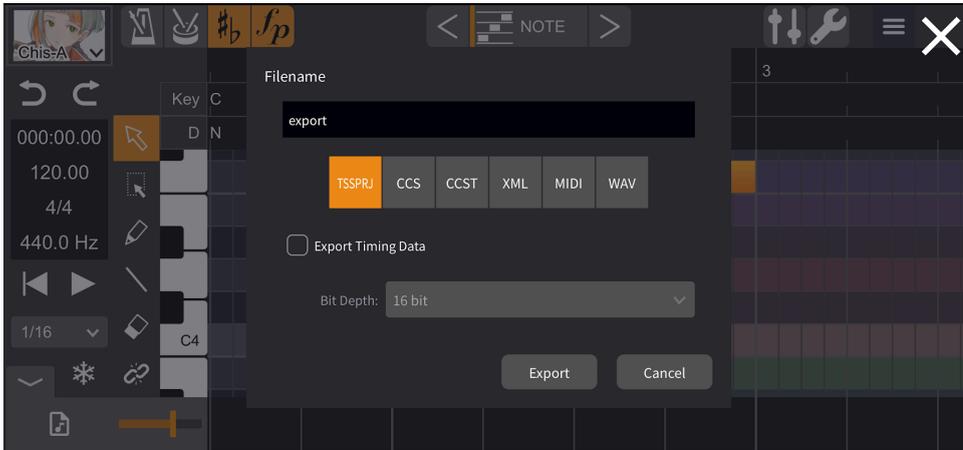
The exported file will be saved in "On this iPhone (iPad)" > "VoiSona" > "Export".

The following file types are supported.

- tssprj: Project files in the "VoiSona" original format
- CCS: Project file for "CeVIO Creative Studio" / "CeVIO AI"
- CCST: Project file for "CeVIO Creative Studio" / "CeVIO AI"
- Music XML: Music XML format score (adjustment parameters, etc. are not output)
- MIDI: MIDI file

•WAV: Synthesised voice waveform

In addition, if the "Export timing data" check box is checked, a lab file will be exported.



## Loading Audio Files

When running standalone, you can load audio files into the VoiSona Song Editor. This feature allows you to add accompaniment to the song track even in standalone mode.

Display the audio track and tap the button on the lower-left to select an audio file such as WAV or MP3. The slider allows you to adjust the volume.

Once loaded, the waveform will be displayed at the bottom of the screen. Select the waveform and drag & drop it left or right to change the position of the audio file.



## Other Useful Features

### Freeze Track

Normally, vocal synthesis is processed in real-time during playback. On some devices, this may be too CPU-intensive, causing choppy playback.

In such cases, use the freeze feature to pre-render the synthesized waveform, reducing load during playback.

Tap the "Freeze" button to start the synthesis process.

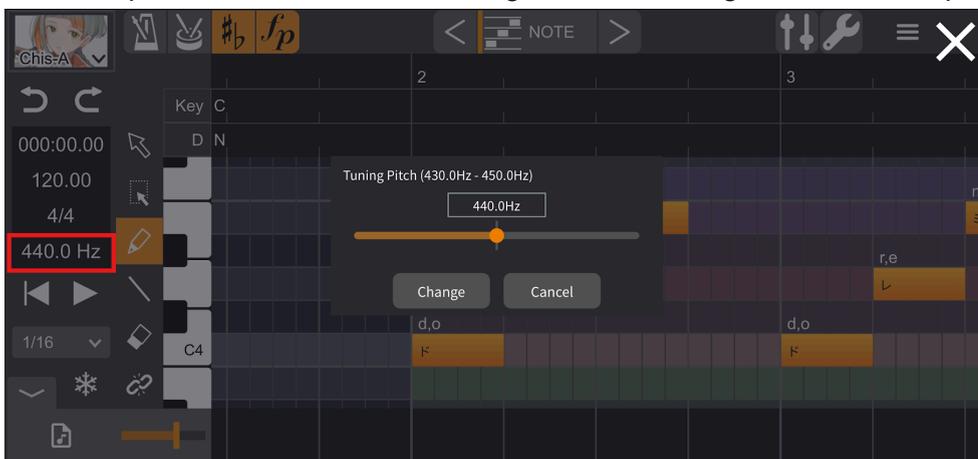
Depending on your device's performance, this may take some time.

Once completed, the "Freeze" button turns orange, indicating that the track is frozen.



### Changing the Reference Pitch

Double-tap on the left side of the editing screen to change the reference pitch for the entire song.



### Changing the Quantisation

Tap on the left side of the editing screen to change the quantisation settings for notes.



## Batch Lyric Entry

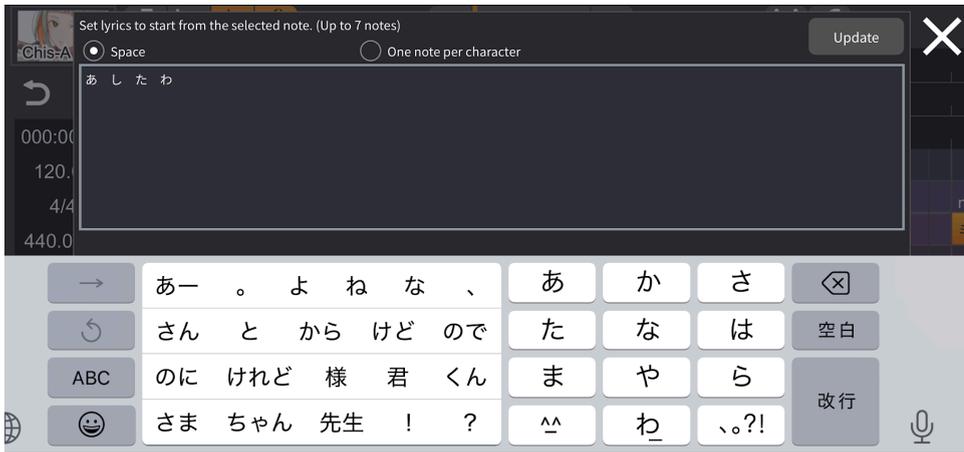
Long-press a note and select "Batch lyric entry" from the displayed menu to open the "Batch lyric entry" window.



You can enter lyrics for multiple notes all at once.

If "Space" is selected, each space-delimited set of characters is assigned to one note.

If "One note per character" is selected, one character (or for English voice libraries, one syllable) is assigned to each note.



English lyrics can also be entered.

To split one word across multiple notes, prepend a hyphen to the subsequent note's lyric.



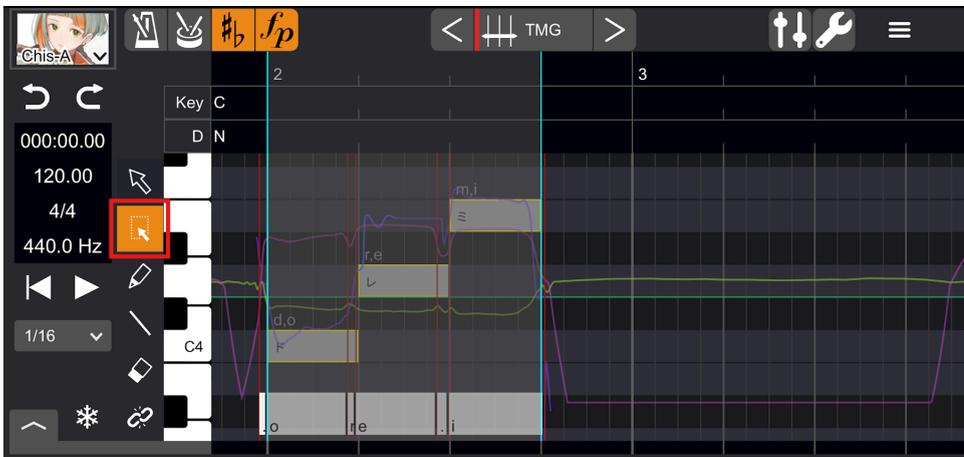
## Splitting and Merging Notes

By using the split/merge tool and tapping a note, you can split or merge notes.



## Bulk Selection

By dragging and specifying an area with the Bulk Selection tool, you can collectively manipulate notes, timing and other parameters.



## Editing Measures

Specify the playback position, then long-press and select "Measure" → "Insert 1 measure" / "Insert multiple measures" from the menu that appears, to insert any number of measures based on the current playback position.



## Other Properties

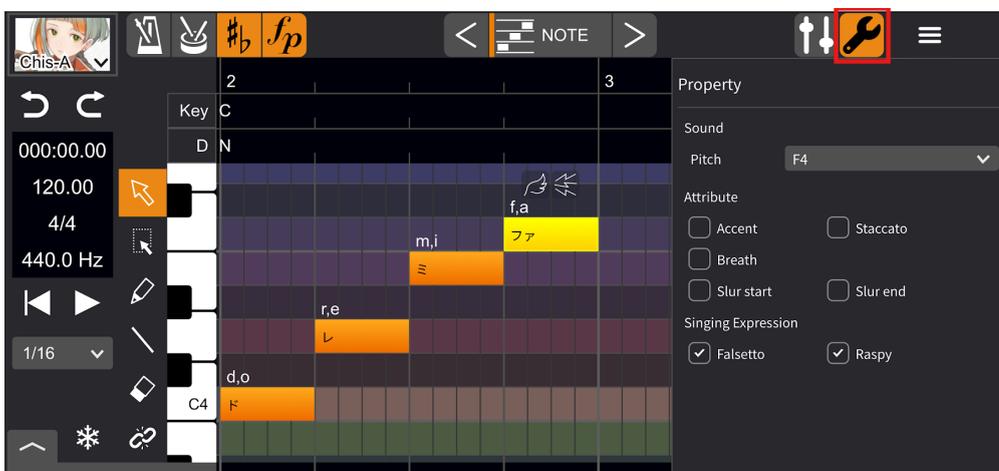
Tap the “Property” button to open the “Property” panel.

You can set various properties related to the selected note, tempo, beat, key signature, and dynamic symbols.

Setting a slur is especially effective if you want to have multiple notes sung smoothly.

You can also specify singing expressions, which reproduce unique singing expressions of each voice provider.

When specified, an icon is displayed above the note.



\*Depending on the voice library or score, the effects of accent, staccato, slur, and singing expressions may not be clearly noticeable.

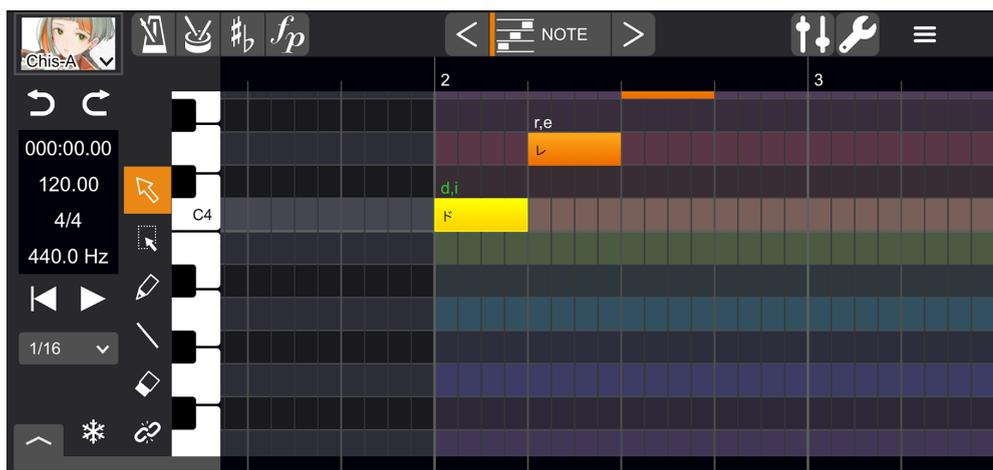
## Special Symbols

By placing a full-width ' (apostrophe) after Japanese lyrics, you can drop vowels.



## Editing Phonemes

Double-tap on the phoneme with the selection tool to edit the phoneme sequence directly. Edited phoneme sequences are shown in green.



## Preferences

Select "Preferences" from the menu bar to configure language settings, various editor-wide settings, etc.



## Q&A

Q. How many devices can be activated?

It is combined with the PC version and is limited to three devices (maximum of two devices with Windows/macOS and two devices with iOS/iPadOS).

If you want to change the activated device, please deactivate it from your [account page](#) on the website before using it.

Q. I want to cancel my account registration.

Please contact us through the [CONTACT](#) page.