

deCoda quick reference

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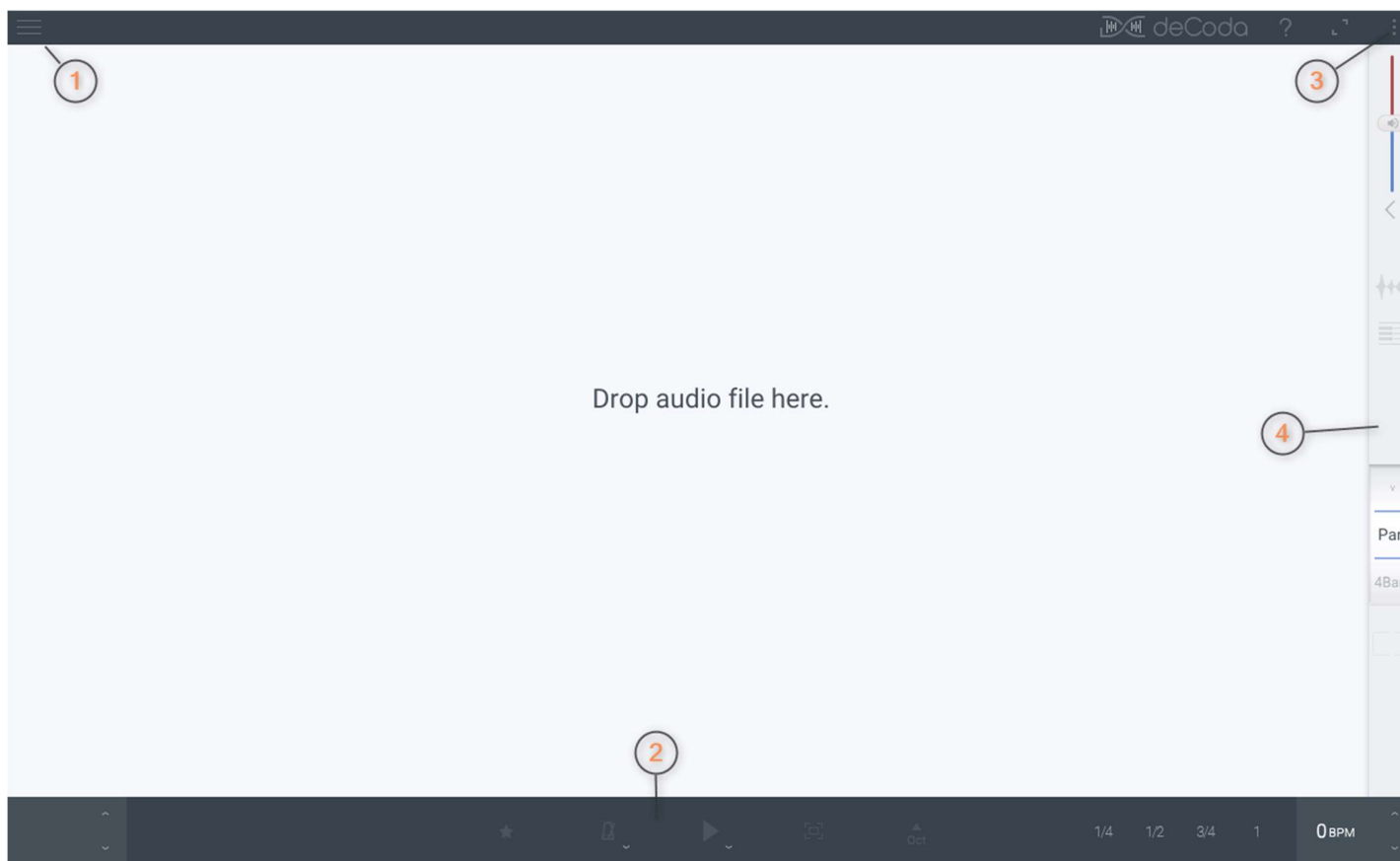
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## Opening screen

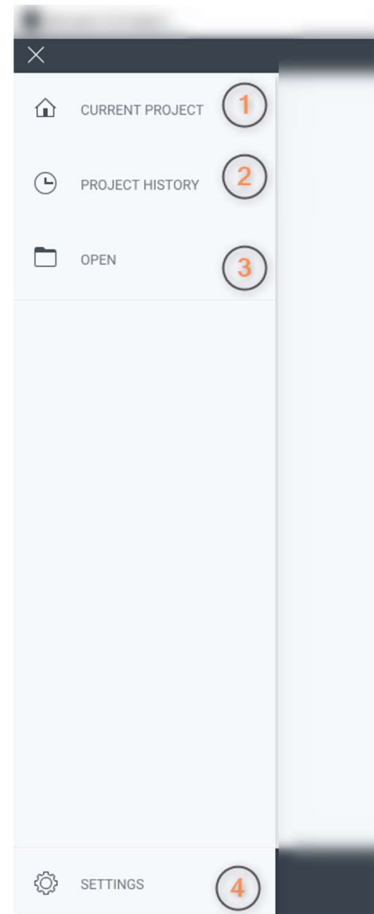
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1. Burger menu: Switch between program pages
2. Play bar: control playback
3. Export menu
4. Side bar: Mixer, loop view mode switching, song navigation parameters

# Burgermenu

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1. Go to current project
2. Library of all past projects
3. Open a new audio file or exported project
4. Settings page

## Main Page



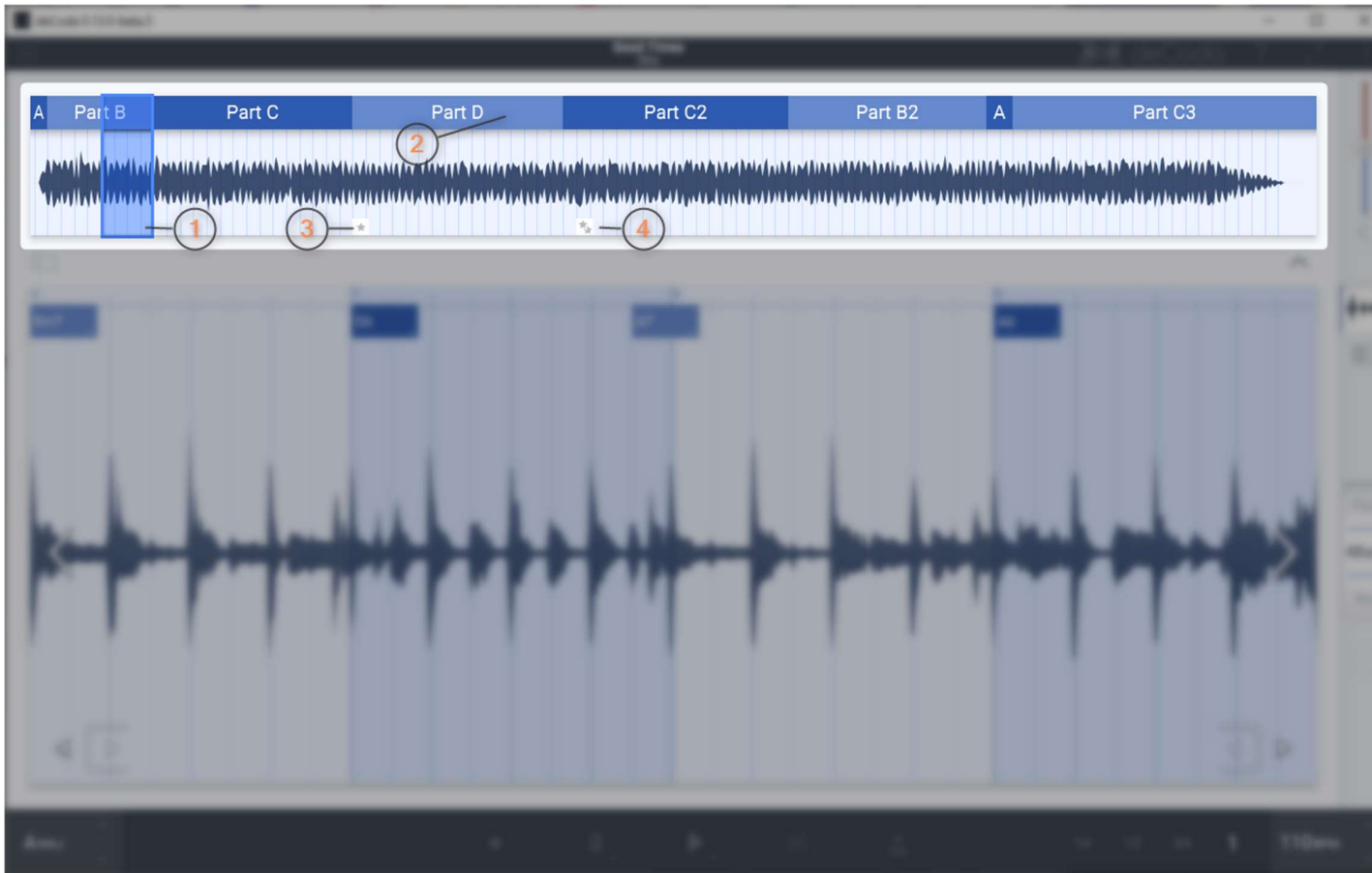
1. Overview bar: Click/tap to navigate within the song. Navigation is aligned to the step size chosen in the step size dial in the left side bar. The initially calculated parts are supposed to help navigating but not necessarily represent the true song structure. Parts can be edited and renamed in the project side bar.

2. Loop view with waveform: The loop view shows the part currently being working on and is being looped by default. Usually one will start with 1 or 4 bars and extend from there.

3. Expand the overview for a more detailed overview

4. Open/close project side bar

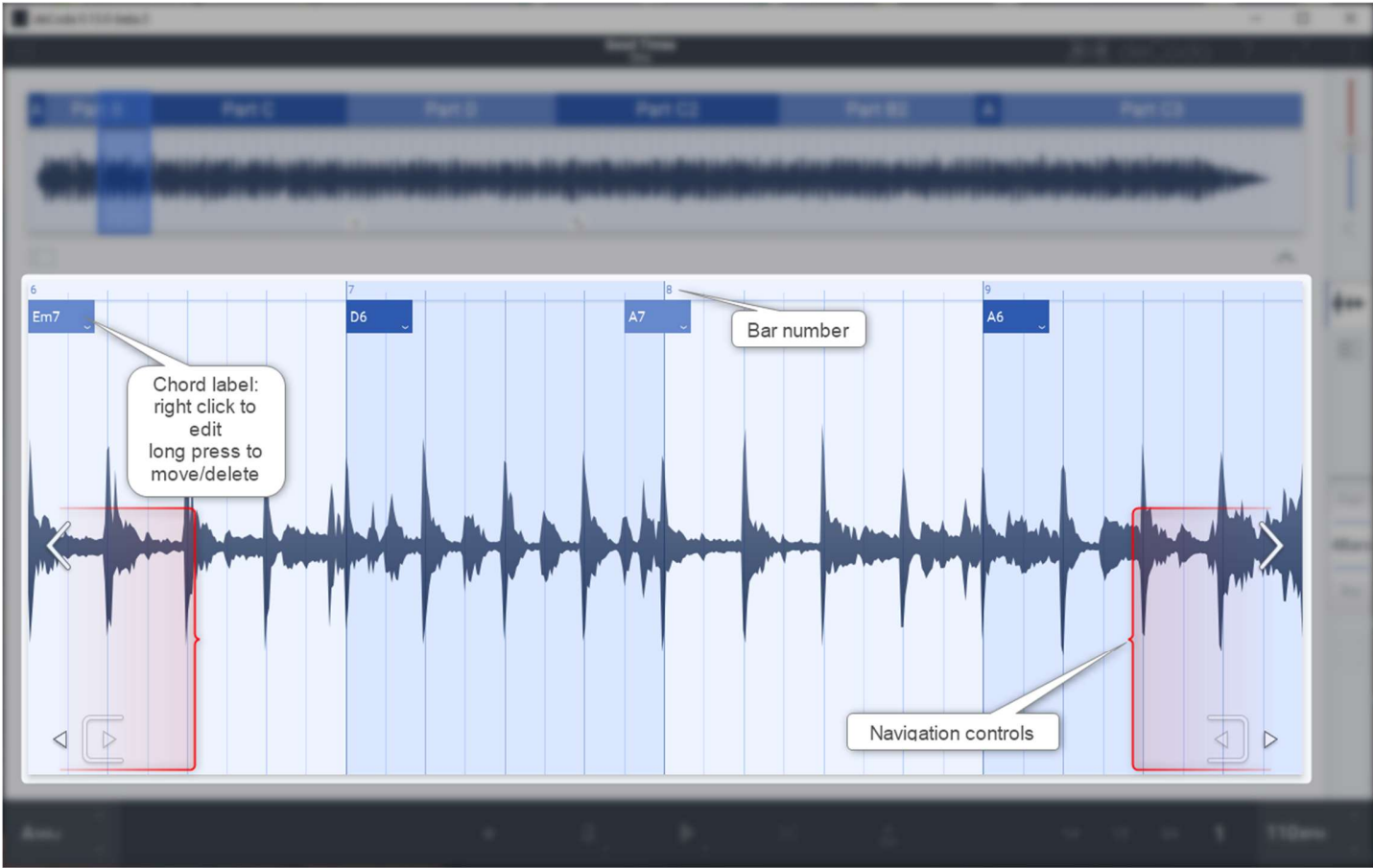
## Overview bar



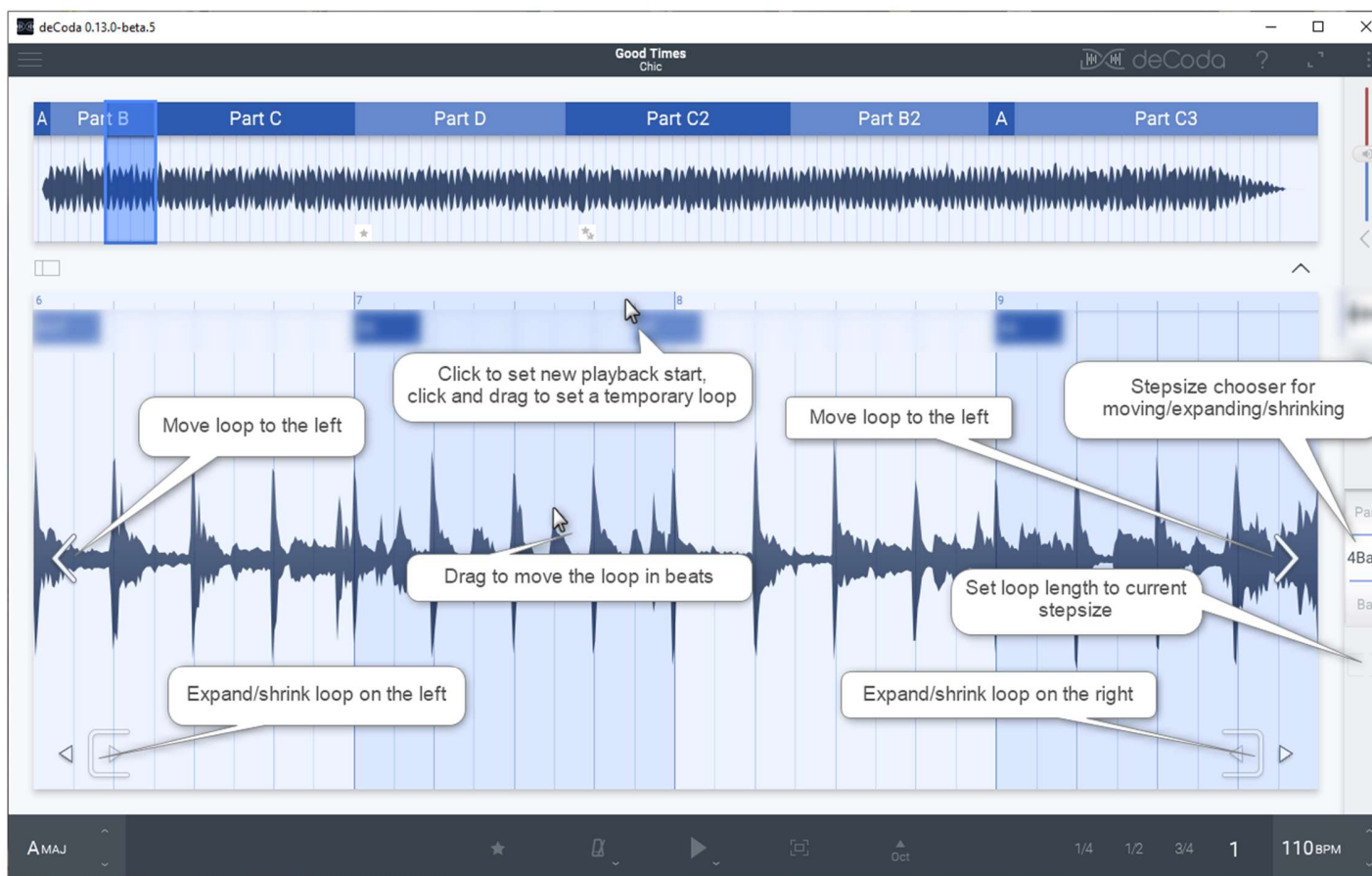
1. Shows the current loop shown in loop view. Click inside to move the play cursor while playing. Click outside or drag to move the loop.
2. Automatically detected song parts. Can be edited and renamed in the project side bar.
3. Bookmark indicator. Click to recall bookmark
4. Multiple bookmark indicator. Click to recall bookmark and click multiple times to toggle through all bookmarks.



# Loopview with waveform



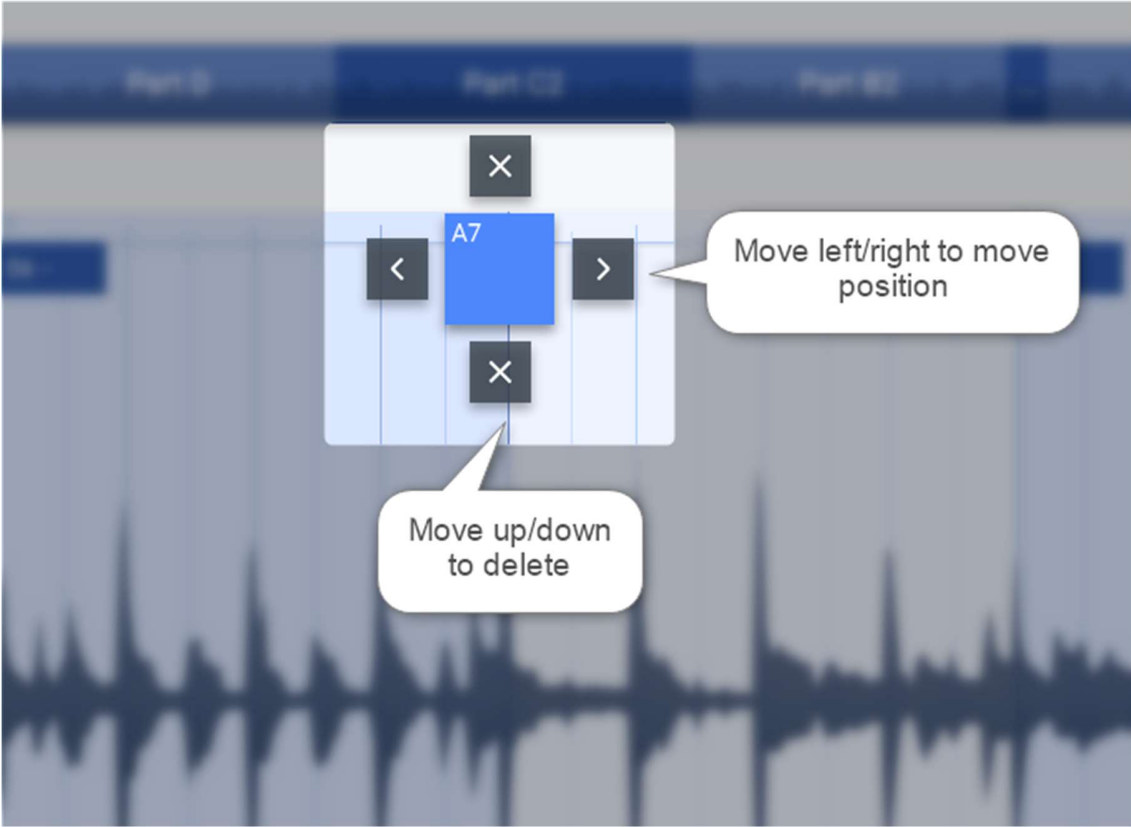
## Loopview navigation



You can also use the keyboard for fast navigation. By default use the left right keys to move left and right. The up/down keys to change the stepsize and synchronize the loop length at the same time. Use CTRL and up/down keys to only change the stepsize. The short cuts can be changed in the settings.

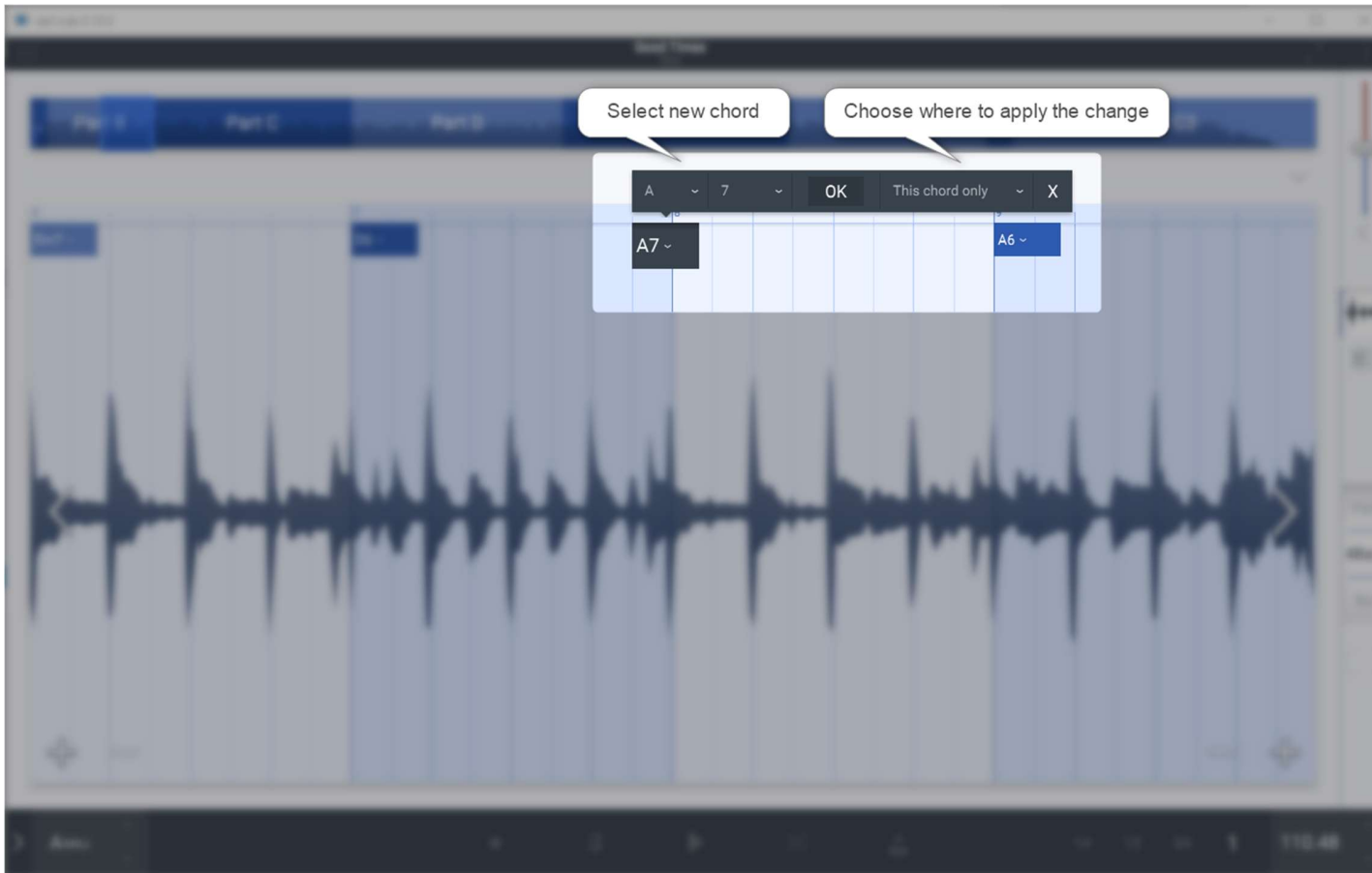
On touch screens swipe left right with one finger to move

Loopview: move chords



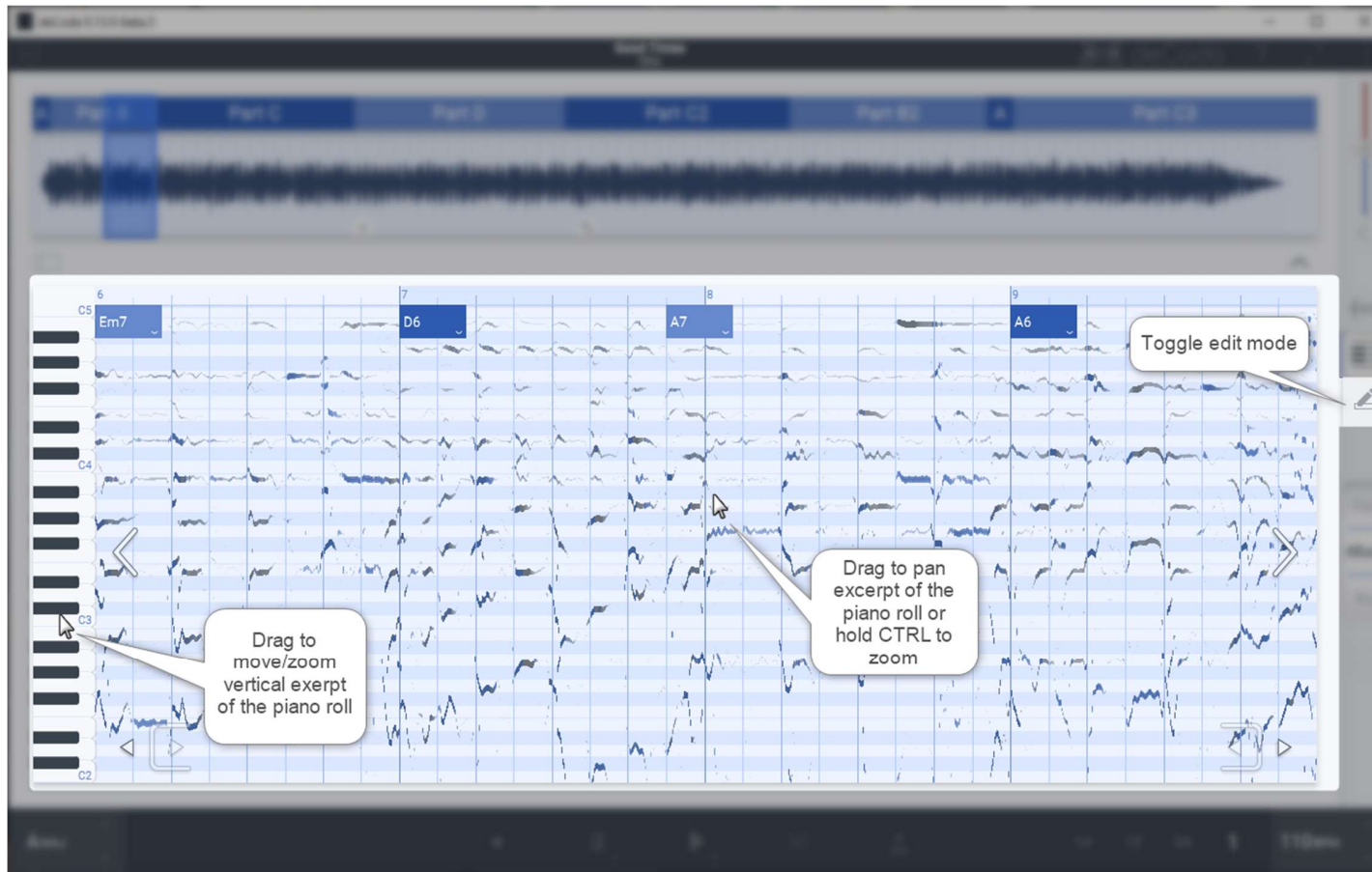
## Loopview: edit chords

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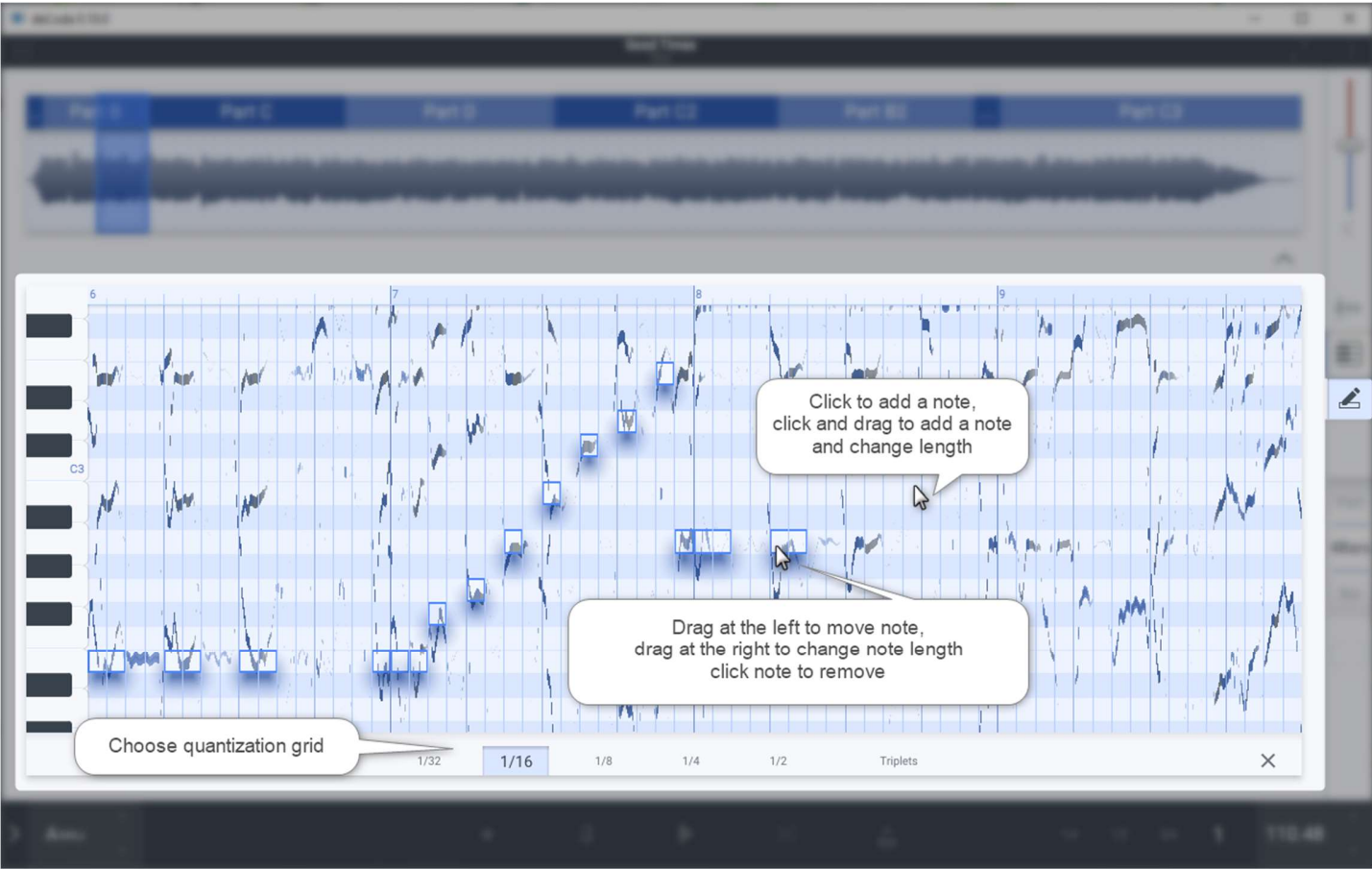
Right click or long press (touch)

## Loopview with pianoroll



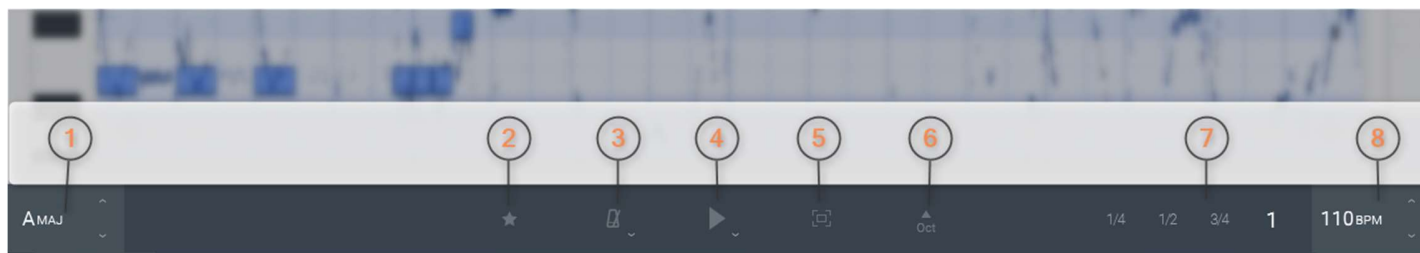
Loopview navigation applies here, too

# Loopview with pianoroll edit



## Playbar

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1. Playback key (change root to pitch shift).
2. Bookmark current loop (see sidebar)
3. Toggle metronome (right click/long press for options)
4. Play button (right click/long press for options)
5. Focus view (3 way toggle: off, on, inverse)
6. Pitch shift one octave up
7. Playback tempo shortcuts (play at 1/4, 1/2, 3/4 and full tempo)
8. Playback tempo

## Metronome submenu

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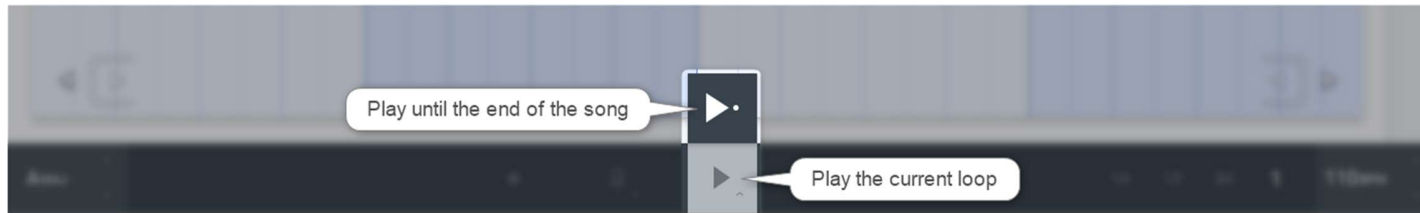
(right click or long press the metronome symbol)

Note: the count-in will always respect the loop start position. So if the loops doesn't start on the 1 beat of a bar the count-in will start on the downbeat before and stop at the loop start.



## Play submenu

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(right click or long press the play button)

Note: Space will activate the current playmode, Shift-Space will activate the alternate play mode

# Focus view

The image shows a screenshot of a music production software interface. On the left, there is a piano roll with a blue waveform. On the right, a focus view window is open, displaying a spectrogram. The spectrogram has a dark background with blue highlights representing frequency content. The x-axis is labeled 'L', 'C', and 'R' for left, center, and right channels. The y-axis is labeled with frequency values: '100', '1k', and '5k'. A white rectangular box is drawn around a specific area of the spectrogram. A smaller, zoomed-in version of this box is shown in the bottom right corner. Several callout boxes with arrows point to specific elements in the interface.

Click here to collapse the view but keep it active

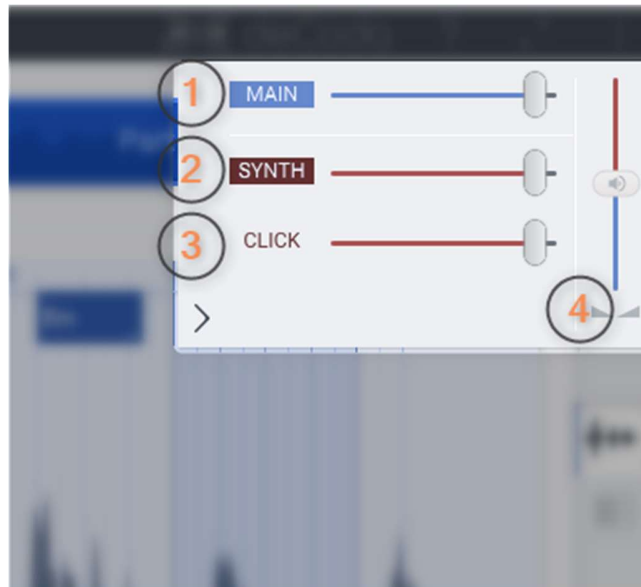
x-axis is left/right panning  
y-axis is frequency  
Try to locate the instrument you want to focus on and draw a rectangle around it.

In inverse mode you will hear everything outside the rectangle (e.g. for rehearsing)

Focus view button will toggle: off, on, inverse

# Mixer

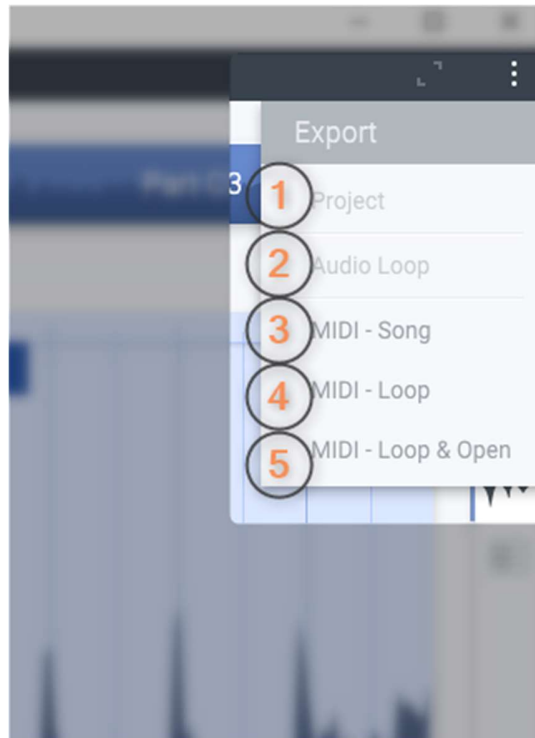
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1. Volume of the loaded song
2. Playback volume of the internal midi synth playing the notes in pianoroll
3. Volume of the metronome click
4. Balance fader between the song audio (blue) and the other audio sources (red)

## Export Menu

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1. Export project for re-use in other decoda instance
2. Export the active audio loop at the current tempo (for rehearsal on a playback device)
3. Export all the midi for the whole song (works only if notes have been drawn in piano roll)
4. Export the midi of the active loop (works only if notes have been drawn in piano roll in current loop)
5. Export midi of the active loop and open in a preset program (see above)

# Project Sidebar

The image shows a screenshot of a music software interface with a sidebar on the left. The sidebar contains information about the current project, including album cover, title, key signature, time signature, and tempo. It also has a 'SHOW CHORDS' toggle and two tabs: 'BOOKMARKS' and 'PARTS'. The 'BOOKMARKS' tab is active, showing a list of loop bookmarks. The 'PARTS' tab is also visible, showing a list of parts. A 'Create new Part' button is at the bottom of the sidebar. The main area of the software shows a piano roll with a blue arrow indicating a loop and a waveform below it.

Click to hide the project side bar

Info about album cover, title & musical analysis results

Toggle display of chords

Choose to edit bookmarks or parts

List of loop bookmarks: click item once to select click once more to edit name

List of parts: click item once to select click once more to edit name

Click to edit musical analysis results

Add a new part by setting the loop view to the boundaries of the new part and then click that button. All other parts will be adjusted accordingly.

Good Times  
Chic

A MAJ 4/4 110BPM

SHOW CHORDS ON

BOOKMARKS PARTS

- ★ Bars 25 to 28
- ★ Bars 42 to 45
- ★ Bars 42 to 49

BOOKMARKS PARTS

- A
- B
- C
- D
- C2
- B2
- A2
- C3

Create new Part

Edit Key & Time

## Project Sidebar: Edit Key & Time

The image shows a software interface for editing music projects. On the left is a sidebar titled "Edit Key & Time" for a project named "Good Times" by Chic. The sidebar contains the following controls:

- Key:** A dropdown menu set to "A" with "MAJ" (Major) selected.
- Time:** A dropdown menu set to "4" with another "4" selected, representing a 4/4 time signature.
- Downbeat:** A control with left and right arrow buttons and the text "Beat" in the center.
- Tempo:** A display showing "110.48 BPM".
- Edit Beat Grid:** A button to adjust the beat grid.
- Reset Key & Time:** A button to reset settings to original analysis.
- Edit Key & Time:** A button at the bottom of the sidebar.

On the right, a waveform visualization shows the audio signal with a blue beat grid overlaid. Callout boxes provide the following descriptions:

- Callout for Key and Time: "Change detected key and time signature"
- Callout for Downbeat: "Shift the detected downbeat"
- Callout for Edit Beat Grid: "Change tempo and beat location"
- Callout for Reset Key & Time: "Reset key, tempo and beat to the original analysis result"

## Project Sidebar: Edit Beat Grid

deCoda 0.12.0

Good Times  
Chic

Part B Part C Part D Part B2 ... Part C3

Confirm the current bar selection

Cancel the current bar selection

Press play to hear the bar looped.

Click and drag from downbeat to end of the bar to define the beat and tempo (drag from left to right)

Use play and the metronome to check if the bar is correct

Click to turn beat grid edit off

Edit Beat Grid

Reset Key & Time

Edit Key & Time

A MAJ

1/4 1/2 3/4 1 110.48

If the tempo and/or beat location is wrong Edit Beat Grid allows the correction of both at the same time. You need to select an excerpt in loopview before that contains at least one full bar in the new tempo. In Edit Beat Grid you can draw a new bar and as soon as that new is confirmed the whole song is re-analyzed based on the new bar position and length. The detected song structure might change and if the chords haven't been changed yet these will be reanalyzed. If the chords have been modified before all chords will be requantized to the nearest new beat position.





# Recent Projects Library

deCoda 0.12.0

Search in past projects

Options for selected song

RECENT

Past project songs sorted by time  
click once to select  
double click to open

Click here to hide section

LAST WEEK

Preview selected song

Ueberschall-70s Funk Rock-Telecaster 120BPM\_a

Ueberschall-70s Funk Rock-Slap Attack 120BPM\_a

Ueberschall-Acoustic Lounge-Anchor- 70BPM\_g

Ueberschall-Blues Colors-Syncoped 80BPM\_G

Ueberschall-Retro Action Score 107BPM\_D

Charlie Puth - Attention Official Video

Ueberschall-Twang-Baritone-Thang 78BPM\_A#

Ueberschall-Rare Grooves\_Vol1\_Sundown 85BPM\_b

Ueberschall-Late Night Session-Brainstrom\_126BPM\_e

Tired Of Tryin  
Bernard Allison

Come On Come Over  
Jaco Pastorius

# Shortcuts 1

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APPLICATION	
QUIT	<input type="text" value="CTRL + Q"/> <input type="button" value="Add"/>
OPEN FILE	<input type="text" value="CTRL + O"/> <input type="button" value="Add"/>
MAIN VIEW	<input type="text" value="CTRL + T"/> <input type="button" value="Add"/>
PROJECT HISTORY	<input type="button" value="Add"/>

## Shortcuts 2

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### EXPORT

EXPORT PROJECT

Add

EXPORT AUDIO LOOP

Add

EXPORT SONG TO MIDI

Add

EXPORT LOOP TO MIDI

Add

EXPORT LOOP TO MIDI & OPEN

Add

# Shortcuts 3

NAVIGATION		
TOGGLE BOOKMARK	CTRL + D	Add
APPLY STEP SIZE TO LOOP LENGTH	#	' Add
INCREASE ZOOM STEP SIZE	SHIFT + CURSOR UP	SHIFT + W Add
INCREASE AND APPLY ZOOM STEP SIZE	CURSOR UP	W Add
DECREASE ZOOM STEP SIZE	SHIFT + CURSOR DOWN	SHIFT + S Add
DECREASE AND APPLY ZOOM STEP SIZE	CURSOR DOWN	S Add
REDUCE LOOP LENGTH LEFT	SHIFT + E	M Add
REDUCE LOOP LENGTH RIGHT	Q	, Add
EXPAND LOOP LENGTH LEFT	SHIFT + Q	N Add
EXPAND LOOP LENGTH RIGHT	E	. Add
SCROLL LEFT	CURSOR LEFT	A Add
SCROLL RIGHT	CURSOR RIGHT	D Add

# Shortcuts 4

PLAYBACK	
PLAY/PAUSE	SPACEBAR <input type="button" value="Add"/>
PLAY USING ALTERNATE MODE	SHIFT + SPACEBAR <input type="button" value="Add"/>
TOGGLE METRONOME	C <input type="button" value="Add"/>
INCREASE TEMPO BY 1 BPM	<input type="button" value="Add"/>
INCREASE TEMPO BY 5 BPM	L <input type="button" value="+"/> <input type="button" value="Add"/>
DECREASE TEMPO BY 1 BPM	<input type="button" value="Add"/>
DECREASE TEMPO BY 5 BPM	K <input type="button" value="-"/> <input type="button" value="Add"/>
TRANSPOSE UP	SHIFT + L <input type="button" value="SHIFT ++"/> <input type="button" value="Add"/>
TRANSPOSE DOWN	SHIFT + K <input type="button" value="SHIFT +-"/> <input type="button" value="Add"/>
RESET TRANSPOSITION	<input type="button" value="Add"/>
TOGGLE +1 OCTAVE	0 <input type="button" value="Add"/>
1/4 SPEED	1 <input type="button" value="Add"/>
1/2 SPEED	2 <input type="button" value="Add"/>
3/4 SPEED	3 <input type="button" value="Add"/>
ORIGINAL SPEED	4 <input type="button" value="Add"/>
TOGGLE FOCUS MODE	F <input type="button" value="Add"/>

# Shortcuts 5

VIEW		
SWITCH LOOP VIEW CONTENT	CTRL + TAB	Add
MAIN MENU	ALT + F	Add
TOGGLE PROJECT SIDEBAR	CTRL + B	Add
TOGGLE PROJECT SIDEBAR AND EDIT KEY & TIME	ALT + E	Add
TOGGLE FULLSCREEN	F11	Add
WAVEFORM VIEW	CTRL + 1	Add
PIANO ROLL VIEW	CTRL + 2	Add
TOGGLE NOTE EDIT MODE	P	Add

# Shortcuts 5

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VIEW		
SWITCH LOOP VIEW CONTENT	<input type="text" value="CTRL + TAB"/>	<input type="button" value="Add"/>
MAIN MENU	<input type="text" value="ALT + F"/>	<input type="button" value="Add"/>
TOGGLE PROJECT SIDEBAR	<input type="text" value="CTRL + B"/>	<input type="button" value="Add"/>
TOGGLE PROJECT SIDEBAR AND EDIT KEY & TIME	<input type="text" value="ALT + E"/>	<input type="button" value="Add"/>
TOGGLE FULLSCREEN	<input type="text" value="F11"/>	<input type="button" value="Add"/>
WAVEFORM VIEW	<input type="text" value="CTRL + 1"/>	<input type="button" value="Add"/>
PIANO ROLL VIEW	<input type="text" value="CTRL + 2"/>	<input type="button" value="Add"/>
TOGGLE NOTE EDIT MODE	<input type="text" value="P"/>	<input type="button" value="Add"/>
DELETE SELECTED LIBRARY ITEM	<input type="text" value="Add"/>	