











KAWA CHORD 2

the Flare of Chords.

kawaChord2 version 2.10a Additional Manual

kawaChord2											
      											
BmAdd9 K A W A  											
Key : C	Vel: 100	C	$\Delta 7$	+	C	Add9	+	C	Add13	+	
0	Normal	D	m7	+	D	mAdd9	+	D	mAdd13	+	
	Normal	E	m7	+	E	mAdd9	+	E	mAdd13	+	
C	Maj	+	F	$\Delta 7$	+	F	Add9	+	F	Add13	+
D	min	+	G	7	+	G	Add9	+	G	Add13	+
E	min	+	A	m7	+	A	mAdd9	+	A	mAdd13	+
F	Maj	+	B	m7	+	B	mAdd9	+	B	mAdd13	+
Tonic					SubDominant		Dominant				Leading tone
C	#4 C# M2	#2 D m3	D#	E	F	#3 F# P5	G	G#	A	A#	#1 B Root P1

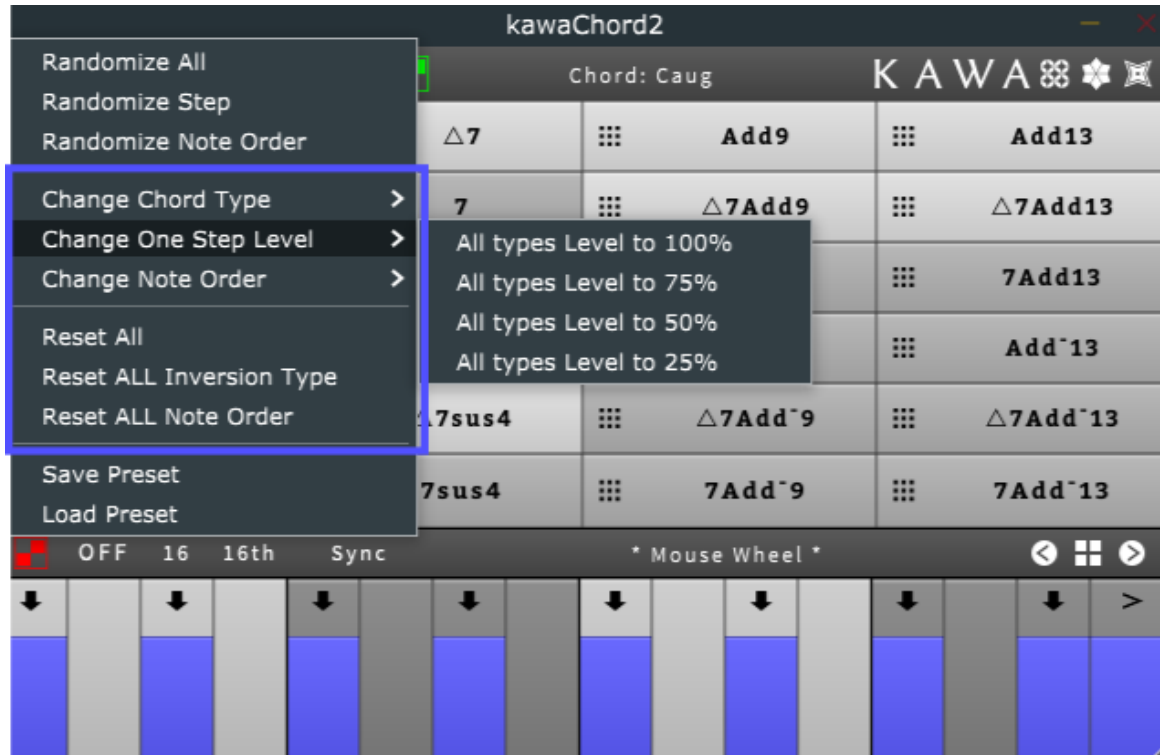
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1. Improved step Sequencer

kawaChord2 Version 2.10 improved inner function behavior of step sequencer.

1.1 Added new functions to popup menus.



New actions

Change Note Order

This action will change all Note Order(Note Filter) setting.

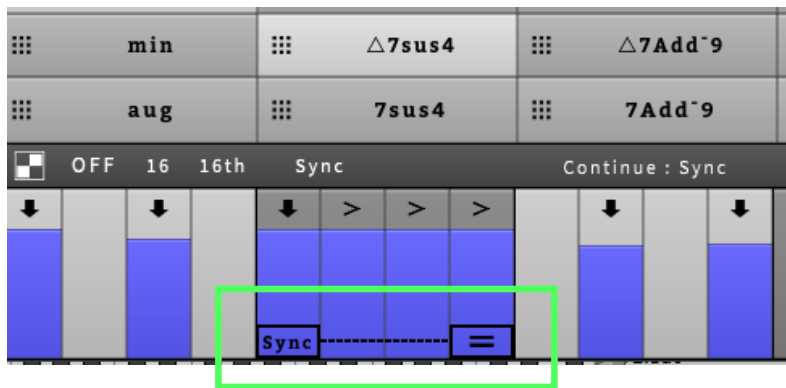
Reset All Inversion Type

This action will change all Inversion settings to "Sync" type.(this is same as reset action)

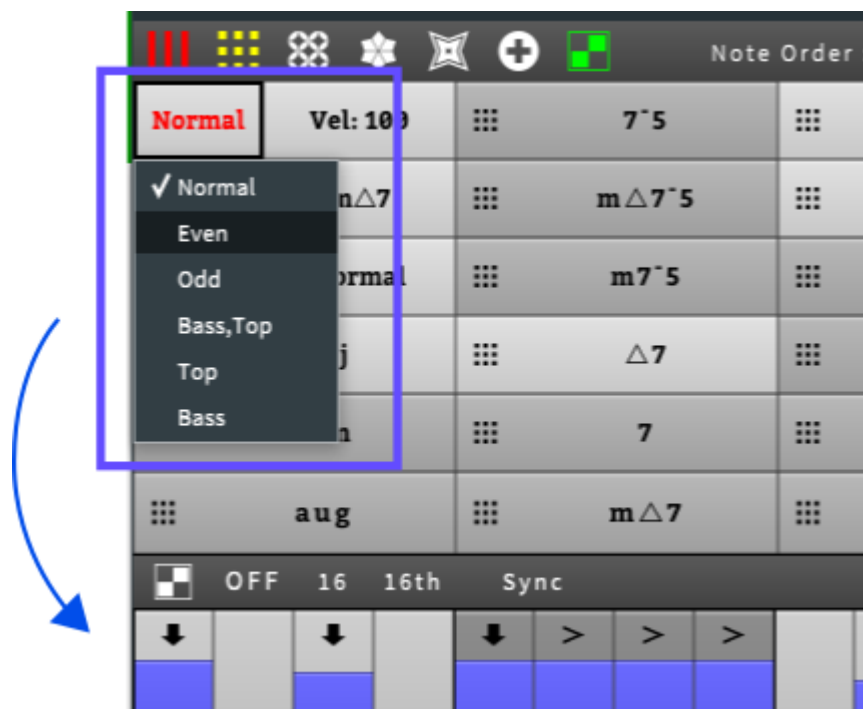
Reset All Note Order

This action will change all Note Order(Note Filter) settings to "Sync". (this is same as reset action)

Added Sync Type in Note Order (Note Filter) setting

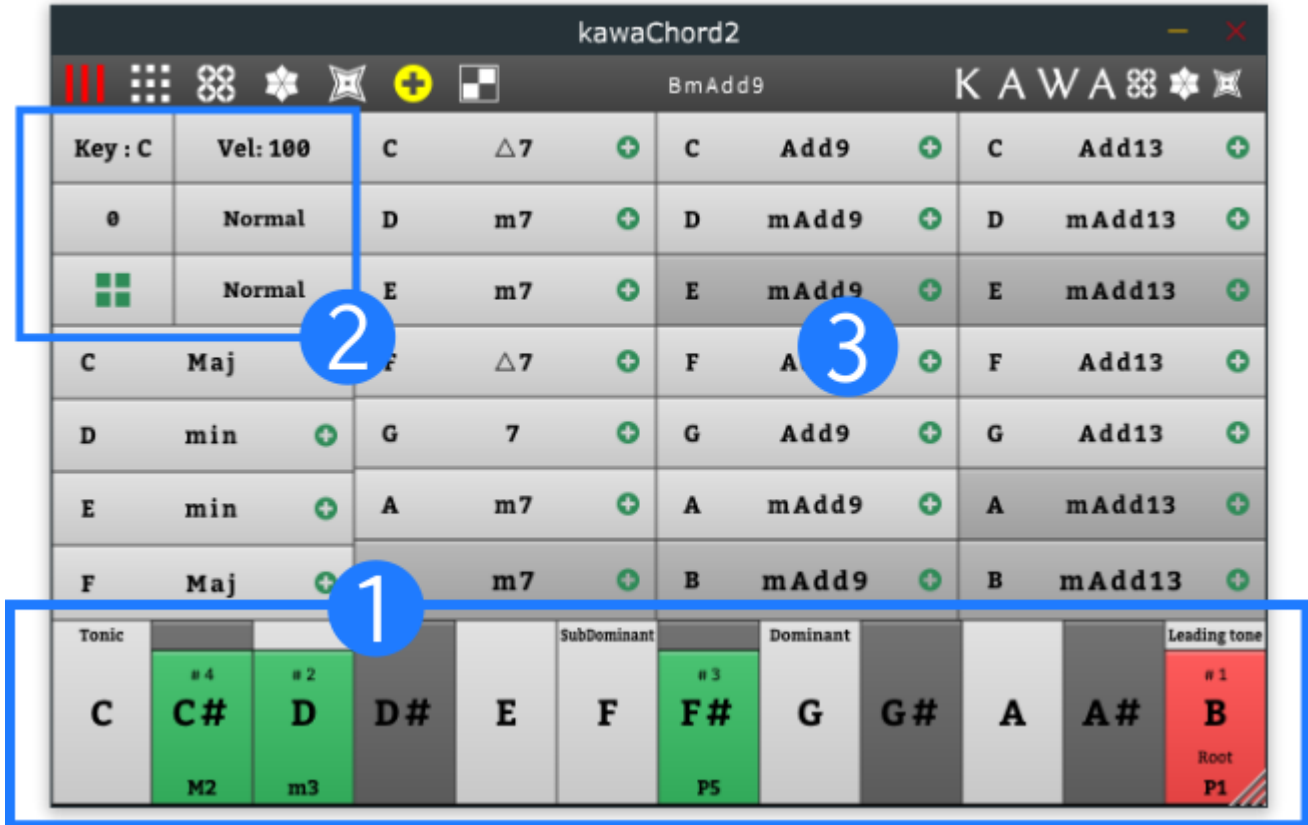


v2.10 added "Sync" type in One step data on Step Sequencer.
 "Sync" type settings will be sync from kawaChord2 main panel setting.



※ By in this change points, v2.10 has updated step sequencer preset version.
 V2.10 can reading previous version's preset files. If you could not reading previous version presets, please try to remove "StepSequencer_Preset/Default.SeqPreset" files in kawaChord2 working diectory.after that, when reloading kawaChord2 will created new version's preset files.

2. Added Advance Mode



kawaChord2 Version 2.10 added "Advance Mode" which has functions that are "check the chord progression", "temporary chord stock", "generate random Chords", "find chords from any scale".

1 :Pitch Name Area

This Area is to show chord tones of chord button on mouse. and This Area is able to set for music scales.

2 : Information Area

This Area is to show information of chord button on mouse. and change main key, show pop-up menus.

3: Chord Button Area

This buttons is contained each individual chord info. This button is able to send MIDI notes via mouse click, or show chord search editor panel via click to "+" marks.

2.1 Pitch Name Area

Tonic					SubDominant		Dominant			Leading tone
#3 C P5	C#	D	D#	E	#1 F Root P1	F#	G	G#	#2 A M3	A# B

This Area is to show chord tones of chord button on mouse. and This Area is able to set for music scales.

D	min	+	G	7	+	A	mAdd9	+	B	mAdd9	+
E	min	+	G	Add9	+	F	Add9	+	A	mAdd13	+
F	Maj	+	A	m7	+	C	Add13	+	B	mAdd13	+
Tonic					SubDominant		Dominant				Leading tone
C	C#	D	D#	E #1 Root P1	F	F#	G #2 m3	G#	A	A#	B #3 P5

↓
Mouse Click


C	Maj	+	F	△7	+	F	Add13	+	E	mAdd9	+
D	min	+	G	7	+	A	mAdd9	+	B	mAdd9	+
E	min	+	G	Add9	+	F	Add9	+	A	mAdd13	+
F	Maj	+	A	m7	+	C	Add13	+	B	mAdd13	+
Tonic					SubDominant		Dominant				Leading tone
C	C#	D	D#	E #1 Root P1	F	F#	G #2 m3	G#	A	A#	B #3 P5

when you clicked each Pitch Name button, you can set pitch name as music scale.

If each chord button's chord tones contain in the setted scale, that chord button will be highlighted.

2.2 Information Area

main Key & velocity button

Key : C	Vel: 100
0	Inversion 1
	Even

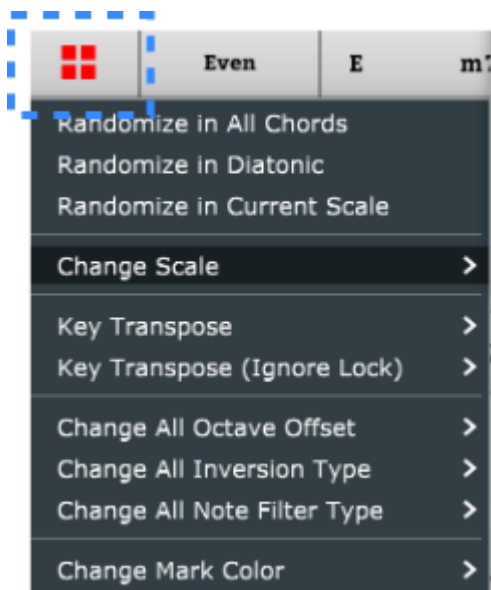
chord infos.

popup Menu button

This Area is to show information of chord button on mouse. and change main key, show pop-up menus.

2.3 Pop-up Menu of Advance Mode

When you clicked rectangle Mark on advance mode , kawaChord2 will show pop-up menu.

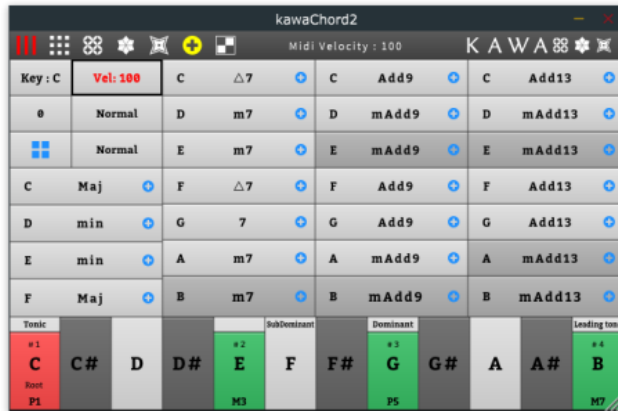


Action list Advance mode Pop-up Menu

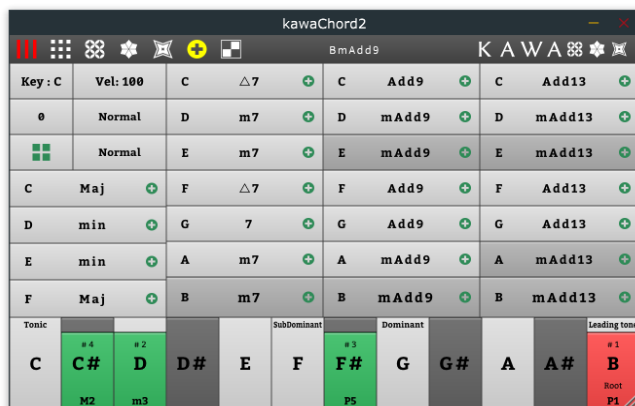
Randomize in All Chords	All chord buttons will be set to random as contain in all chords.
Randomize in Diatonic	All chord buttons will be set to random from diatonic chords.
Randomize in Current Scale	All chord buttons will be set to random from chords of contain in setted scale.
Change Scale	Change Pitch Name area's scale setting. You can change from the * Major, Minor * Mode scale * Pentatonic scale * Chromatic Scale settings.
Key Transpose	KawaChord2 will be execute transpose chord button's root pitch and main key. If chord button was locked, that button will be no changed.
Key Transpose (Ignore Lock)	KawaChord2 will be execute transpose chord button's root pitch and main key. In this action even If chord button was locked, that button will be execute transpose.
Change All Octave Offset	Change All chord button's octave offset setting.
Change All Inversion Type	Change All chord button's Inversion setting.
Change All Note Filter Type	Change All chord button's Note Order(Note Filter) setting.
Change Mark Color	Change Icon Color setting.

Kind of Icon mark color

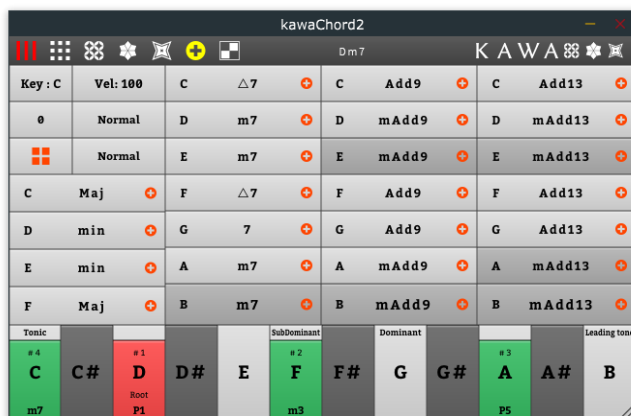
Dodger Blue color



Sea Green color

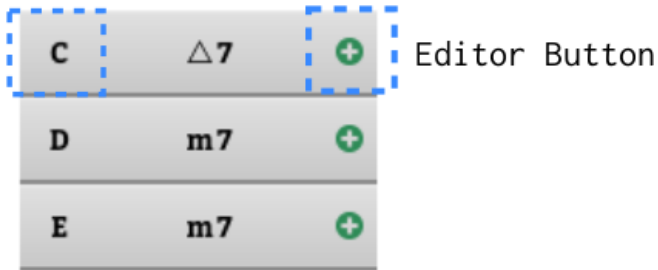


Orange Red color



2.4 Chord Button Area

Chord Root Button



Chord Root Button

This button shows chord root pitch and set chord root via mouse wheel.

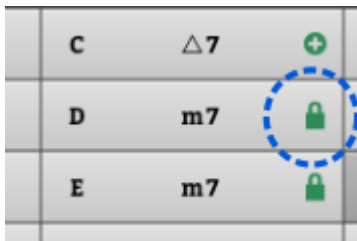
Chord Name Area

This button shows chord name and send MIDI notes via mouse clicks.

Editor Button

When you clicked in this button, kawaChord 2 will show Editor panel.(In v2.10 show "Chord Search" panel.)

About Chord Button Lock



When you clicked "+" of chord button via mouse right button. clicked button will be locked.

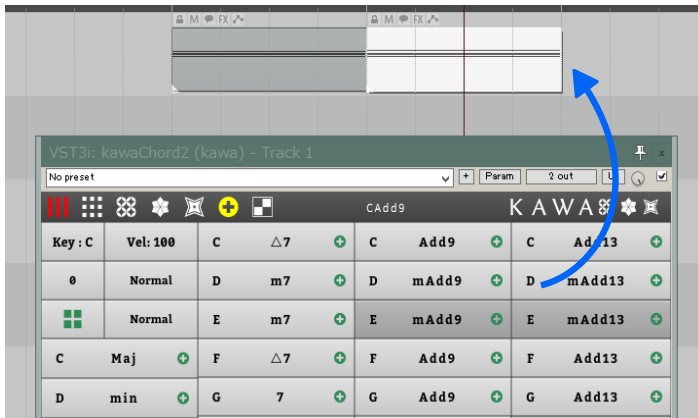
In this locked state, chord button will get No change from randomize or transpose actions in pop-up menu.(you can revert locked state via mouse right click again.)

Place Chord to Daw

you can put MIDI items on tracks by **drag and drop** each Chord Name Buttons while pressing the **ModifierKey 1**.

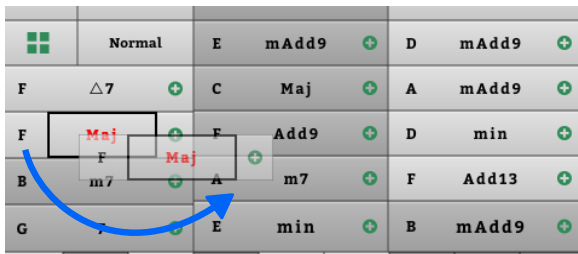
(about ModifierKey 1, Please see chapter 10 of "kawaChord2_manual_EN.pdf". this function has been confirmed with the following Host applications: Studio One, Reaper, Logic and Bitwig Studio.)

Place Chord To Daw by "modifier key 1 + drag and drop".



Re-place Chord Button

In advanced mode, you can replace chord button via **drag and drop** by **right mouse button**. This is useful for want to sorting by chord progression.

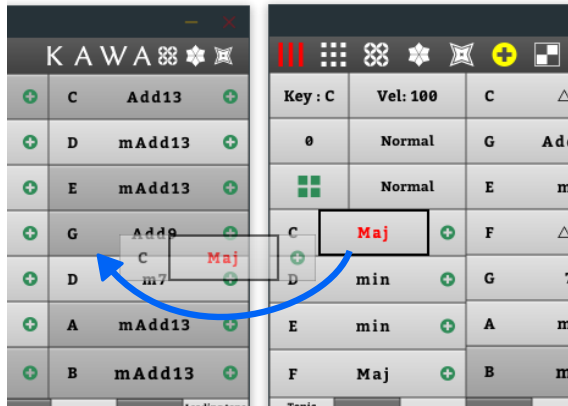


Replace Chord Button by "Right Mouse Button + drag and drop".

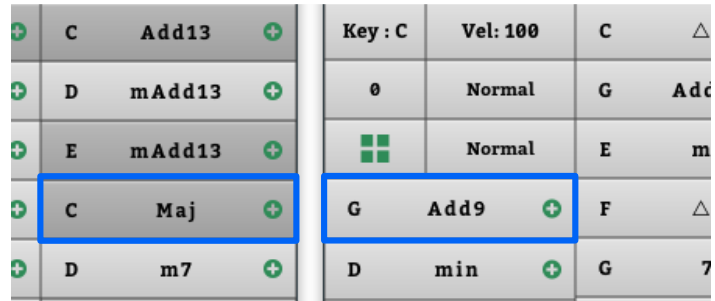


Re-place Chord Button to other kawaChord2 Instance (Beta version)

When you loaded multiple kawaChord2, you can send Chord Button settings to other kawaChord2 Instance.



before



after

If there are different plugin format of sender plugin and receiver plugin, kawa chord is not able to replace chord button setting. In you want to use this function, you need same plugin format.

Plugin format	result
VST3 => VST3	○
VST2.4 => VST2.4	○
VST3 => VST2.4	X
VST2.4 => VST3	X

3. Chord Search Panel

kawaChord2 Version 2.10 added "Search Chord panel" which is able to search chord by setted scale. When you mouse clicked on "+" mark in chord button, kawaChord2 will show "Search Chord2 panel.

ID	Root	Chord	Invert Type	Tone Counts	Top Note	Bass Note
0	C	Maj	Normal	3	G	C
1	C	sus4	Normal	3	G	C
2	✓ C	△7	Normal	4	B	C
3	C	△7sus4	Normal	4	B	C
4	C	Add9	Normal	4	D	C
5	C	△7Add9	Normal	5	D	C
6	C	sus4Add9	Normal	4	D	C
7	C	△7sus4Add9	Normal	5	D	C
8	C	Add11	Normal	4	F	C
9	C	△7Add11	Normal	5	F	C
10	C	Add ⁻ 11	Normal	4	E	C
11	C	△7Add ⁻ 11	Normal	5	E	C
12	C	Add13	Normal	4	A	C
13	C	△7Add13	Normal	5	A	C
14	D	min	Normal	3	A	D

Tonic				SubDominant	Dominant			Leading tone			
#1 C Root P1	C#	D	D#	#2 E M3	F	F#	#3 G P5	G#	A	A#	B

- 1 : Menu Area The Area is for setting search chord panel.
- 2 : Close Button This button will be close search chord panel.
- 3 : Search Result Area The Area is for to show result of search chords.

3.1 How to use search chord panel

The search chord panel will search chord which contained in setted scale at pitch name area.

image : Example search result 2

The screenshot shows the kawaChord2 application interface. At the top, there are icons for different scale types and a search bar. Below the search bar, there are tabs for SCALE, INVERSION, and NORMAL. The main table displays search results for the C major scale. The table has columns for ID, Root, Chord, Invert Type, Tone Counts, Top Note, and Bass Note. The results are as follows:

ID	Root	Chord	Invert Type	Tone Counts	Top Note	Bass Note
0	C	Maj	Normal	3	G	C
1	C	Add9	Normal	4	D	C
2	C	Add11	Normal	4	E	C
3	G	sus4	Normal	3	D	G

Below the table, there is a pitch name area with notes C, C#, D, D#, E, F, F#, G, G#, A, A#, B. A green dashed box highlights this area, and a green arrow points from it to the search results table.

Searching chord from setted scale in pitch name area.

image : Example search result 2

The screenshot shows the kawaChord2 application interface. At the top, there are icons for different scale types and a search bar. Below the search bar, there are tabs for SCALE, INVERSION, and NORMAL. The main table displays search results for the D minor scale. The table has columns for ID, Root, Chord, Invert Type, Tone Counts, Top Note, and Bass Note. The results are as follows:

ID	Root	Chord	Invert Type	Tone Counts	Top Note	Bass Note
0	C	Maj	Normal	3	G	C
1	C	sus4	Normal	3	G	C
2	C	Add9	Normal	4	D	C
3	C	sus4Add9	Normal	4	D	C
4	C	Add11	Normal	4	F	C
5	C	Add11	Normal	4	E	C
6	C	Add13	Normal	4	A	C
7	D	min	Normal	3	A	D
8	D	sus4	Normal	3	A	D
9	D	m7	Normal	3	C	D

Below the table, there is a pitch name area with notes C, C#, D, D#, E, F, F#, G, G#, A, A#, B. A blue box highlights this area, and a green arrow points from it to the search results table.

when you changed scale setting via click in pitch Name area, kawaChord2 will update search results.

3.2 Menu Area



- 1 : Scale menu This menu will be change scale setting.
- 2 : Search result menu This menu will be change setting which what to be contained in search result chord inversion type.
- 3 : Note Order/Filter menu This menu will be change Note order/Filter setting.
- 4 : Octave Offset menu This menu will be change octave offset setting.
- 5 : Close button This button will be close search chord panel.

Search result menu

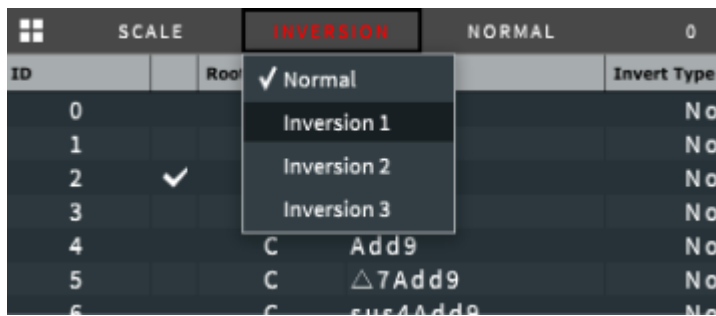
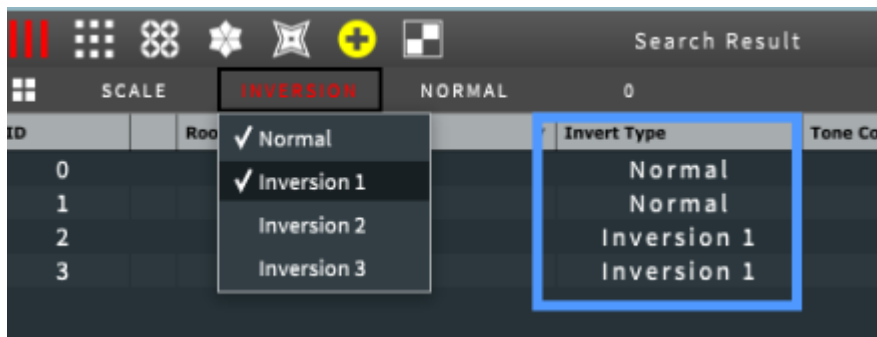
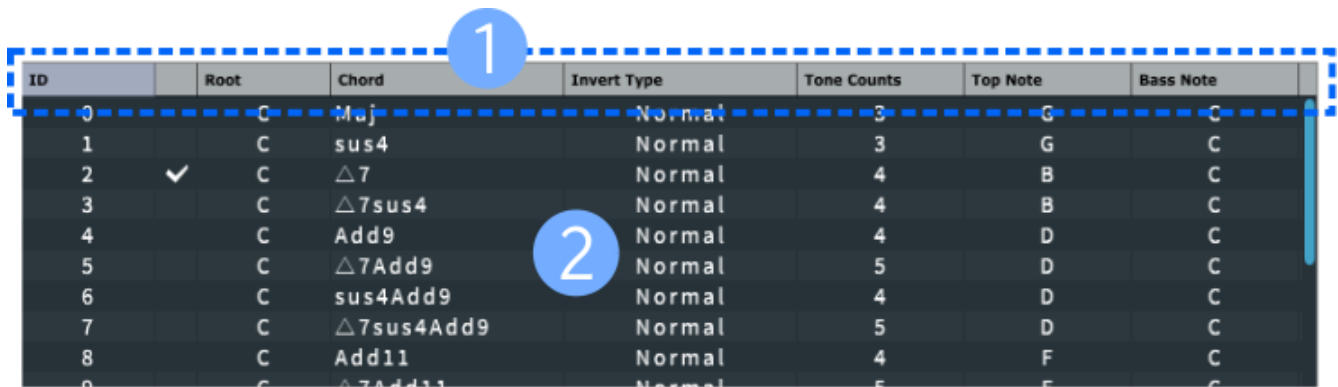


image :when showed search result pop-up menu



kawaChord2's search panel shows result only checked types.

3.3 Search Result Area



ID	Root	Chord	Invert Type	Tone Counts	Top Note	Bass Note
0	C	Maj	Normal	3	G	C
1	C	sus4	Normal	3	G	C
2	✓ C	△7	Normal	4	B	C
3	C	△7sus4	Normal	4	B	C
4	C	Add9	Normal	4	D	C
5	C	△7Add9	Normal	5	D	C
6	C	sus4Add9	Normal	4	D	C
7	C	△7sus4Add9	Normal	5	D	C
8	C	Add11	Normal	4	F	C
9	C	△7Add11	Normal	5	F	C

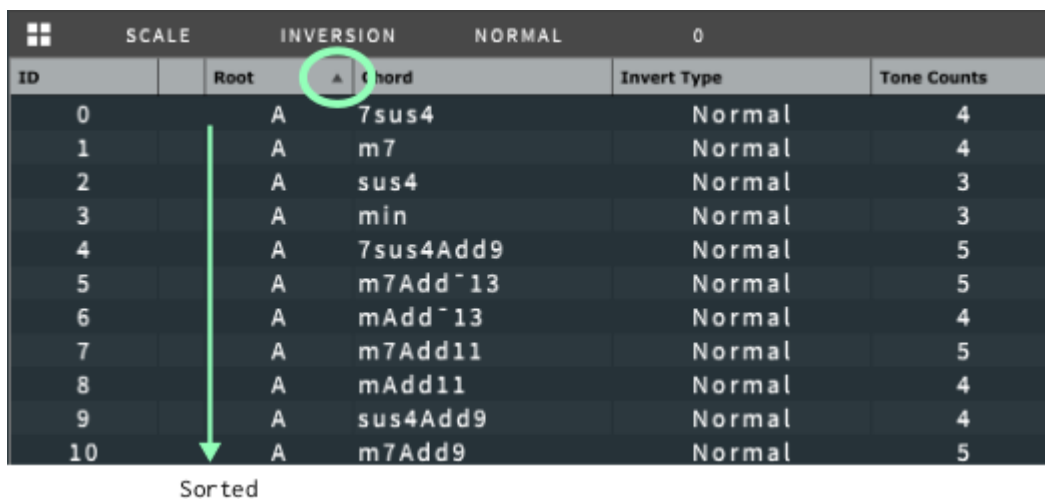
1 : Header Area

2 : Result Area This Area is for show search result.

Sort the search result by category.

When you clicked in category name on header area,kawaChord2 will be sort search result by category name.

By sorting Top note or bass, tones counts, you can view result from different angle.

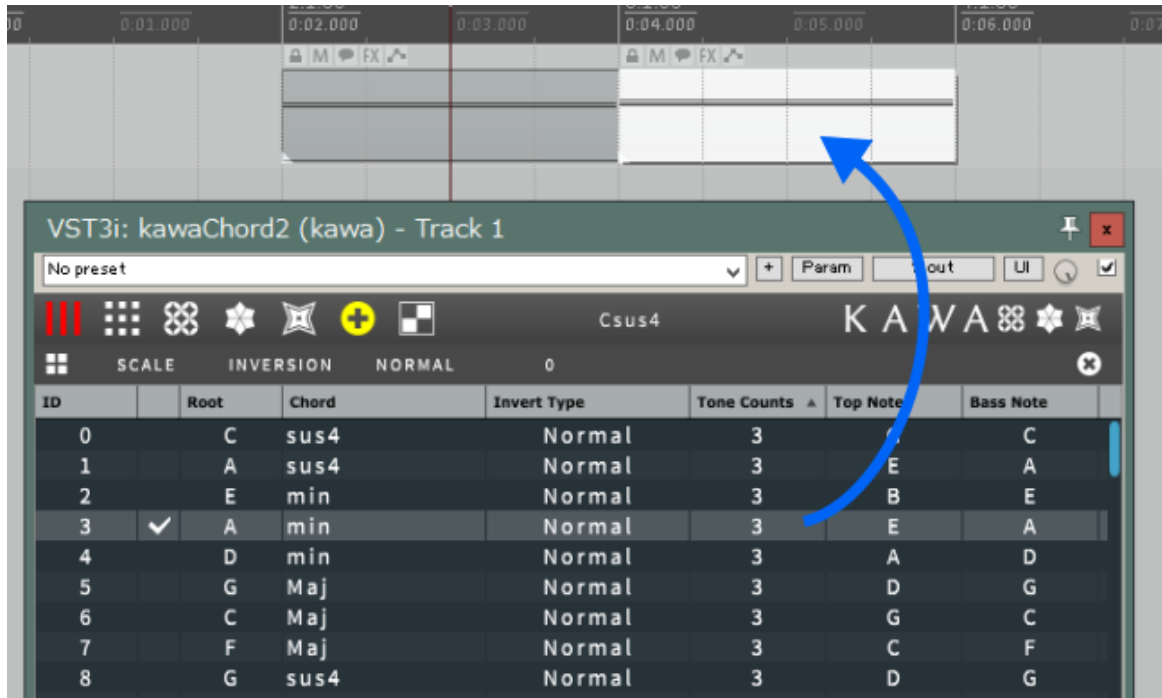


ID	Root	Chord	Invert Type	Tone Counts
0	A	7sus4	Normal	4
1	A	m7	Normal	4
2	A	sus4	Normal	3
3	A	min	Normal	3
4	A	7sus4Add9	Normal	5
5	A	m7Add~13	Normal	5
6	A	mAdd~13	Normal	4
7	A	m7Add11	Normal	5
8	A	mAdd11	Normal	4
9	A	sus4Add9	Normal	4
10	A	m7Add9	Normal	5

Sorted

image : sorted by chord Root category.

Place Chord to Daw from Search Result.

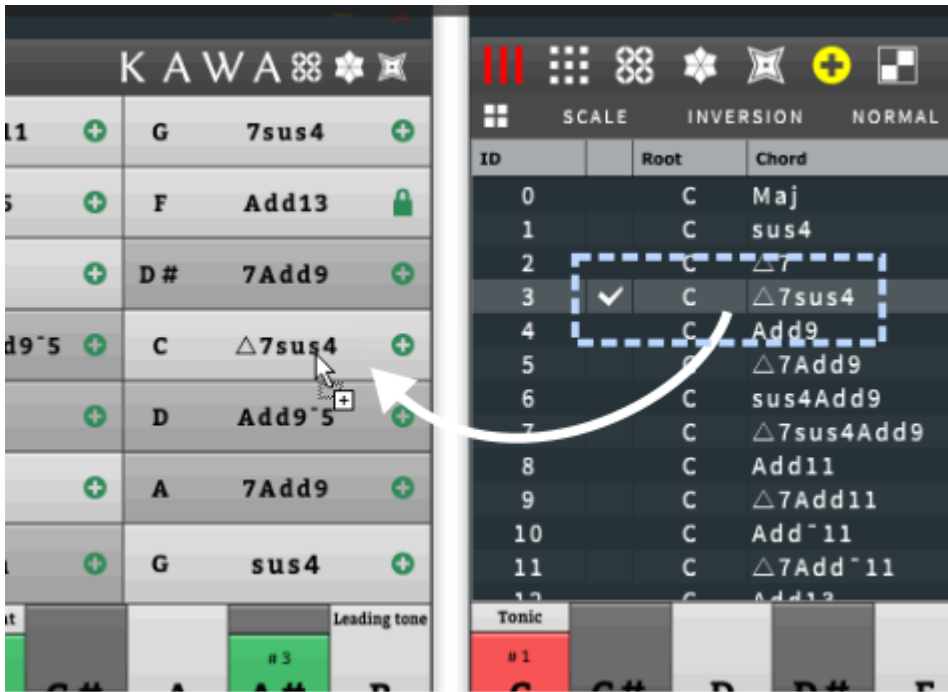


you can put MIDI items on tracks by **drag and drop** each search result while pressing the **Modifier Key 1**.

about Modifier Key 1, Please see chapter 10 of “kawaChord2_manual_EN.pdf”.

this function has been confirmed with the following Host applications: Studio One, Reaper, Logic and Bitwig Studio.

Send Chord Button to other kawaChord2 Instance (Beta version)



When you loaded multiple kawaChord2, you can send search result chord info to other kawaChord2 Instance.

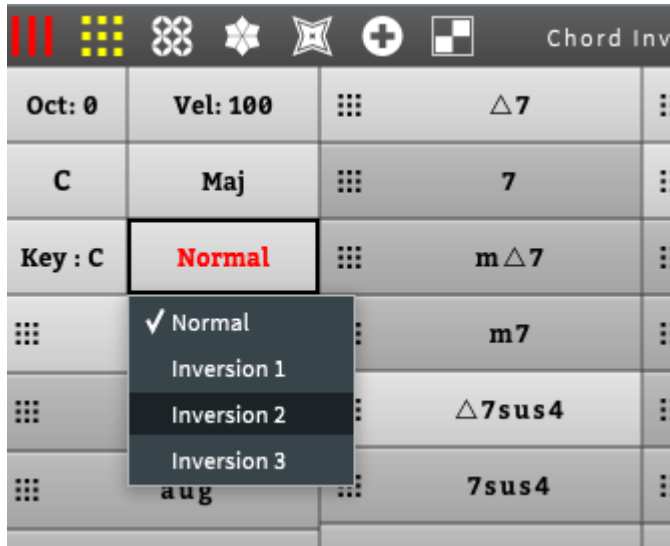
In advanced mode, you can replace chord button via **drag and drop** by **right mouse button**.

If there are different plugin format of sender plugin and receiver plugin, kawa chord is not able to replace chord button setting. In you want to use this function, you need same plugin format.

Plugin Format	Result
VST3 => VST3	○
VST2.4 => VST2.4	○
VST3 => VST2.4	X
VST2.4 => VST3	X

4. Added Pop-up menus

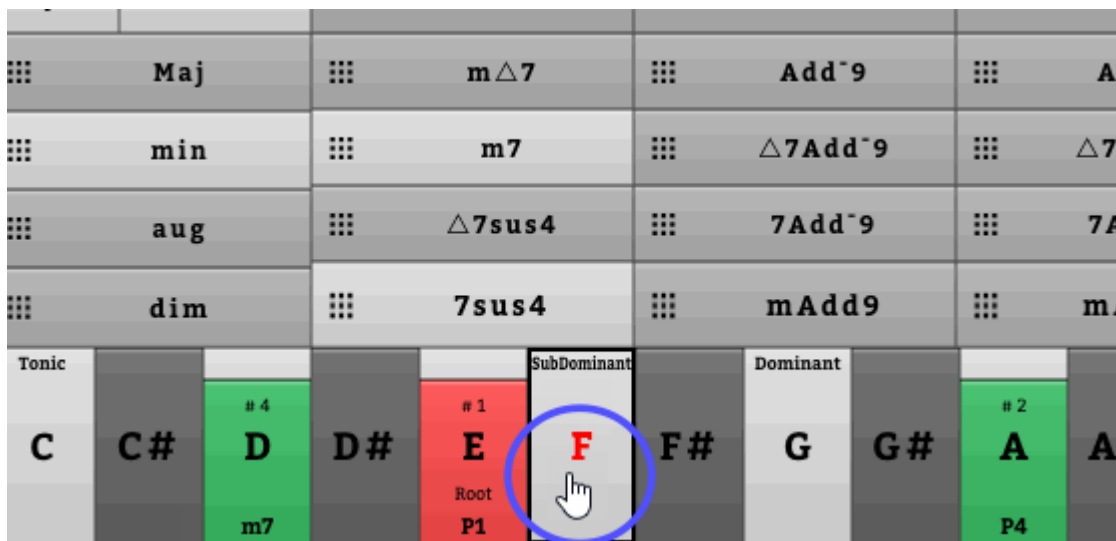
kawaChord2 Version 2.10 added pop-up menu on some buttons.



5. change mouse cursor.

kawaChord2 Version 2.10 5. change mouse cursor when on mouse button.

(however this function is depend by Host application daw.)



6. Updated Juce Library version 5.1.1

- Updated Juce Library version 5.1.1.

7. Other

- Improved : inner behavior of chord calculation.
- Improved : some graphics icons.
- Improved : some minor functions.