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Bass Line

Update 1.1 Summary

New features

- New GUI
- Load/Save multiple MidiCC maps
- Computer keyboard programming with user selectable remapping
- View configuration files from Option menu
- Two new pattern randomization functions
- Two function buttons that can be assigned to any pattern transformation functions
- Additional 18dB filter (pure18dB)

Improvements

- Improved Accent model
- Envmod knob action more accurately emulated
- Improved 96kHz sample rate support

Envmod Control

Since the behavior of the Envmod control has slightly changed your old ABL 1.0 projects may not play back correctly. The ABL 1.0 Envmod behaviour can be restored by setting EnvmodKnob = 0 in Config.ini.

Using the computer keyboard to program patterns

ABL 1.1 features keyboard programming of patterns. To use this feature make sure the keyboard programming is *On* in the option menu. Not all hosts support computer keyboard input to plug-ins or certain keys are mapped to functions that control the host. The keyboard mapping can be changed by following these steps:

1. Activate Keyboard Programming from the Options menu (which should read Keyboard Programming: ON)
2. Select Options->View Configuration files. Several text files should appear, view the one named Gui.ini
3. The current keyboard mapping can be viewed. If any keys are assigned by the host change ABL's keyboard mapping to suit your taste and save the Gui.ini. Close the other Configuration files.
4. Select Options->Reload Configuration
5. Test your keyboard mapping

If keyboard mapping does not work after these steps then the host does not support the plug-in to receive keyboard and you should deactivate Keyboard Programming in the Options menu. You will have to program ABL via the GUI.

The default keyboard mapping is:

Function	Keyboard
Set note pitch	q,2,w,3,e,r,5,t,6,y,7,u,i
Start/Stop pattern	<SPACE>
Pitch note down	a
Pitch note up	s
Toggle accent	d
Toggle slide	f
Go to next note	<RETURN>
Go back one note	<BACKSPACE>
Toggle time mode	p
Toggle auto advance	<TAB>
Clear pattern	x
Note on	b
Tie preceding note	n
Note off	m

Converting 303 Patterns to ABL

ABL 1.1 features three keyboard shortcuts to aid in converting 303 patterns to ABL. Time information from the 303 can be read and input using Note On (b), Tie (n) and Rest (m) on the computer keyboard. For this correctly ABL needs to be in Auto Adv mode. The pitches need to be entered on the corresponding Note On steps where the notes start unlike the 303 where pitches are input chronologically. Assume you wish to convert a pattern from 303 to ABL. The recommended conversion scheme is (using the default keyboard mapping):

1. Make sure ABL is *Keyboard Programming mode*
2. Turn Auto Adv on by pressing <TAB> until the button lights up
3. Set the 303 to Time Mode
4. Press Next on the 303 and read the diods (16th, tie and rest)
5. Press the corresponding keyboard shortcut in ABL (b,n or m)
6. Repeat 4-5 for all steps in the pattern
7. Press <TAB> twice to reset ABL to the first step

8. Set the 303 to Pitch Mode
9. Press Next on the 303 and read the pitch and note effects (accent, slide)
10. Write the pitch and note effects to ABL on the corresponding step which has the Time Mode light on
11. Repeat 9-10 for all steps in the pattern

Using the function buttons

Either one or both of the two function buttons (See *Pattern programming section*) can be assigned to pattern transformation functions. While assigning the corresponding function button will blink. The assignment can be cleared by pressing the *CLEAR* button while a function button is blinking. Note: This will also clear the pattern!

New pattern functions

- Randomize pitches: Randomizes only the pitches
- Alter pattern: Shuffles the order of the steps without changing the notes