Settings and CPC



Ample Sound Technology Co.

Contents

1 SETTINGS PANEL 1
1.1 SYSTEM SETTINGS 1
1.1.1 INSTRUMENT PATH SETTING 2
1.1.2 MASTER TUNE 2
1.1.3 MAX VOICES 2
1.1.4 VOICES DISPLAY 2
1.1.5 MEMORY DISPLAY 2
1.1.6 MOD WHEEL RANGE 2
1.1.7 POLY BEND TOGGLE 3
1.1.8 AUTO MOD TOGGLE 3
1.1.9 MODULATION SETTINGS 3
1.2 MIDI SETTINGS 4
1.2.1 MIDI OUT TOGGLE 4
1.2.2 EXPORT MODE 5
1.2.3 MIDI GUITAR MODE TOGGLE 5
1.2.4 MIDI CHANNELS 5
1.2.5 INVERT 6
1.2.6 VELOCITY LAYER THRESHOLD 6
1.2.7 VELOCITY SENSITIVITY 6
1.2.8 AUTO OFF VELOCITY TOGGLE 6
1.2.9 ACCENTUATE MODE 6
1.3 SAMPLE SETTINGS 7
1.3.1 SAMPLE CYCLE 7
1.3.2 CYCLE RESET 7
1.3.3 CYCLE X 3 8
1.3.4 ENVELOPE 8
1.3.5 GLOBAL SAMPLE START TIME 8
1.4 DISPLAY SETTINGS 10
1.4.1 DIALOG WINDOW ALWAYS ON TOP 11
1.4.2 DISABLE UI ANIMATIONS 11
1.4.3 DISABLE OPENGL 11
1.4.4 SELECT LANGUAGE 11

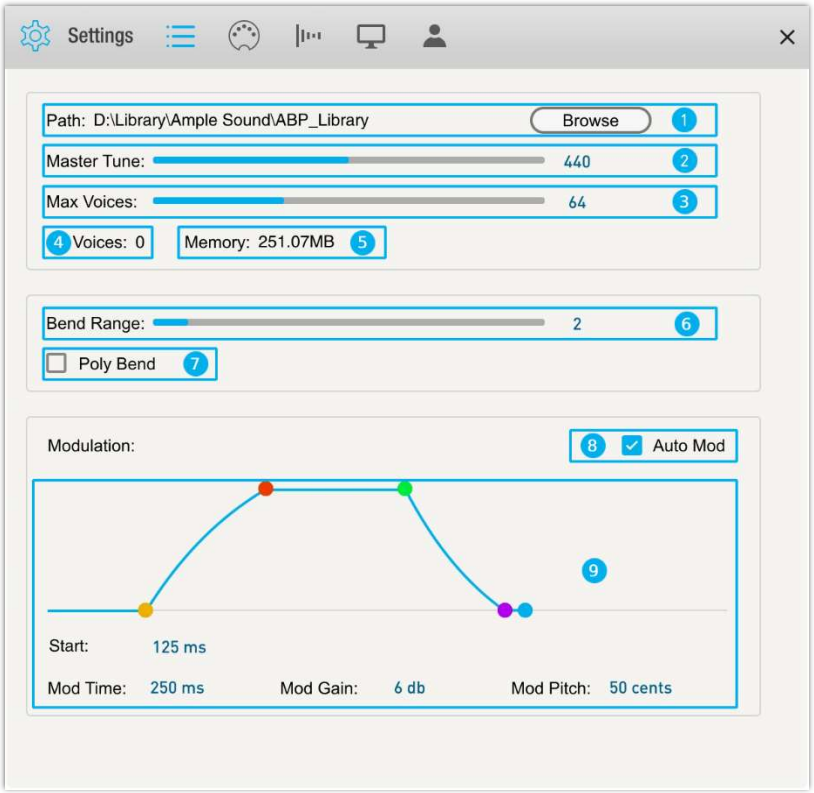
1.5 CUSTOMIZED PARAMETERS CONTROL 11

1.5.1 MIDI CC 11

1.5.2 VALUE RESET 12

1 Settings Panel

1.1 System Settings



1.	Library Path
2.	Master Tune
3.	Max Voices
4.	Voices
5.	Memory
6.	Bend Range
7.	Poly Bend Toggle
8.	Auto Mod Toggle
9.	Mod Settings

1.1.1 Instrument Path Setting

You can set the sample library location here when it is moved.



1.1.2 Master Tune

The default tuning reference is 440 Hz, adjustable within the range of 430–450 Hz.

1.1.3 Max voices

Defines the maximum number of voices which can be played simultaneously. Voices will be stopped if the amount goes beyond this value.

1.1.4 Voices Display

Shows the current number of voices in usage.

1.1.5 Memory Display

It shows the current memory consumption.

1.1.6 Mod Wheel Range

The range is from minor second to one octave.

1.1.7 Poly Bend Toggle

When performing polyphonic bends, by default only the lowest note is bent. When this toggle is enabled, all notes will bend together.

1.1.8 Auto Mod Toggle

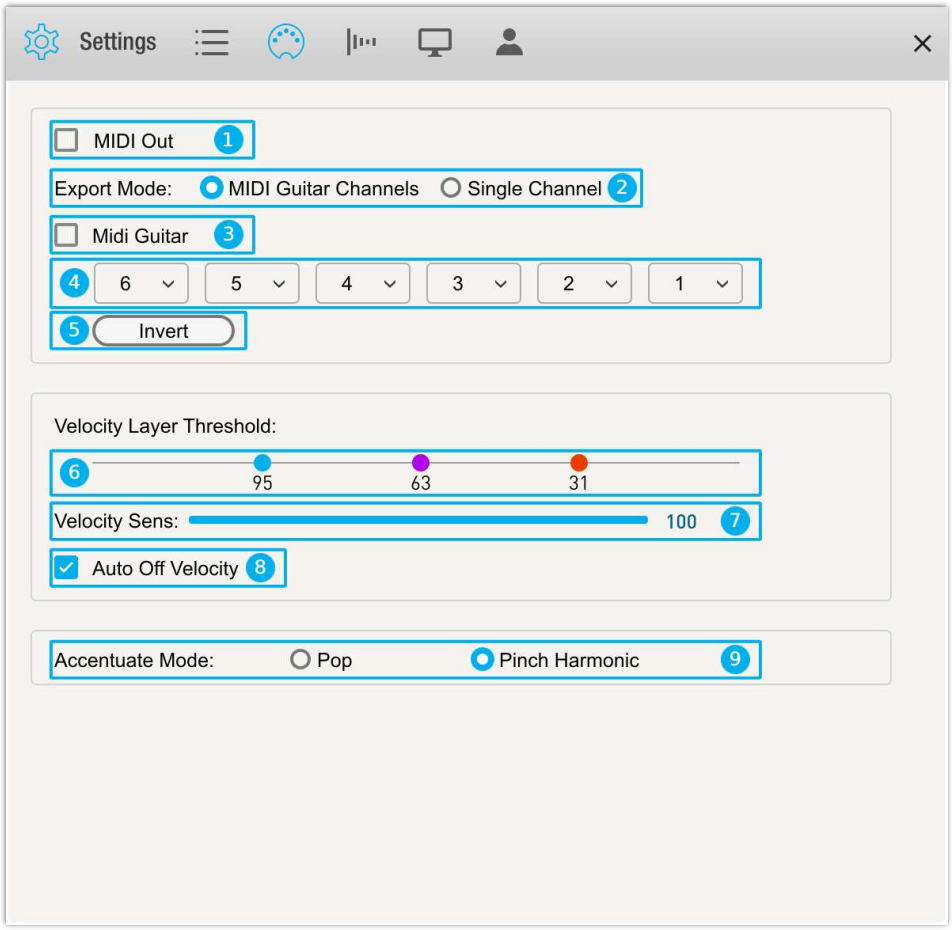
When toggled on, modulation will follow the SAHDS envelope. You can get natural and realistic vibratos while keeping the Mod wheel in one position.

1.1.9 Modulation Settings

Modulation Envelope:

- **Start:** The modulation doesn’ t work during the Start time. It ensures that fast notes will not be vibrated.
- **Attack:** The time from the beginning to the maximum amount of vibrato.
- Hold: Maximum amount of vibrato is kept during the Hold time.
- **Decay:** The time from the maximum amount to the sustain level of vibrato.
- **Sustain:** Decrease the vibrato volume and speed to this ratio and keep this value until the end of the note. A new note will start vibrato again following the envelope.
- **Mode Time:** The vibrato speed.
- **Mod Gain:** The maximum volume gain during vibrato.
- **Mod Pitch:** The maximum pitch change during vibrato.

1.2 MIDI Settings



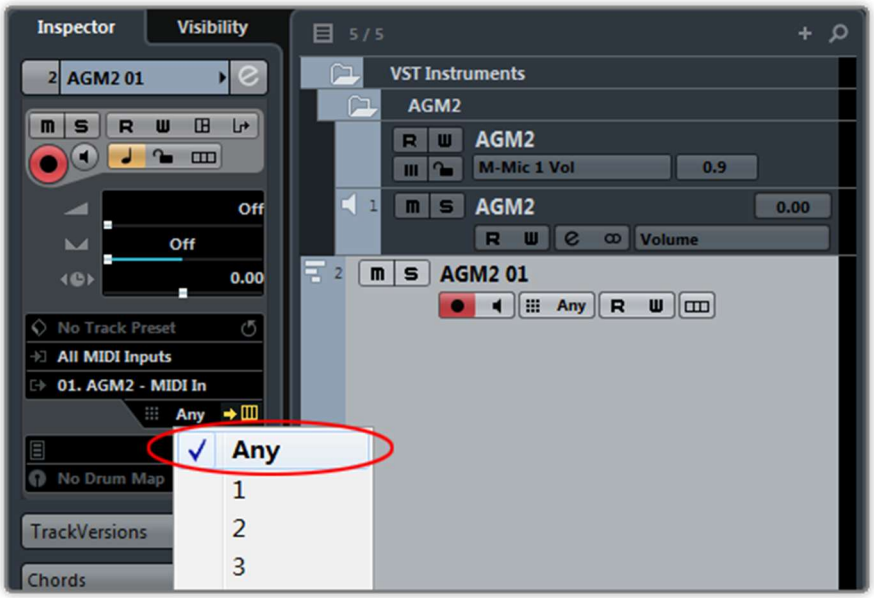
1.	MIDI Out Toggle
2.	Export Mode
3.	MIDI Guitar Mode Toggle
4.	MIDI Channels
5.	Invert
6.	Velocity Layer Threshold
7.	Velocity Sensitivity
8.	Auto Off Velocity Toggle
9.	Accentuate Mode

1.2.1 MIDI Out Toggle

Enable MIDI Out, then add a MIDI track in your project with its input set to Ample Guitar’ s MIDI Out. This allows Ample Guitar notes—including strumming and tablature—to be converted to

MIDI.

* Logic is the only one DAW which doesn't support MIDI out feature.



1.2.2 Export Mode

MIDI Guitar Channels:

- Exports multi-channel MIDI, with notes on different strings assigned to different channels.
- Make sure the input channel of MIDI track is set to Any,
- Not available for DAWs that do not support multi-channel MIDI.

Single Channel:

- Exports MIDI in one channel, Compatible with all DAWs.

1.2.3 MIDI Guitar Mode Toggle

1. Supports MIDI guitar hardware. You can assign a MIDI channel for each string individually.
2. Provide one more method to specify fingering positions.
3. Make sure the input channel of midi track is set to any.

1.2.4 MIDI Channels

To assign each string to a specific MIDI Channel.

1.2.5 Invert

Invert MIDI channel settings.

1.2.6 Velocity Layer Threshold

Changes the threshold of each velocity layers. Different samples are used for different velocity layers.

1.2.7 Velocity Sensitivity

Determines how much loudness is impacted by velocity. If the Velocity Sensitivity = 0, velocity doesn't change loudness.

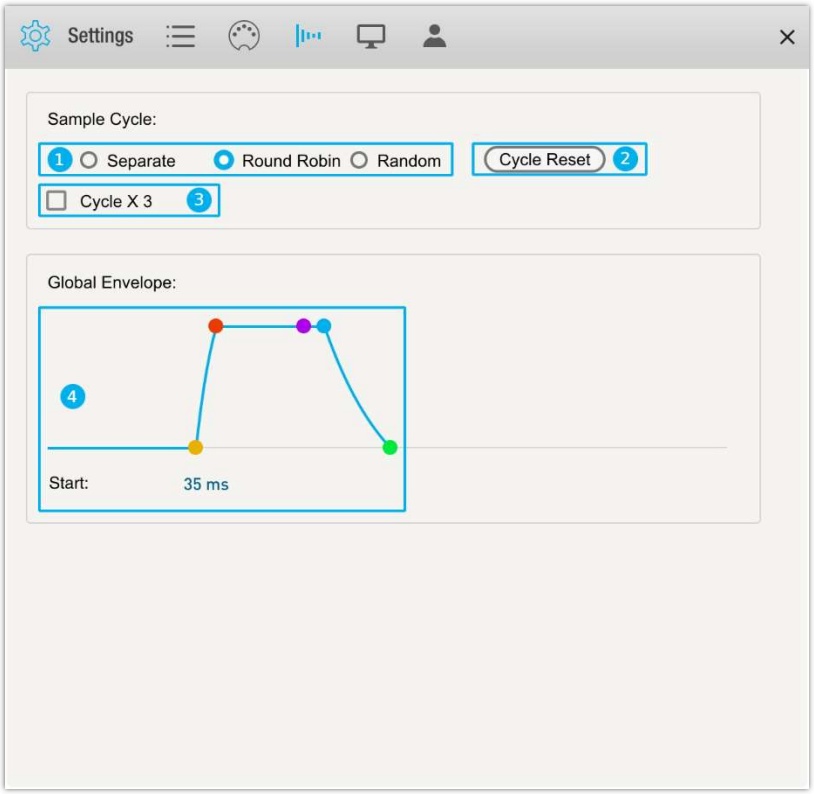
1.2.8 Auto Off Velocity Toggle

This feature is used for MIDI keyboards which don't support Off Velocity, in order to trigger Release and Fret Release sounds.

1.2.9 Accentuate Mode

Under the Sustain articulation, a maximum velocity of 127 triggers either "Pop" or "Pinch Harmonic".

1.3 Sample Settings



1.	Sample Cycle
2.	Cycle Reset
3.	Cycle X 3
4.	Envelope

1.3.1 Sample Cycle

There are 3 different Sample Cycle modes:

1. Separate Cycle: Samples cycle independently for each note and each velocity layer, more appropriate for arpeggio and strumming.
2. Round Robin: More suitable for solo melody and bass line.
3. Random: Samples cycle randomly.

1.3.2 Cycle Reset

Reset cycle index.

1.3.3 Cycle X 3

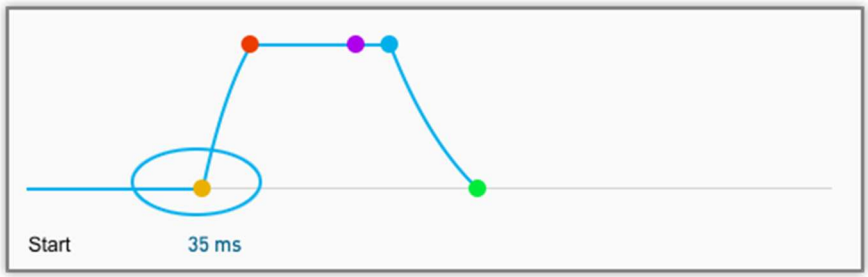
Cycles are 3 times longer for each note.

1.3.4 Envelope

Item	Range	unit
Start	0-50	ms
Attack	1-9000	ms
Decay	1-9000	ms
Sustain	0-99	db
Release	50-9000	ms

1.3.5 Global Sample Start Time

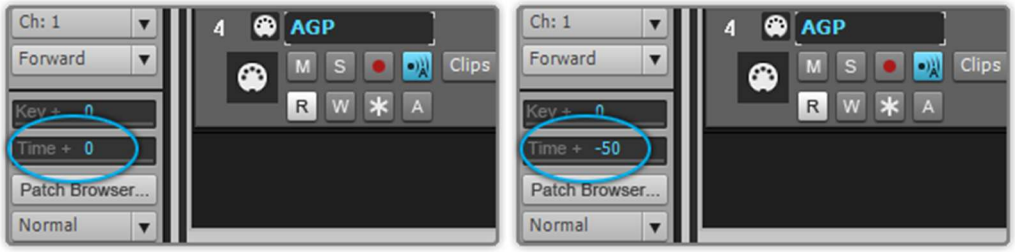
For plucked instruments, there is typically about a 50 ms onset from the initial pluck to the maximum amplitude. Ample Sound samples preserve this characteristic to avoid making plucked instruments sound like a piano.

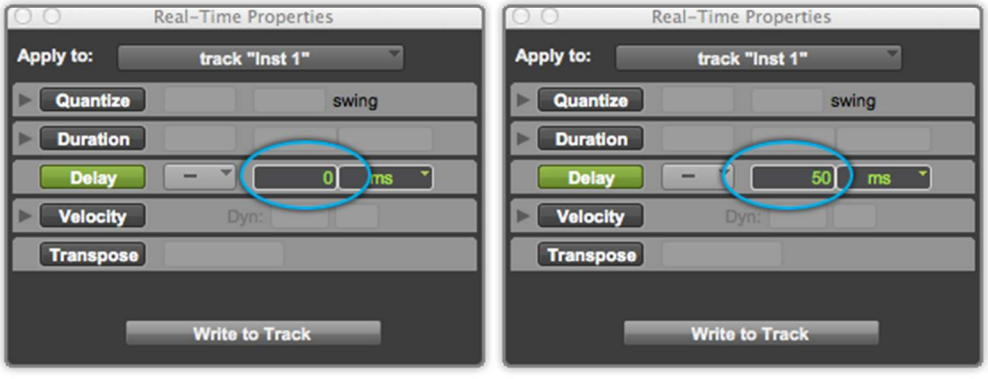

Start
35 ms


1 AGP
M S R W
Off
Off
0.00
-50.00

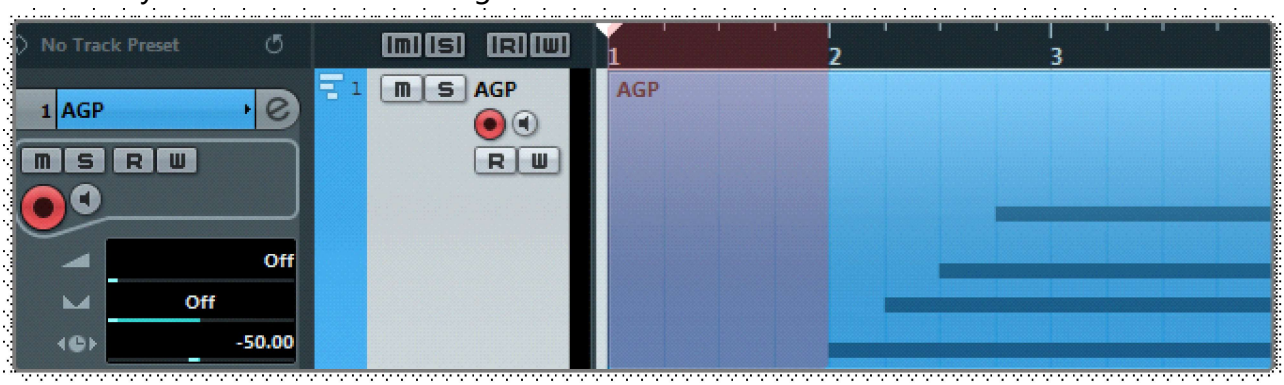

MIDI Thru
Solo-AGF1
Icon:
Core Audio: Inst 2
MIDI Channel: All
Freeze Mode: Pre Fader
Transposition:
Velocity:
Key Limit: C-2 G8
Vel Limit: 0 127
Delay: 0.0 ms
Delay: -50.0 ms
No Transpose:
No Reset:
Style: Auto
Global Tracks
1 Solo-AGF1
2 PM-AGF1
3 ARP&PM-AGF2
4 AGF-Autum...


ARP-AGF2
Timebase Beats
Group None
Layers
Delay 0.00 ms
Delay -50.00 ms
Transpose
ARP-AGF2
AGF
All Inputs
NH-AGF2
AGF 2
All Inputs

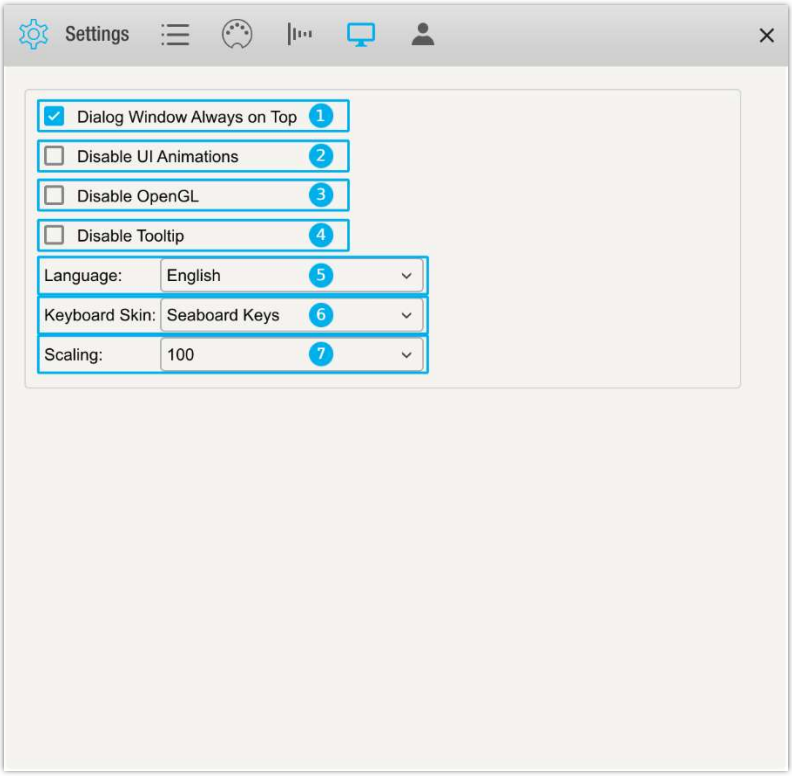

Ch: 1
Forward
Key + 0
Time + 0
Time + -50
Patch Browser...
Normal
4 AGP
M S R W A
Clips


Real-Time Properties
Apply to: track "Inst 1"
Quantize swing
Duration
Delay 0 ms
Delay 50 ms
Velocity Dyn:
Transpose
Write to Track

Set Start Time to 50ms and Track Delay of DAWs to 0ms as shown in the figure above on the left for real-time playing. Set Start Time to 0ms and Track Delay of DAWs to -50ms as shown in the figure above on the right for playback or export. If your DAW doesn't support Track delay, you will need to drag tracks a few ms (according to start time) forward manually, or use the formula of Time to BPM: Track Delay(beat) = Time(s) * Tempo / 60, e.g. for 50ms, you need to drag tracks 0.1 beat or 48 ticks forward when Tempo = 120. You need to export audio one bar earlier after Track Delay is set as shown in the figure below.



1.4 Display Settings



1.	Dialog Window Always on top
2.	Disable UI Animations
3.	Disable OpenGL
4.	Disable Tooltip
5.	Select Language
6.	Select Keyboard Skin
7.	Scaling

1.4.1 Dialog Window Always on Top

Dialog Window Always on Top.

1.4.2 Disable UI Animations

When toggled on, UI Animations will be disabled to improve performance.

1.4.3 Disable OpenGL

Toggle this button to disable OpenGL in case of dated graphic cards or problematic graphic drivers.

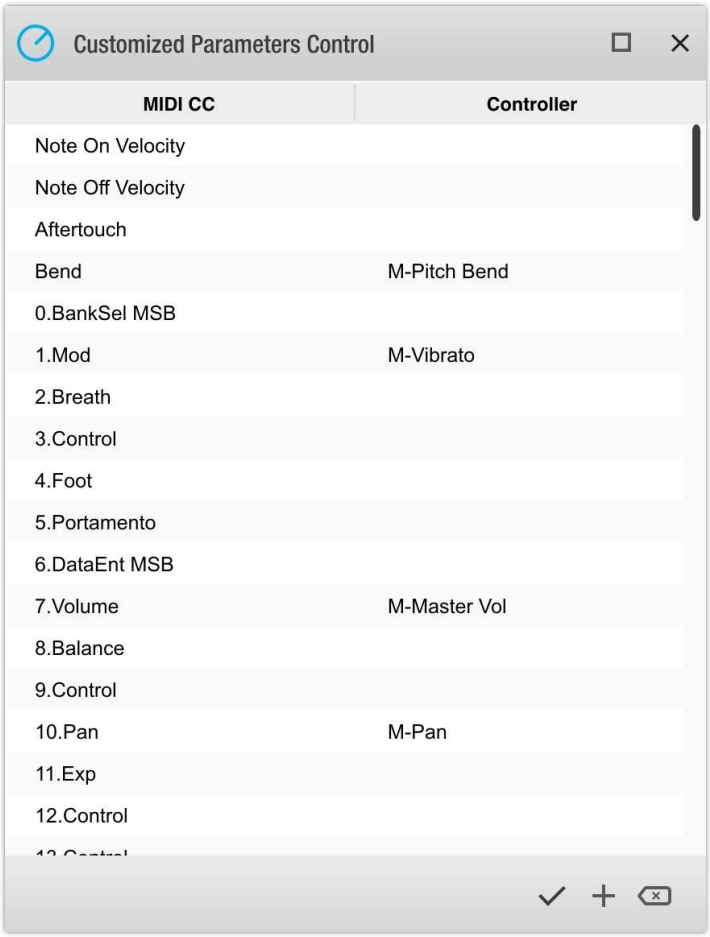
1.4.4 Select Language

Switch Language, will take effect after reopening the window.

1.5 Customized Parameters Control

1.5.1 MIDI CC

Most buttons, knobs and sliders on GUI can be controlled by MIDI CC. Alt + click or right-click a control to open the dialog below and assign a controller.



1.	Left Column: MIDI CC
2.	Right Column: Controller
3.	✓: Assign the selected MIDI CC to the controller
4.	+: MIDI Learn
5.	×: Remove the assignment

1.5.2 Value reset

Press Ctrl + click to reset a controller to its default value.

Website: https://www.amplesound.net

Free Version Download: https://www.amplesound.net/en/download.asp

Online Service: https://www.facebook.com/AmpleSoundTech



Tech-Born Music

Produced and Copyright provided by Ample Sound Technology Co.