

Main Panel Manual

Ample Bass Total Range 6 (ABTR6)



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1 Instrument Panel

1.1 Overview of Instrument Panel



1. Save/Load Preset
2. Tuner
3. Position Force Display
4. Slap Volume Ratio
5. Instrument EQ
6. String Force Display

1.2 Save/Load Preset

Preset button displays current preset in use. The “Default” preset is loaded automatically when the plugin starts. Preset name is shown as “Preset” if the “Default” preset is not found. To load a preset, click preset name to open the file

chooser window. Left and right arrow can also be used to quickly change preset. To save current preset, click the down arrow to open the preset save window.

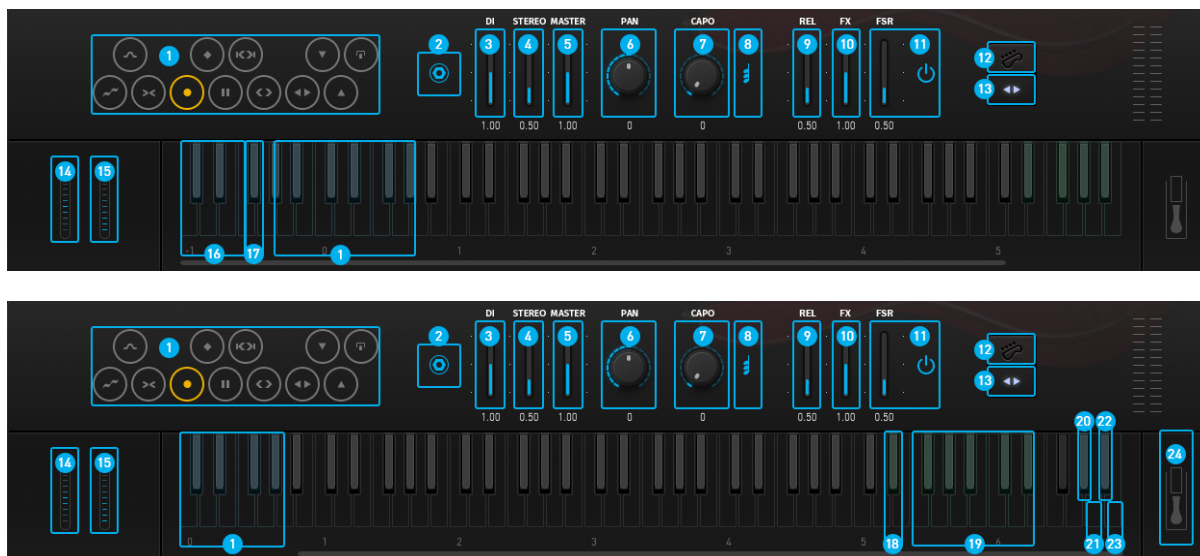
1.3 Tuner

You can tune every string by turning its corresponding tuner, 2 semitones down at most. Tuning is fully compatible with Strummer, Tab and all articulations.



2 Main Panel

2.1 Overview of Main Panel



1. Articulation & Legato Keyswitches
2. Sound Mode
3. DI Volume
4. Stereo Volume
5. Master Volume
6. Pan
7. Capo
8. Fingering Mode
9. Release Sound Gain
10. FX Sound Gain
11. Fingering Sound Toggle & Gain
12. Playing Mode Switch
13. Auto Legato Mode Switch
14. Bend
15. Mod Wheel
16. String Force
17. Position Force
18. Repeater
19. FX Sound Group
20. Auto Legato Mode Keyswitch
21. Tab Play Keyswitch
22. Riff Play Keyswitch
23. Fingering Mode Keyswitch
24. Hold Pedal Toggle

2.2 Articulations & Poly Legato

2.2.1 Articulation List

Abbr.	Full Name	Keyswitch	Range
Gli	Glissando	A-1	A0-G#4

Mor	Mordent	A#-1	D0-C5
SF	Full Slide	B-1	C1-C#5
Sus	Sustain & Pop	C0	B0-D5
NH	Natural Harmonic	C#0	B0-G4
PM	Palm Mute	D0	B0-D5
SIO	Slide In from below & Slide Out downwards	D#0	C#1-D5
LS	Legato Slide (Poly Legato)	E0	C#1-D5
HP	Hammer-On & Pull-Off	F0	B0-D5
Pop	Pop(vel 64-127) & Pop Dead Note(vel 1-63)	A0	B0-D5
Slap	Slap(vel 64-127) & Slap Dead Note(vel 1-63)	G0	B0-D5
Tap	Tap	G#0	B0-D5

2.2.2 Glissando

Keyswitch is A-1.

Abbr.	Full Name	Keyswitch	Range
Sus2	Sus2 Chord	A-1	A0-G#1
7	Seventh Chord	A-1	A1-G#2
M7	Major Seventh Chord	A-1	A2-G#3
m7	Minor Seventh Chord	A-1	A3-G#4

2.2.3 Mordent

Keyswitch is A#-1. The mordent interval is major second. Playing this keyswitch when a note is sounding will play legato to Mordent. Articulation will return to Sustain when the note ends. You can also stay on this articulation by holding the keyswitch. Articulation will not return while this keyswitch is held.

2.2.4 Full Slide

Keyswitch is A#-1. The slide interval is major second. Playing this keyswitch when a note is sounding will play legato to Full Slide. Articulation will return to Sustain when the note ends. You can also stay on this articulation by holding the keyswitch. Articulation will not return while this keyswitch is held.

2.2.5 Sustain & Pop

Keyswitch is C0. Notes of velocity less than 126 will be Sustain. Notes of velocity 126 and 127 will be Pop.

2.2.6 Natural Harmonic

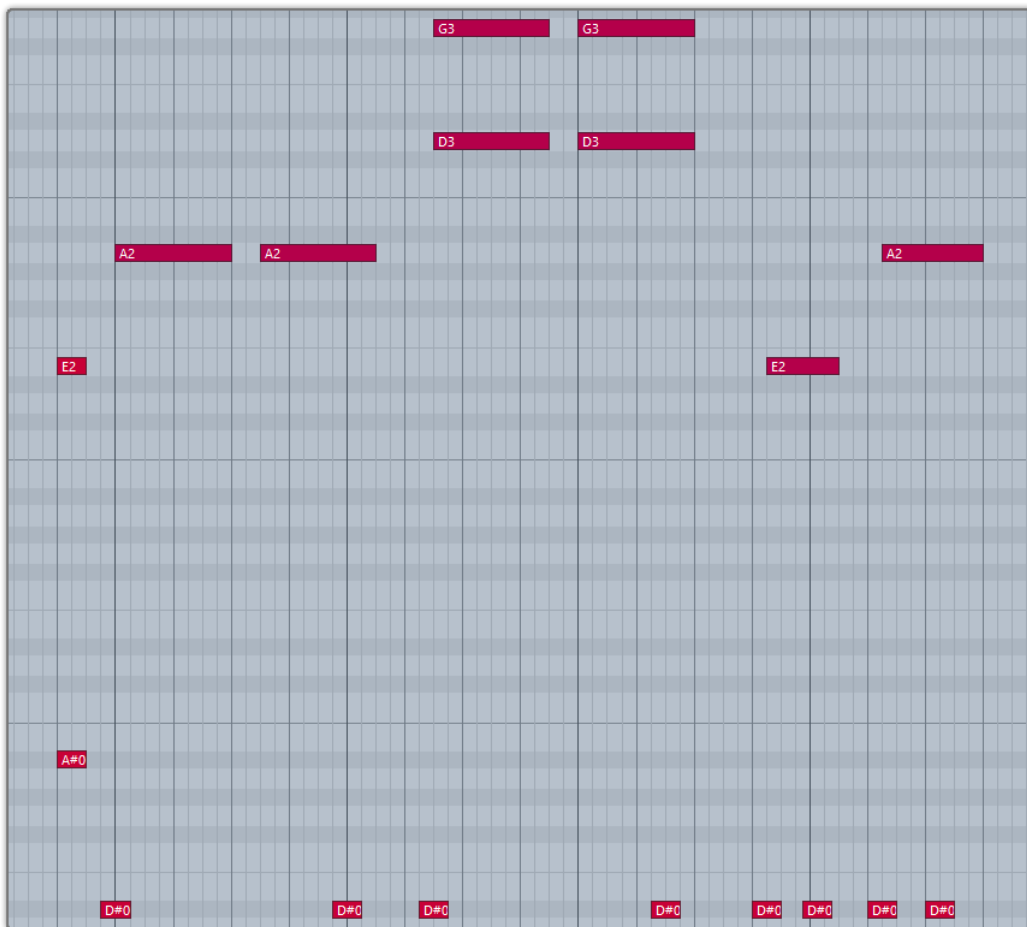
Keyswitch is C#0.

2.2.7 Palm Mute

Keyswitch is D0. Lower the velocity, greater the mute depth. If you press C0 and D0 at the same time, subsequent notes of high velocity will be Sustain and notes of low velocity will be Palm Mute.

2.2.8 Slide In from below & Slide Out downwards

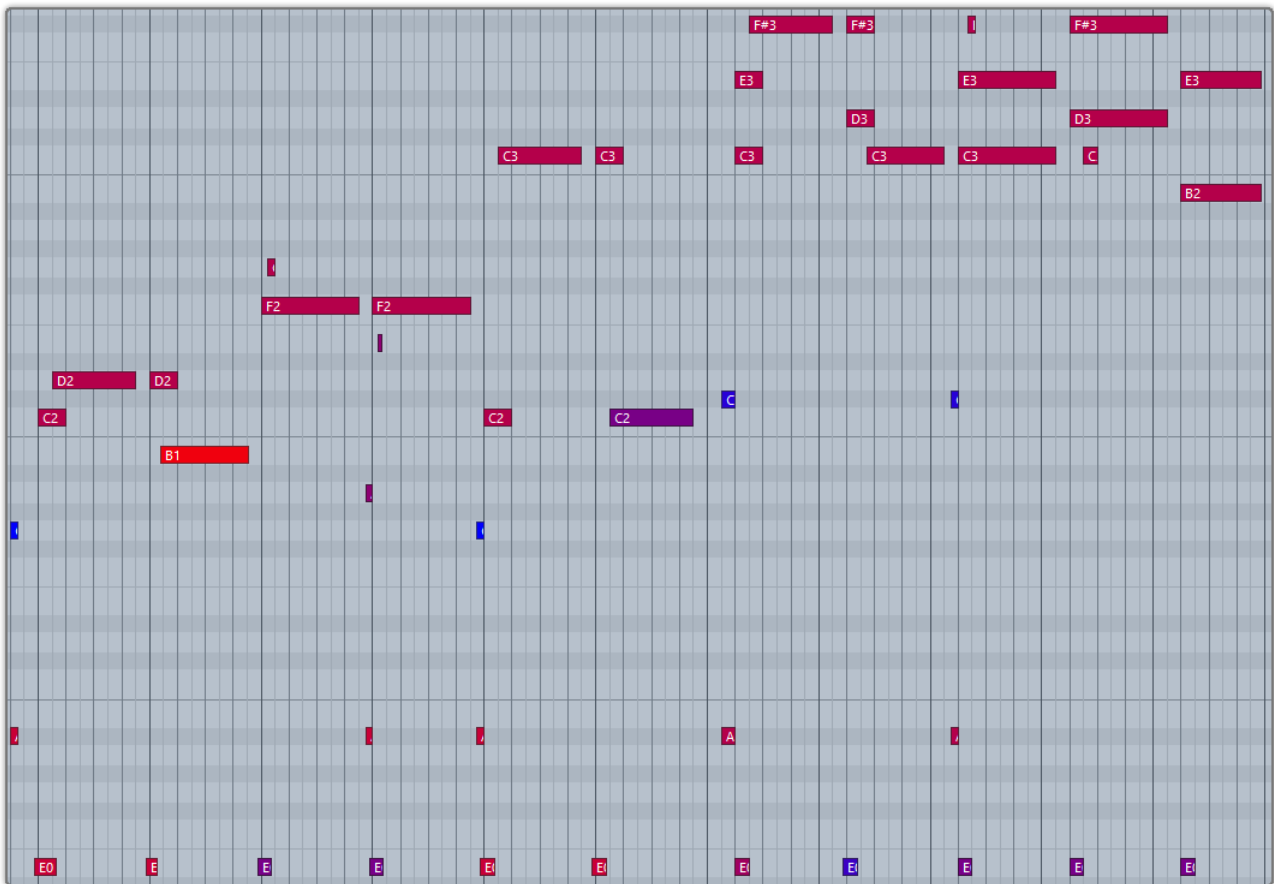
Keyswitch is D#0. When D#0 is before a note, subsequent note will be Slide In. When D#0 is during a note, Slide Out is triggered whose velocity is determined by D#0. Articulation will return to Sustain when note ends.



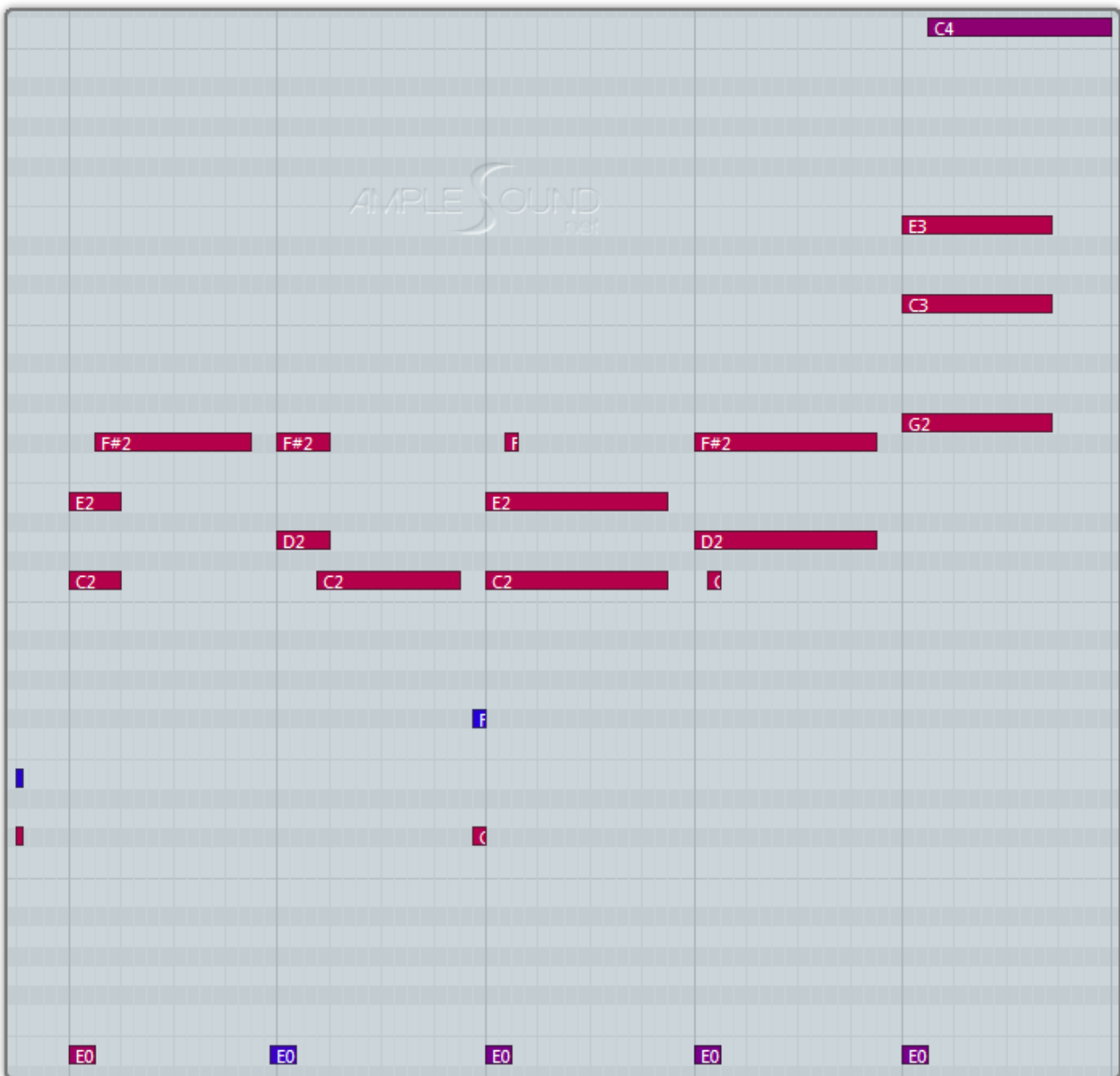
2.2.9 Legato Slide (Poly Legato)

Keyswitch is E0. Slides of all possible intervals on the fretboard are supported, whose speed is controlled with the destination note' s velocity. Slide triggered by E0 with high velocity will change fret position. Low velocity will not. The articulation will return to previous one when the destination note ends. You can also stay on this articulation by holding the keyswitch. Articulation will not return while this keyswitch is held.

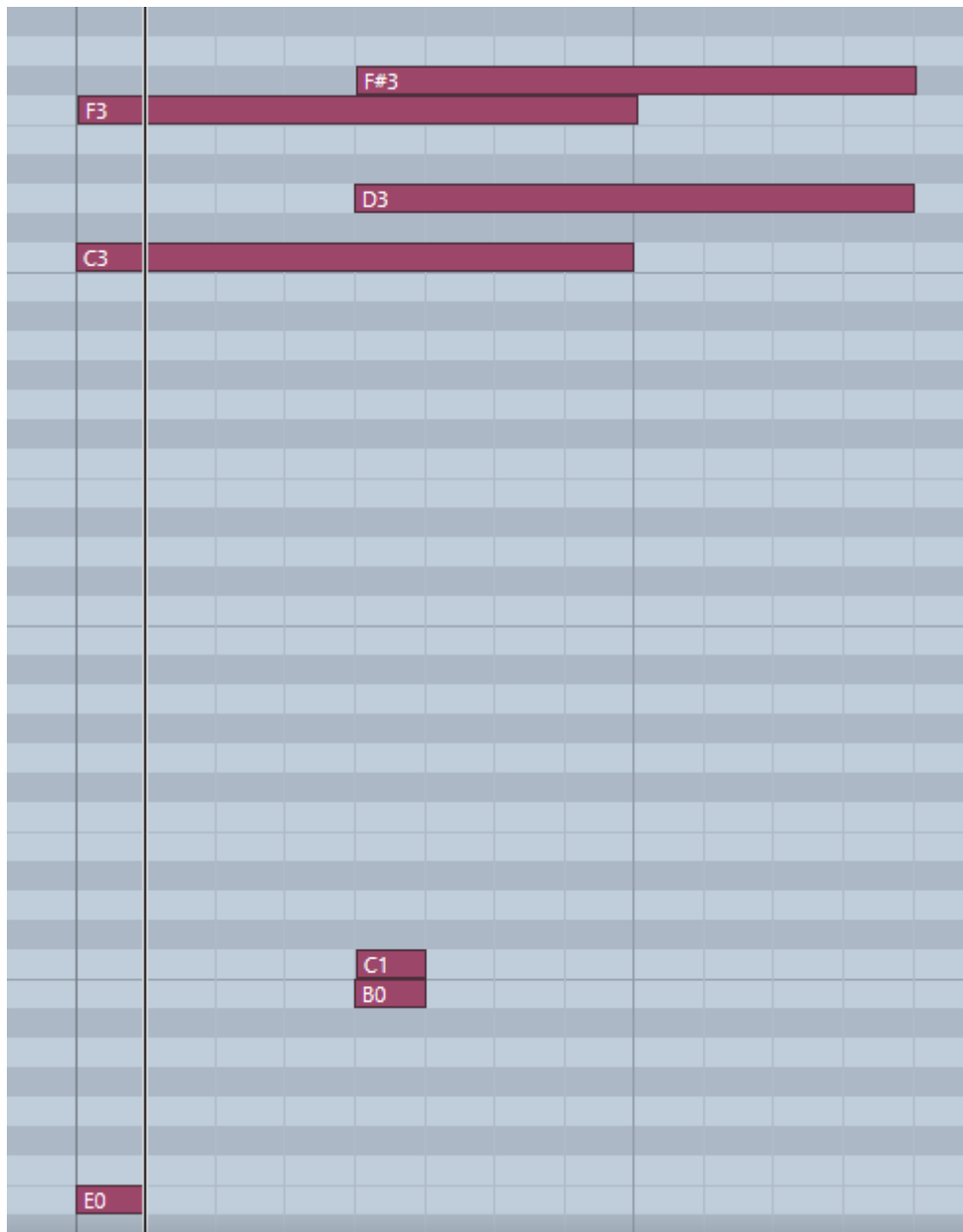
- * The two notes must overlap in time.
- * E0 must be ahead of the start note.
- * The two notes must be on the same string.



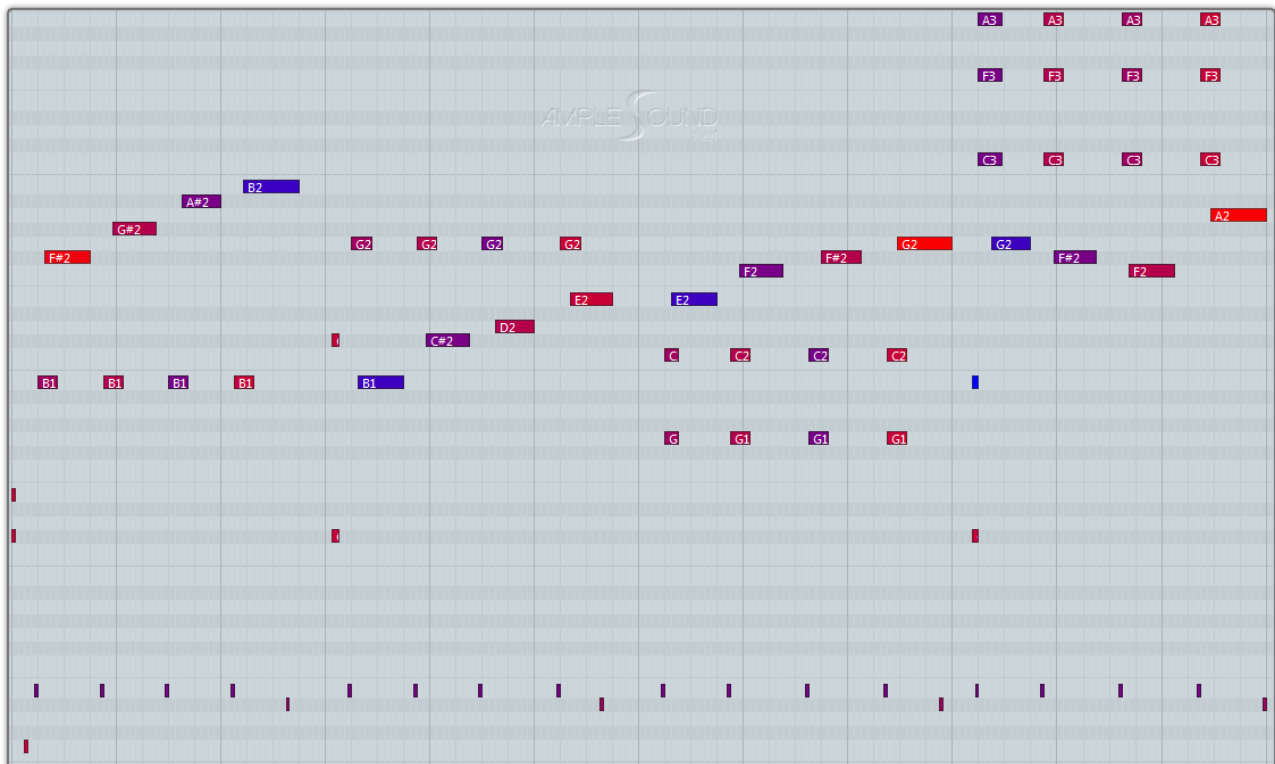
Poly Legato: Press the highest note of destination to slide upwards; Press the lowest note of destination to slide downwards.



Slides on different strings with different intervals: Use the String Force keyswitch before each note to notify the intended strings (note on at least 1 tick before). Then the start notes will only slide to other notes (with String Force keyswitches) on the same string.



Slide Smoother: The speed of long legato slide (slide more than 2 frets) is determined by the velocity of destination note. Higher the velocity, faster the speed.



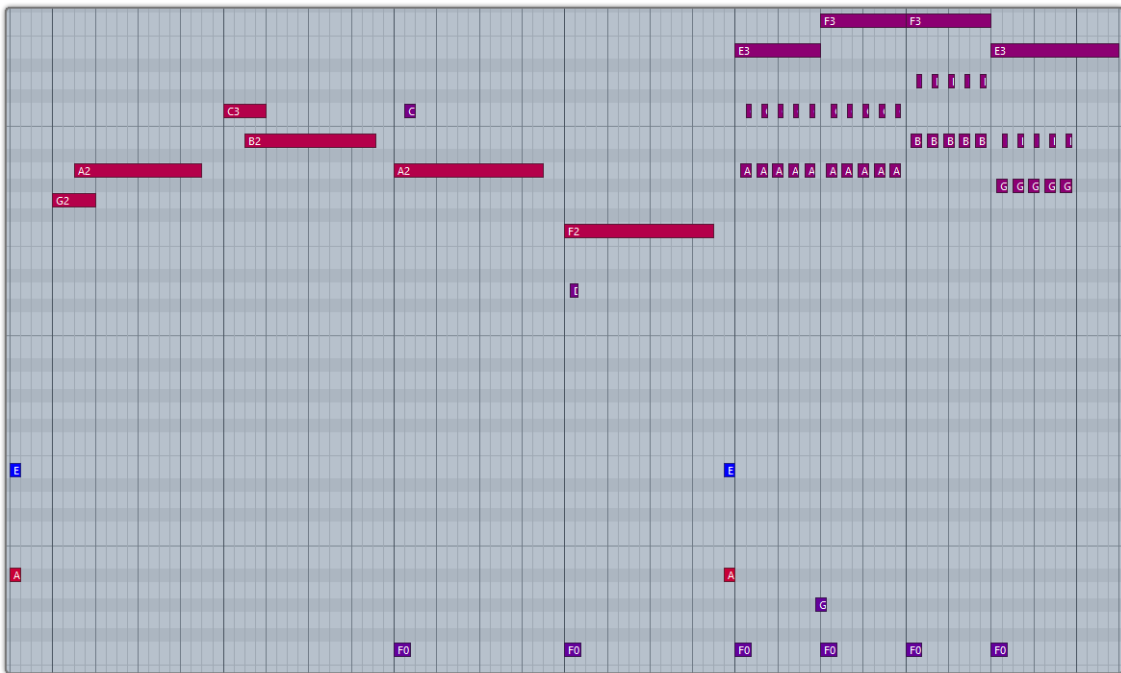
Auto Slide requires:

1. Auto legato mode is Auto Legato Slide.
2. The two notes must overlap in time.
3. The two notes must be on the same string.
4. Instrument Mode.

2.2.10 Hammer-On & Pull-Off (Poly Legato)

Keyswitch is F0. Articulation will return to previous one when destination note ends. HP triggered by F0 of high velocity will change fret position if it goes beyond current position. Low velocity will not.

- * The two notes must overlap in time.
- * F0 must be ahead of the start note.
- * The two notes must be on the same string.



Poly Legato: Press the highest note of destination to Hammer On; Press the lowest note of destination to Pull Off.

HP on different strings with different intervals: Same as slides, use the String Force keyswitch before each note to notify the intended strings (note on at least 1 tick before). Then the start notes will only HP to other notes (with String Force keyswitches) on the same string.

Auto HP requires:

1. Auto legato mode is Auto Legato HP.
2. The two notes must overlap in time.
3. The two notes must be on the same string.
4. Instrument Mode

2.2.11 Pop

Keyswitch is F#0. Subsequent note of low velocity will be slap dead note.

Press F#0 and G0 at the same time, subsequent notes on string 5&6 will be Slap and string 1&2 will be Pop.

2.2.12 Slap


Keyswitch is G0. Subsequent note of low velocity will be slap dead note.

2.2.13 Tap

Keyswitch is G#0.

2.3 Sound Mode

Mono and Stereo DI modes are available.



1.  Stereo Mode
2.  Mono Mode

2.4 Capo

It simulates the real bass capo. It can transpose the pitch without changing the fingering.

2.5 Fingering Mode Keyswitch

2 kind of Fingering Modes:


1.  Melody Mode: the range is 12 frets.
2.  Chord Mode: the range is 5 frets.


2.6 Rich Fingering Sound


In real performance, a lot of playing noises are generated. Virtual instrument would sound unnatural without those noises. Ample Sound Engine can generate rich Fret Noise automatically.

FR: Fingering Release Sound Gain.

2.7 Play Mode Switch

Instrument Mode:  It is limited by the real playing rules of the instrument, such as two notes on the same string cannot ring simultaneously.

Keyboard Mode:  When Keyboard Mode is on, multiple notes can be played on same string simultaneously.

Solo Mode:  Only a single note can be played simultaneously.

* Both Keyboard Mode and Solo Mode will disable Automatic Legato.

2.8 Auto Legato Mode Switch

There are 3 modes: Automatic Slide; Automatic Hammer On and Pull Off; Off.

Note G#6 with high velocity sets the mode to Automatic Slide, and low velocity sets the mode to Off.

2.9 Mod Wheel

Please refer to the "Settings and CPC Manual" . To vibrate automatically, open Settings Panel and toggle on Auto Mod.

2.10 String Force & Position Force

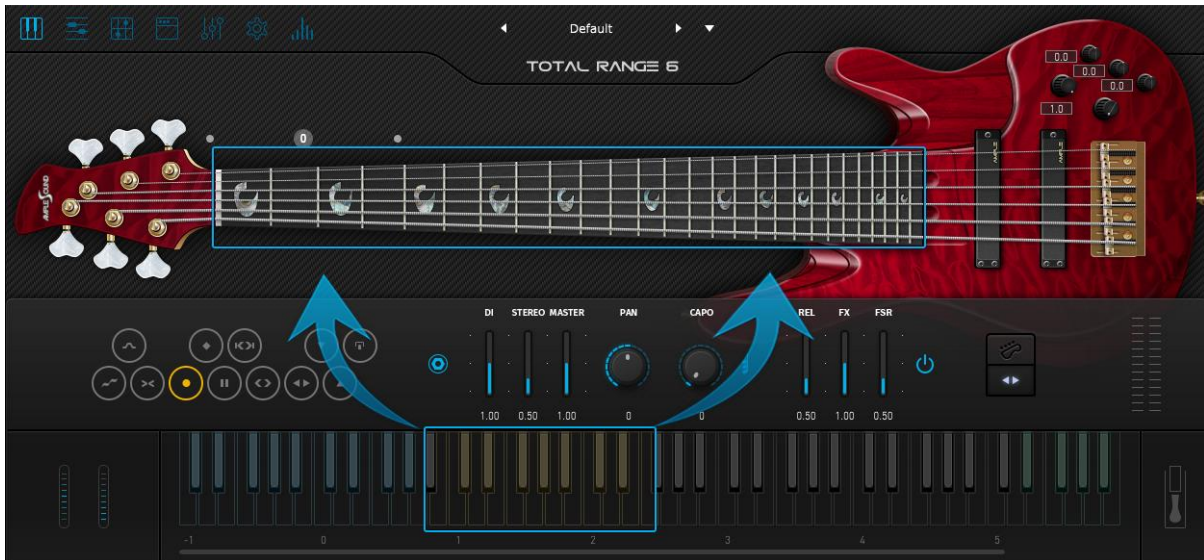
2.10.1 String Force

Specify a string to be played. C-1-F-1 correspond to 6th string-1st string. High velocity String Force will affect fret position, while low velocity will not.

2.10.2 Position Force

Switch to a fret position manually. A yellow line will be displayed after pressing F#-1, Press B0-G2 (A#1 in Melody mode) to switch to position respectively.

*A position covers a range of 5 frets (12 frets in Melody mode)



2.11 FX Sound Group

Note	FX Sound
F5	Scratch
F#5	Raking
G5	String Slap
G#5	Slap Noise by Left hand
A5	Slap Noise by Right hand
A#5	FX Slide 1: SIO on B string
B5	FX Slide 2: SIO on E string
C6	FX Slide 3: SIO on A string
C#6	FX Slide 4: SO on B string
D6	FX Slide 5: SO on E string
D#6	FX Slide 6: SO on A string

2.12 Repeater

Press D#5 to repeat notes being played. Polyphonic notes are supported.

2.13 Hold Pedal Toggle

Website: <http://www.amplesound.net>

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