# Ample Guitar LP
# Main Panel Manual




**Ample Sound Technology Co.**

# Contents

**1 INSTRUMENT PANEL ..... 1**
1.1 OVERVIEW OF INSTRUMENT PANEL ..... 1
1.2 PRESET BAR ..... 1
1.3 TUNER ..... 2
**2 MAIN PANEL ..... 2**
2.1 OVERVIEW OF MAIN PANEL ..... 2
2.2 ARTICULATIONS & POLY LEGATO ..... 3
2.2.1 ARTICULATION LIST ..... 3
2.2.2 PINCH HARMONIC ..... 3
2.2.3 SUSTAIN & ACCENT ..... 4
2.2.4 NATURAL HARMONIC ..... 4
2.2.5 PALM MUTE ..... 4
2.2.6 SLIDE IN & SLIDE OUT ..... 4
2.2.7 LEGATO SLIDE (POLY LEGATO) ..... 5
2.2.8 HAMMER-ON & PULL-OFF (POLY LEGATO) ..... 5
2.2.9 SLIDE GUITAR ..... 6
2.2.10 DOUBLED KEYSWITCHES ..... 6
2.3 SOUND MODE ..... 7
2.4 DOUBLED GUITARS ..... 7
2.5 RICH FINGERING SOUND ..... 7
2.6 CAPO ..... 7
2.7 POSITION MODE ..... 7
2.8 OPEN STRING FIRST ..... 8
2.9 PLAY MODE ..... 8
2.10 AUTO LEGATO MODE ..... 8
2.11 STROKE NOISE ..... 8
2.12 VIBRATO WHEEL ..... 8
2.13 STRING ASSIGNMENT AND POSITION ASSIGNMENT ..... 9
2.13.1 STRING ASSIGNMENT ..... 9
2.13.2 POSITION ASSIGNMENT ..... 9
2.14 FX SOUND GROUP ..... 10

2.15 NOTE REPEATER ..... 10
2.16 HOLD PEDAL TOGGLE ..... 10

# 1 Instrument Panel

## 1.1 Overview of Instrument Panel




| | |
|---|---|
| 1. | Sample Library Switch |
| 2. | Preset Bar |
| 3. | Tuner |
| 4. | Position Assignment |
| 5. | Note Information |
| 6. | Pick Attack Accentuate Ratio |
| 7. | Pick Attack Accentuate Ratio Humanization |
| 8. | String Assignment Display |

## 1.2 Preset Bar

There are four buttons: Previous , Next , Play , and Save ..

Clicking the preset name text box will open the preset file list window.

## 1.3 Tuner

You can tune every string by turning its corresponding tuner, 2 semitones down at most.




# 2 Main Panel

## 2.1 Overview of Main Panel




| | |
|---|---|
| 1. | Articulations |
| 2. | Sound Mode |
| 3. | DI Volume |
| 4. | Stereo Volume |
| 5. | Master Volume |
| 6. | Pan |
| 7. | Doubling Toggle & Width |
| 8. | Capo |
| 9. | Position Mode |
| 10. | Release Sound Gain |
| 11. | FX Sound Gain |
| 12. | Fingering Sound Toggle & Gain |
| 13. | Play Mode |

| |
|---|
| 14. Open String First Toggle |
| 15. Auto Legato Mode |
| 16. Stroke Noise Toggle |
| 17. Bend |
| 18. Vibrato Wheel |
| 19. String Assignment & Position Assignment |
| 20. FX Sound Group |
| 21. Strum Mode Keyswitch |
| 22. Auto Legato Mode Keyswitch |
| 23. Note Repeater |
| 24. FX Sound Group 2 |
| 25. Open String First Keyswitch |
| 26. Position Mode Keyswitch |
| 27. Hold Pedal Toggle |

# 2.2 Articulations & Poly Legato

## 2.2.1 Articulation List

| Abbr. | Full Name | Keyswitch | Range |
|---|---|---|---|
| PH | Pinch Harmonic | B-1 | E1-D5 |
| Sus | Sustain & Pop | C0 | E1-D5 |
| NH | Natural Harmonic | C#0 | E1-B4 |
| PM | Palm Mute | D0 | E1-D5 |
| SIO | Slide In & Slide Out | D#0 | F#1-D5 |
| LS | Legato Slide (Poly Legato) | E0 | F1-D5 |
| HP | Hammer-On & Pull-Off | F0 | E1-D5 |
| SG | Slide Guitar | F#0 | F#1-D5 |

## 2.2.2 Pinch Harmonic

Keyswitch is B-1.

## 2.2.3 Sustain & Accent

Keyswitch is C0.

- Notes with velocity <127 trigger a sustain note.
- Maximum velocity (127) triggers Pop or Pinch Harmonic (depending on the Settings).

## 2.2.4 Natural Harmonic

Keyswitch is C#0.

## 2.2.5 Palm Mute

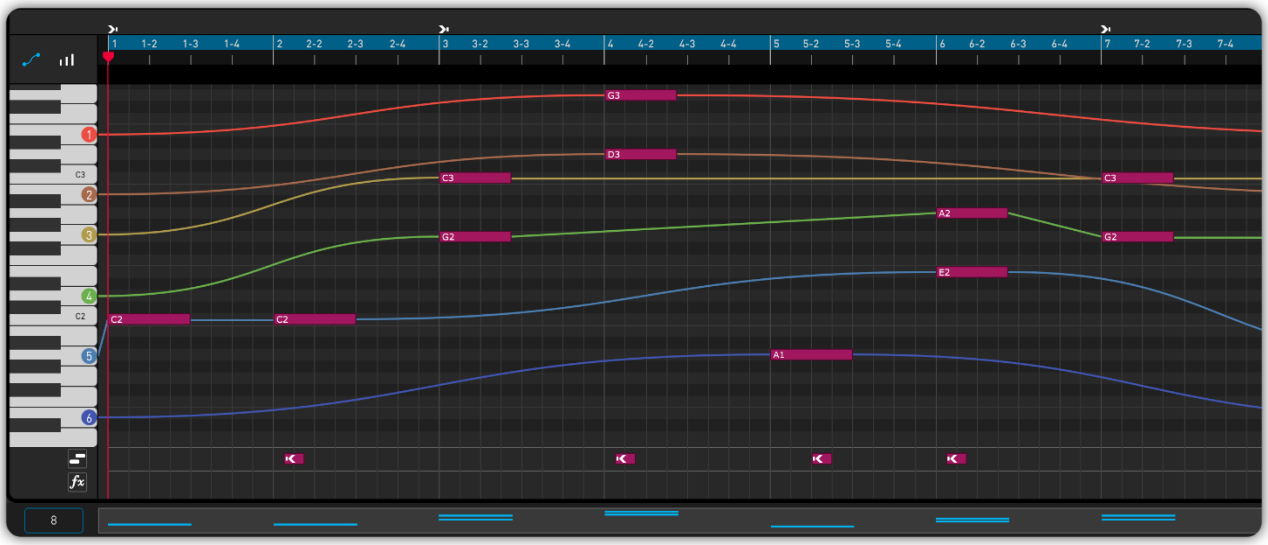
Keyswitch is D0.

Lower the velocity, greater the mute depth.

## 2.2.6 Slide In & Slide Out

Keyswitch is D#0.

- Press D#0 then play a note (above fret 2) will trigger Slide In.
- Press D#0 while a note (above fret 3) is playing will trigger Slide Out.
- Reverts to Sustain automatically.



## 2.2.7 Legato Slide (Poly Legato)

Keyswitch is E0.

- Press E0 then play two overlapping notes will trigger slide between the notes.
- Support controllable slide speed (by note velocity) and intervals.
- Reverts to previous articulation automatically after slide.
- E0 with high velocity will change position. Otherwise the position will not be changed by slide.



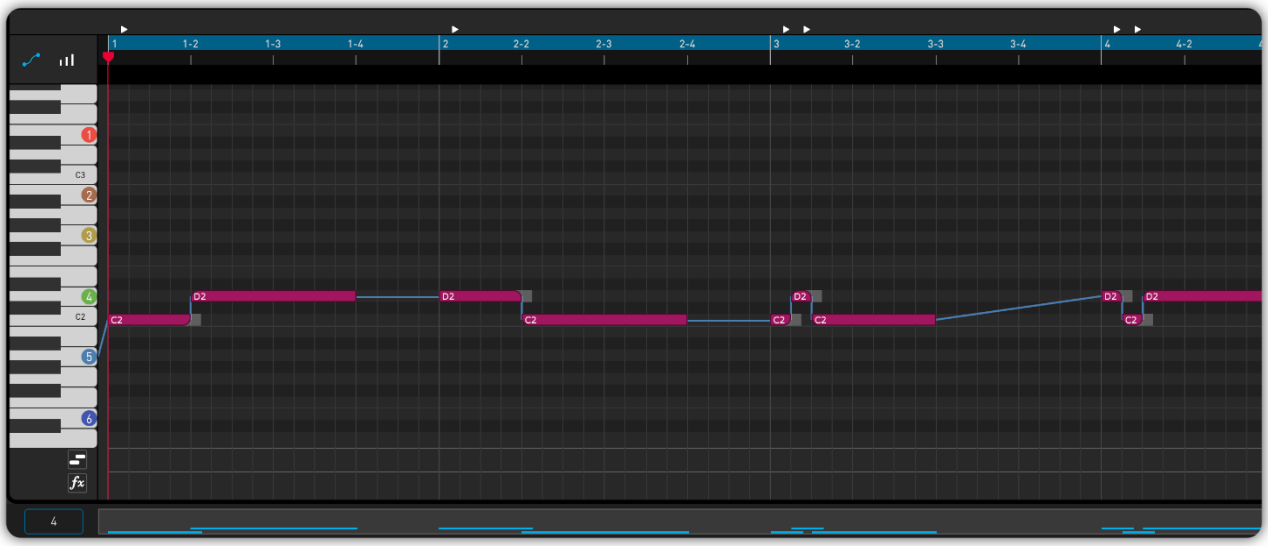
**Poly Legato:** Play multiple start notes on different strings at the same time, then play a higher or lower destination note. All start notes on different strings will trigger slides of the same interval, performing polyphonic legato.

**Slide Smoother:** For slides over two frets, the destination note's velocity determines the slide speed. Higher the velocity, faster the speed.

## 2.2.8 Hammer-On & Pull-Off (Poly Legato)

Keyswitch is F0.

- Press F0 then play two overlapping notes will trigger HP between the notes.
- Reverts to previous articulation automatically after HP.
- F0 with high velocity will change position, otherwise the position will not be changed by HP.




**Poly Legato:** Play multiple start notes on different strings at the same time, then play a higher or lower destination note. All start notes on different strings will trigger HP of the same interval, performing polyphonic legato.

## 2.2.9 Slide Guitar

Keyswitch is F#0.
High velocity triggers a slide ornament.
Low velocity triggers a sustained slide note.

## 2.2.10 Doubled Keyswitches

Pressing two articulation keyswitches simultaneously will combine both articulations in performance.
C0 and D0 pressed together: Notes of high velocity will be Sustain and notes of low velocity will be Palm Mute.

* If you have questions about articulations or legato techniques, it is recommended to use Riffer for MIDI creation and editing. Once finished, simply drag Riffer directly into the host' s MIDI track.

## 2.3 Sound Mode

Mono and Stereo DI modes are available.

1.  Stereo
2.  DI

## 2.4 Doubled Guitars

Two guitars (left and right) can trigger different samples. The knob adjusts the stereo width between the two guitars.

## 2.5 Rich Fingering Sound

Simulates the variety of fret noises that naturally occur during real performance.
FR: Noise of fingers releasing from the string.

## 2.6 Capo

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

## 2.7 Position Mode

Two position modes are available:

1. 
   Melody Mode: Covers three octaves, suitable for melodic playing.
   Keyswitch: B6 low velocity.
2. 
   Chord Mode: Each position spans five frets, suitable for chord playing.
   Keyswitch: B6 high velocity.

## 2.8 Open String First

E1 A1 D2 G2 B2 and E3 6 notes will be played on open strings.
It can be toggled on with note G#6, High velocity toggles on, Low velocity toggles off.

## 2.9 Play Mode

Instrument Mode:  Constrained by real instrument rules (e.g., two notes on the same string cannot sound simultaneously).

Keyboard Mode:  Not limited by real instrument rules.

Solo Mode:  Allows only monophonic playing.

Power Chord (Fifth) Mode:  Plays the root and the fifth simultaneously.

Octave Mode:  Plays the root and the octave simultaneously.

* Keyboard Mode and Solo Mode will both disable automatic legato.

## 2.10 Auto Legato Mode

There are 3 modes: Automatic Slide; Automatic Hammer On and Pull Off; Off.
*High velocity D#6 turns on Automatic Slide mode; Low velocity D#6 turns on Automatic Hammer-On & Pull-Off mode.

## 2.11 Stroke Noise

A strummed noise will be generated automatically for polyphonic notes.

## 2.12 Vibrato Wheel

The default is Auto Vibrato Mode.
To change parameters such as vibrato depth or speed, adjust them in Settings.

When the vibrato depth in Settings is set to ≥ 0.75, a vibrato noise will be triggered.

## 2.13 String Assignment and Position Assignment

### 2.13.1 String Assignment

Specify a string to be played. G0-C1 correspond to 6th string-1st string. High velocity String Force will affect fret position，while low velocity will not.

### 2.13.2 Position Assignment

Switch to a fret position manually. A yellow line will be displayed after pressing C#1, notifying the notes that represent positions from 0 and up, then press the position note (E1-A#2) to switch to a particular position.

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



## 2.14 FX Sound Group

| Note | FX Sound |
|---|---|
| F5 | Scratch |
| F#5 | Slap |
| G5 | Muting |
| G#5 | Strum Mute |
| A5 | Downstroke Noise 1 |
| A#5 | Upstroke Noise 1 |
| B5 | Downstroke Noise 2 |
| C6 | Upstroke Noise 2 |
| E6 | Raking |
| F6 | Pick Scrape |
| F#6 | FX Slide Turn |
| G6 | FX Slide Down |

## 2.15 Note Repeater

Press D6 to repeat notes being played. Multiple notes are supported.

## 2.16 Hold Pedal Toggle

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