

XTONE

SMART STOMP

User Manual

XSONIC

RELOAD YOUR TONE

www.xsonic.cc

**Visit the website to learn more or
download the driver for windows**

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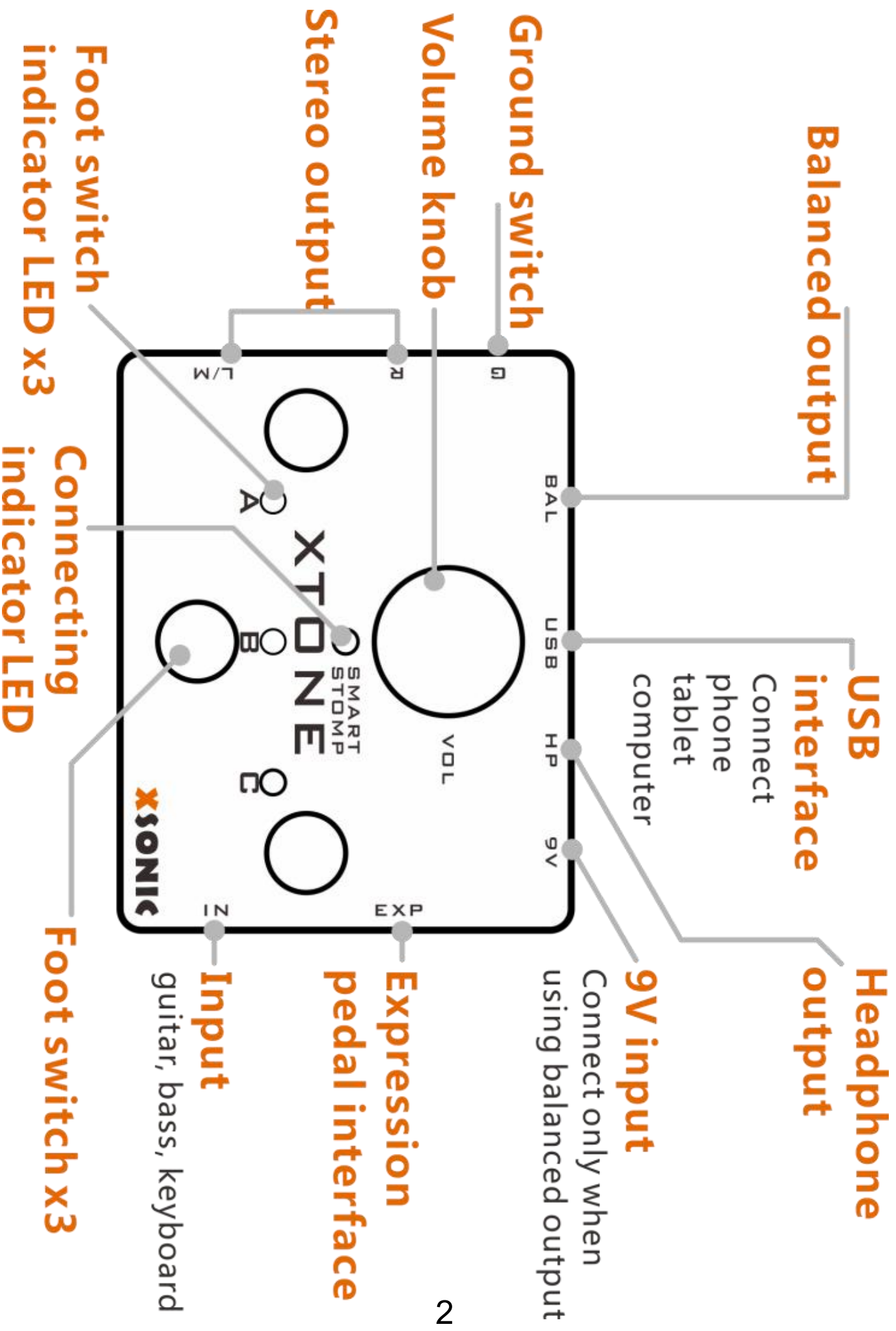
Quick Start

- a. Connect the smart device and the XTONE connecting indicator LED lights up;
- b. Open the effect APP and complete the settings;
- c. Connect your guitar, bass, keyboard;
- d. Connect the headphone or speaker, then adjust the volume;
- e. Rock out !

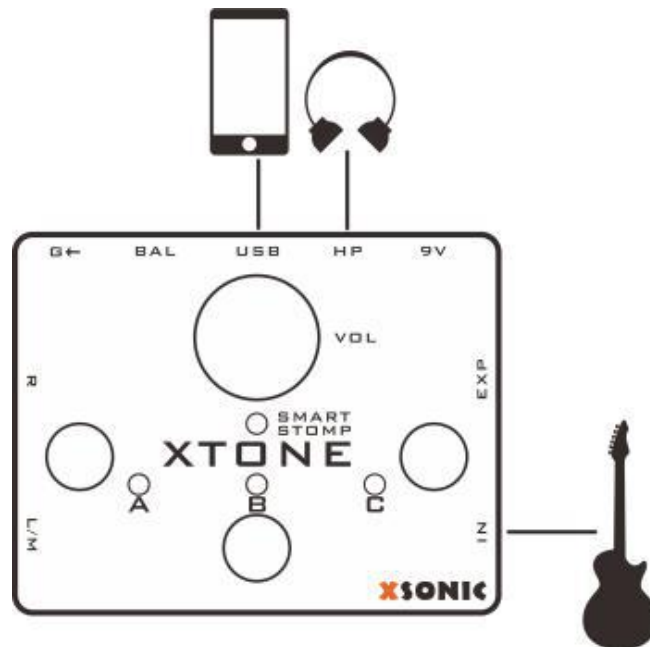
XTONE is a high-performance audio interface, but we prefer to call it smart stomp.

XTONE offers 192KHZ sampling rate for ultra HD audio. It also has foot switch and expression pedal. You can switch the presets, control the wah-wah and so on.

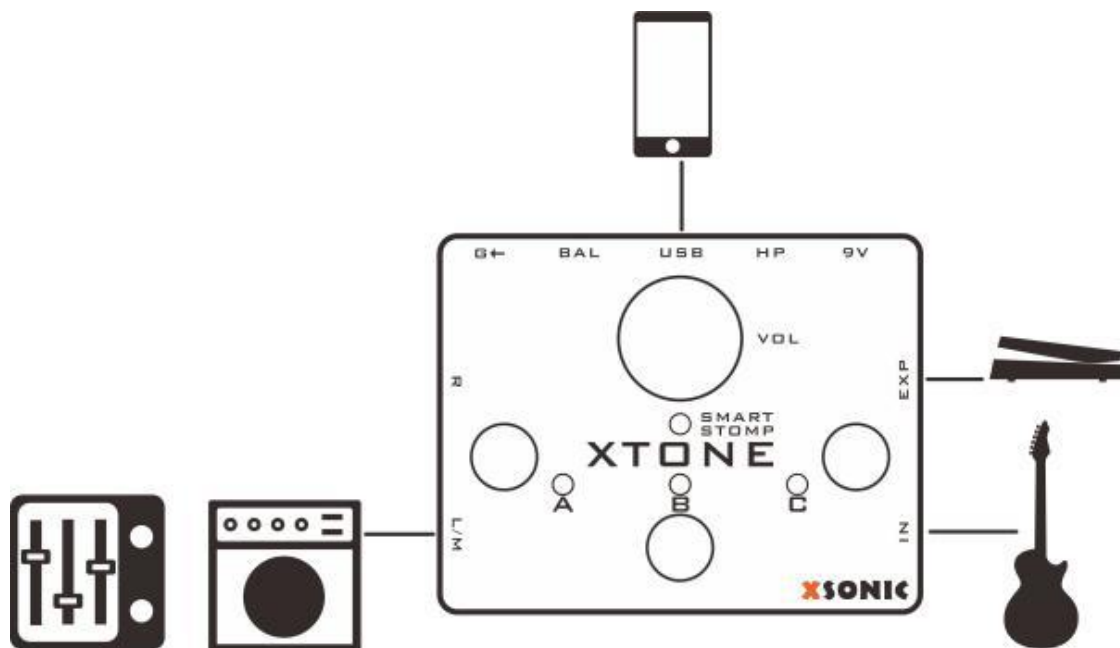
You can use XTONE to replace the traditional digital effects, The APP of running on the smart device has more top tones and more powerful additional features. Recommended APP: JamUp, BIAS, BIAS FX.



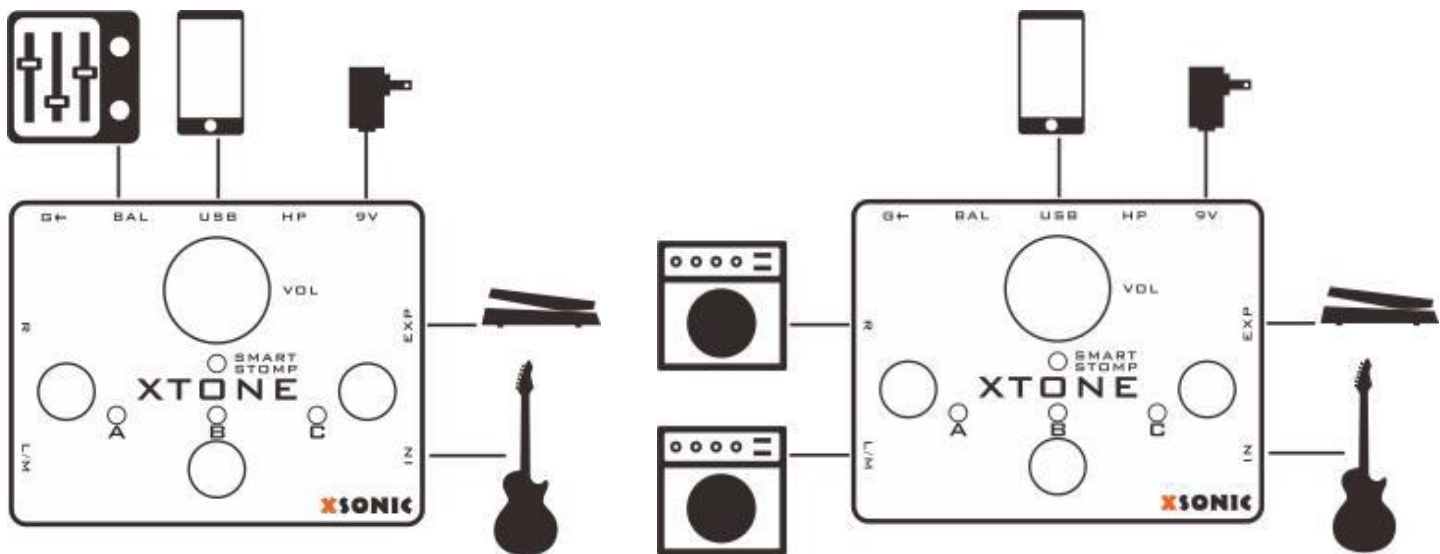
Connection Example



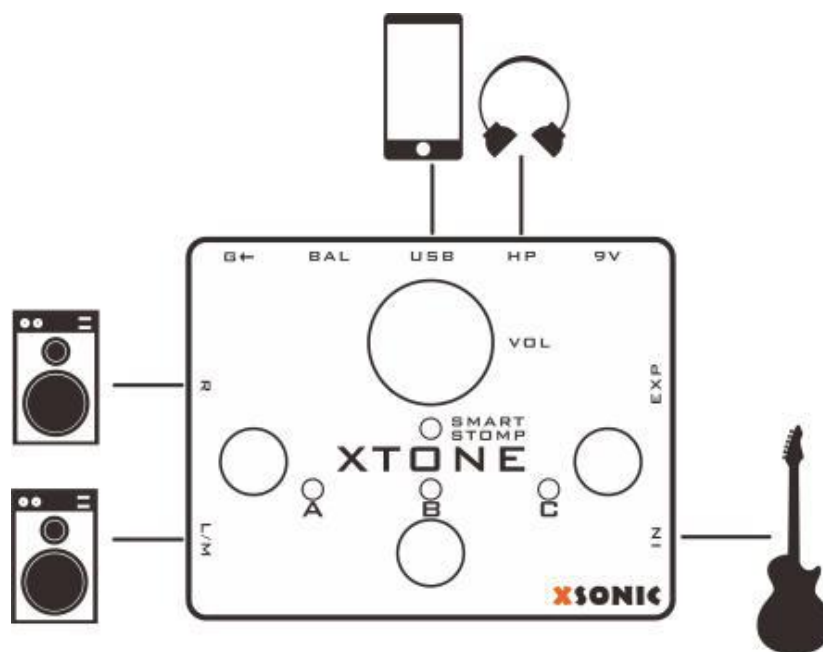
Practice yourself



Band rehearsal



Live performance



Recording

Effect APP

XTONE can connect all kinds of effect APP on the smart device. They have more top tones and richer features, give you more creative inspiration and the desire to play.



Commonly Used APP

APP	Supported devices
JamUp	iOS
BIAS FX	iOS,Windows,Mac
BIAS	iOS,Windows,Mac
Guitar Rig	Windows,Mac
AmpKit	iOS,Mac
Revalver	Windows,Mac
AmpliTube	iOS,Windows,Mac,Android
Mobile POD	iOS
POD Farm	Windows,Mac
Overloud TH2	Windows,Mac

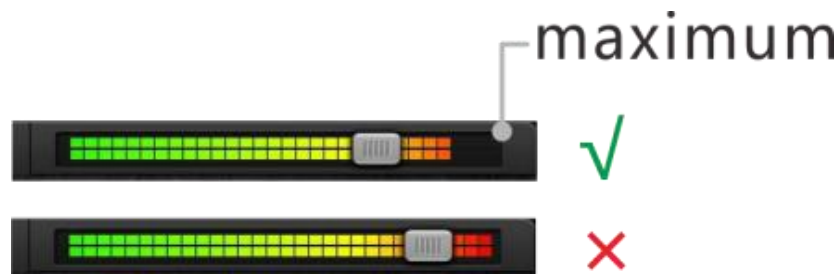
Usually, the first time you use the effect APP, you need to set its audio parameters, see the method behind.

Use the foot switch and the expression pedal, need to specify their function in the APP, see the method behind.

Effect APP Settings

In order to get a better experience, you should set the APP to the best match with XTONE.

First, You should observe the total volume of the APP instructions, this indicator can not meet the maximum.



We use JamUp and Guitar Rig as an example to explain the setting method, other APP can refer to them.

JamUp Adjust the output volume, the maximum should not exceed -3.0dB



Settings

Done

Background Audio Mode

On >

Set to on

Knob Gesture

Auto Detect >

Input Channel

Left Channel >

Set to Left Channel

Output Selector

Headphone >

Ultra Low Latency

On >

Set to on

Preset Backup

>

Settings

Done

Log in Share Account

>

Registered account download the shared tone

Sign Up

MIDI Setting

>

Go to MIDI settings

Enable AirTurn™ Pedal

☐

< Settings

MIDI Setting

Enable MIDI Control

☒

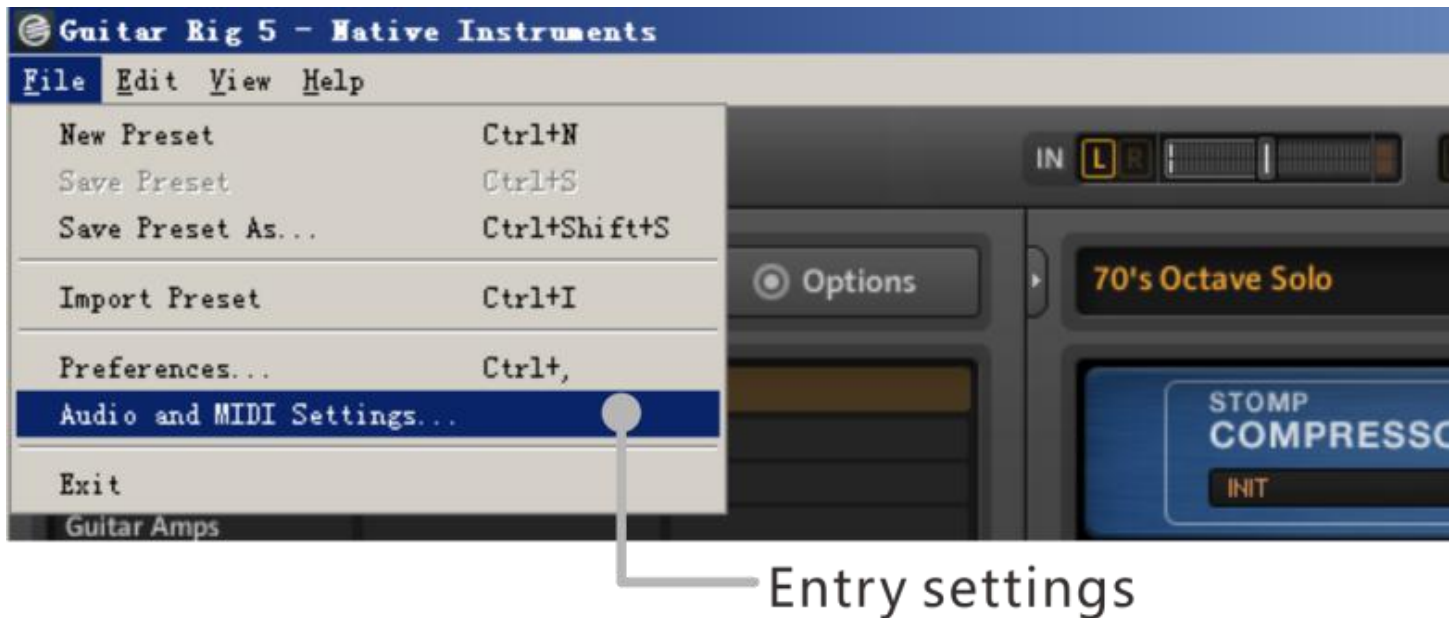
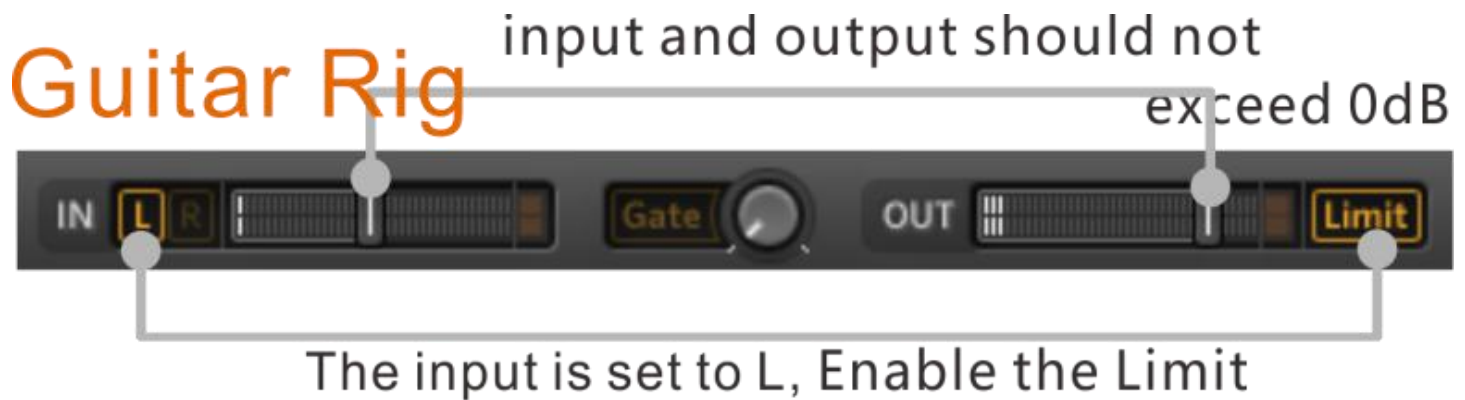
Enable MIDI control

MIDI Control Assignments ...

Specify the foot switch and pedal's function

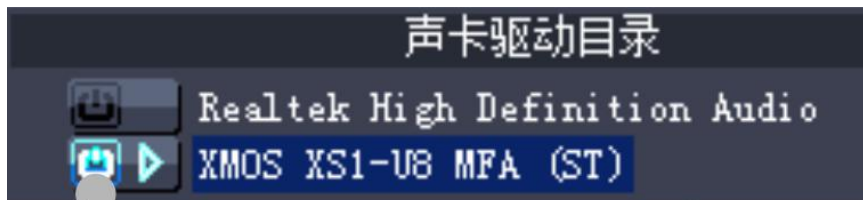
MIDI channel

All channel >

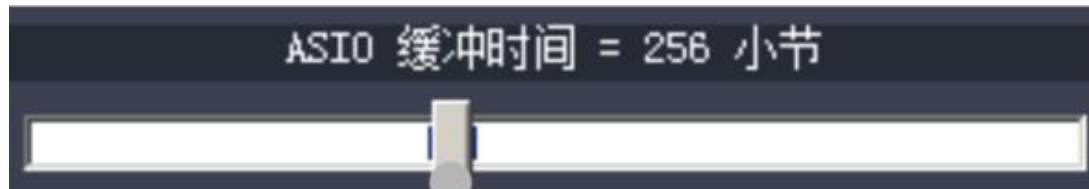


The appropriate sampling rate and buffer time should be configured in the following items as required. Recommended configuration (sampling rate / buffer time): 44100/128; 48000/128; 88200/256; 96000/256; 176400/512; 192000/512;

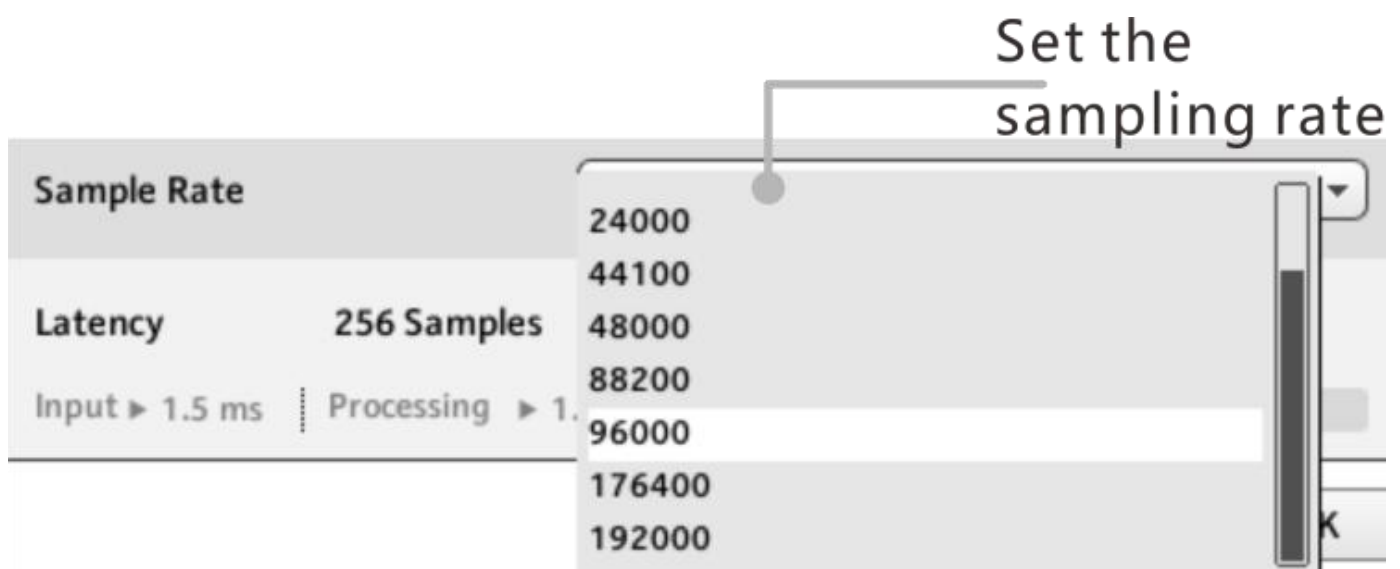




you must use asio4all
and select this device



Set the buffer time



Set the
sampling rate



Enable MIDI control

Foot Switch and Expression Pedal

XTONE has 3 foot switches and 1 expression pedal interface for playing control. When using them, XTONE will send MIDI commands to the smart device.

After you specify their functions in the APP, You can switch the presets, toggle the pedal, open the tuner, start the recorder, start the looper, control the output volume, wah-wah, delay time and so on.

The expression pedal recommended ZOOM FP02M.



MIDI Control Group

XTONE has three MIDI control groups, long press A, B, C foot switch can be switched to the corresponding group, different groups show different LED colors: **A group - green; B group - blue; C group - red.**

Each group corresponds to a different set of MIDI control commands, press the foot switch or the expression pedal, XTONE will send the corresponding MIDI commands to the APP.

Each MIDI control group sends 4 control commands, foot switch 3, expression pedal 1. Before use, specify the function of the foot switch and expression pedal of each MIDI control group in APP.

The following lists the MIDI values corresponding to the foot switch and the expression pedal in the three MIDI control groups.

A group - green		B group - blue		C group - red	
FS A	CC 10	FS A	CC 22	FS A	CC 30
FS B	CC 20	FS B	CC 24	FS B	CC 43
FS C	CC 11	FS C	CC 25	FS C	CC 42
EXP	CC 7	EXP	CC 4	EXP	CC 1

XTONE has specified the function of foot switch and expression pedal for JamUp user, as shown below, can be used directly. Of course, users can also specify other functions.

A group - green		B group - blue		C group - red	
FS A	Preset -	FS A	Toggle STOMP	FS A	Play/Stop Jam Player
FS B	Toggle selected effect	FS B	Toggle MOD	FS B	Start/Stop dub
FS C	Preset +	FS C	Toggle DLY	FS C	Play/Stop Sampler
EXP	Volume	EXP	wah-wah	EXP	pitch shifter

MIDI Control Mode

XTONE has 3 control modes, press A+B switch to mode 1, press A+C to mode 2, press B+C to mode 3. When the switch is successful, **mode 1 blinking green, mode 2 blinking blue, mode 3 blinking red.**

Different APP may use different control modes, If you find an abnormality when using foot switch, you should try switching to the other two control modes.

mode 1 , For JamUp, BIAS FX, AmpKit, AmpliTube (Windows), etc..

mode 2 , For Guitar Rig(Disable Hold Mode)、AmpliTube(iOS), etc..

mode 3 , Not much use, only used for toggle single pedal in APP such as Guitar Rig (Enable Hold Mode), AmpliTube (iOS), ToneStack.

The different functions of the same APP may also use different control modes, such as AmpliTube (iOS), ToneStack, use mode 2 for preset switching, using mode 3 to toggle single pedal.

In addition, when the Guitar Rig is in the Disable Hold Mode, only use the mode 2 can complete all of the control.

Mode 1 blinking green	Mode 2 blinking blue	Mode 3 blinking red
Press A+B	Press A+C	Press B+C
For JamUp、BIAS FX、AmpKit+、AmpliTube(Win dows)	For Guitar Rig、AmpliTube(iOS)、ToneStack	For some APP's toggle pedal function

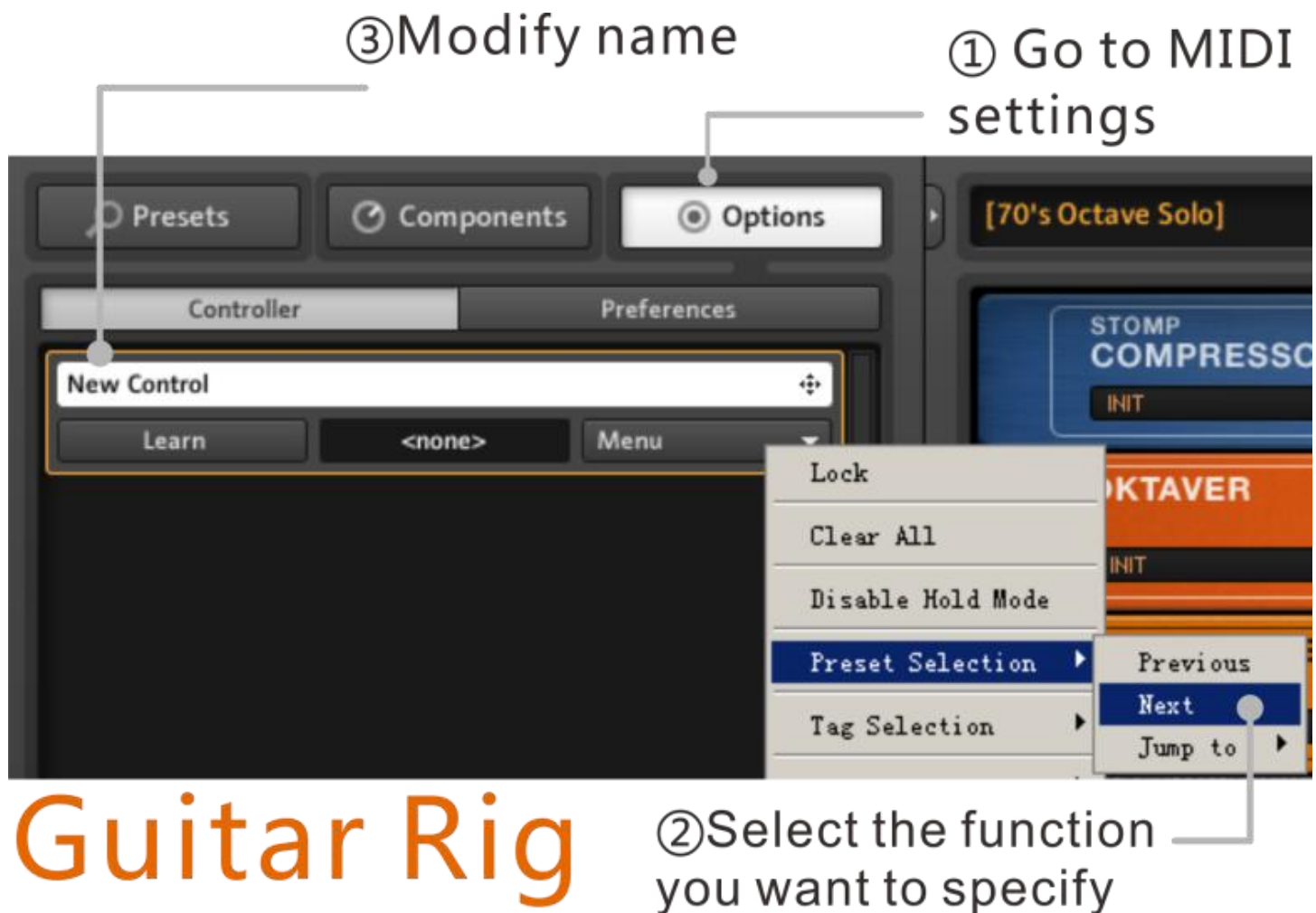
Note: The control groups and control modes remain in the previous state after the next power-up.

Specify MIDI Function

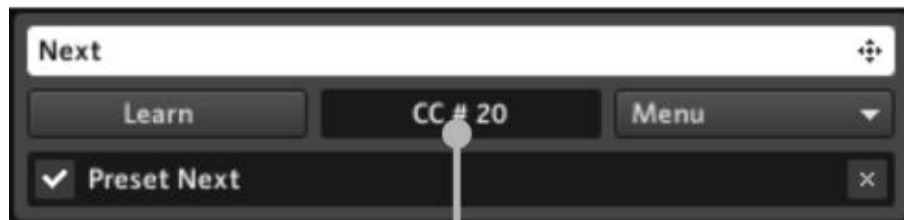
Most of the APP has a MIDI control function, to make the foot switch and expression pedal control the APP, you need to specify their functions in the APP's midi control function list.

Take Guitar Rig and JamUp as an example, and other APPs refer to this.

When using the Guitar Rig, set the MIDI control mode to "Mode 2"; use "Mode 1" when using JamUp;



④ Click Learn to enter the MIDI learning state



⑤ Press foot switch to complete the assignment

⑦ Click on the Lock to lock the control



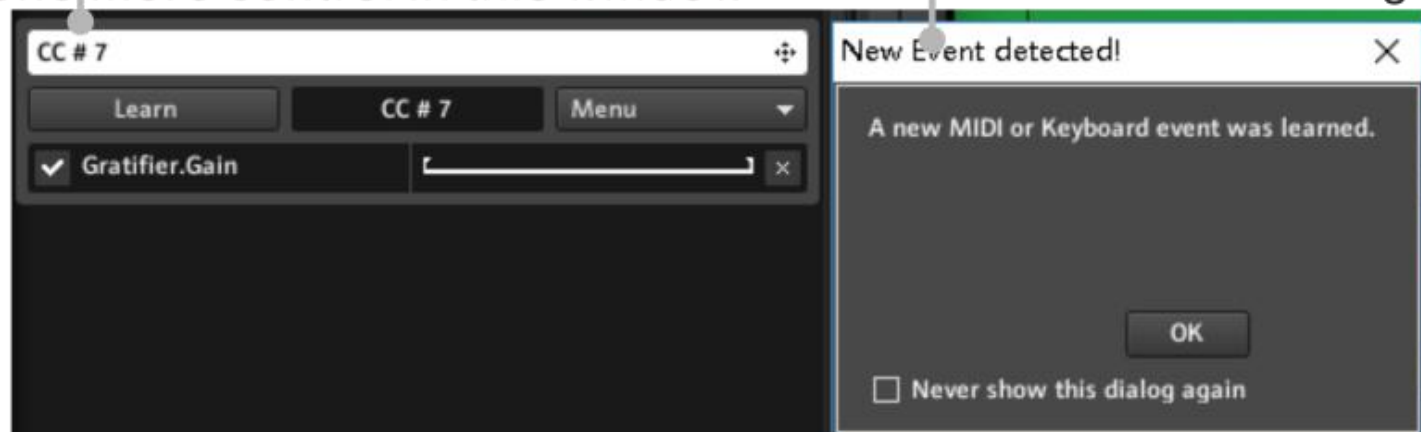
⑥ Click Disable Hold Mode
Turn it into Enable Hold Mode

① You can also right-click any knob / switch / button, and then click Learn, Then step on the expression pedal



③ At the same time, there is one more control in this window

② Pop up this dialog to show success in learning



⑤ Click on the Lock to lock the control



④ Click Disable Hold Mode
Turn it into Enable Hold Mode

The image shows two screenshots from the JamUp app. The top screenshot is the 'MIDI Setting' screen, which has a 'Settings' back button and a title bar. It contains three settings: 'Enable MIDI Control' with a green toggle switch, 'MIDI Control Assignments ...' with a right arrow, and 'MIDI channel' set to 'All channel' with a right arrow. The bottom screenshot is the 'MIDI Assignments' screen, featuring a 'Done' button, an 'Edit' button, and a list of assignable functions. The list includes 'Add New Control Assignment...', 'Toggle FX/Amp on the signal path', 'Preset' (with a sub-label 'Switch to previous/next preset'), 'PRESET +' (with a sub-label 'Switch to next preset'), and 'PRESET -' (with a sub-label 'Switch to previous preset'). Below this is the 'Choose Control Source' screen, which has a 'Cancel' button and a 'MIDI Learn' button. It displays three assignments: 'Switch to previous preset' assigned to 'CC 10', 'Switch to next preset' assigned to 'CC 11' (with a checkmark icon), and 'Toggle metronome on/off' assigned to 'CC 15'. A 'CC 11 detected' status is shown next to the third assignment. Numbered annotations 1 through 5 point to specific UI elements: 1 points to the 'MIDI Control Assignments ...' button; 2 points to the 'Add New Control Assignment...' button; 3 points to the 'Preset' and 'PRESET +/-' items; 4 points to the 'MIDI Learn' button; and 5 points to the 'Switch to next preset' assignment.

MIDI Setting

- Enable MIDI Control ☒
- MIDI Control Assignments ... ①Enter
- MIDI channel All channel >

MIDI Assignments

Done Edit

- Add New Control Assignment... ②Enter
- Toggle FX/Amp on the signal path
- Preset > ③Select the functions that need to be controlled
Switch to previous/next preset
- PRESET +
Switch to next preset
- PRESET -
Switch to previous preset

Choose Control Source

Cancel

- MIDI Learn ④Click Learn and press the foot switch
- Switch to previous preset CC 10
- Switch to next preset ☒ CC 11 ⑤Specify success
- Toggle metronome on/off CC 11 detected CC 15

Note: In many APP, long press or right click on the view of the knob / switch / button, will pop up a dialog box for MIDI function specified.

Install Driver

Windows devices need to install the driver, please visit www.xsonic.cc to download the driver.

There are two installation files in the driver package, "XTONE-Driver.exe" and "ASIO4ALL.exe", all must be installed.

If XTONE connecting indicator LED is on, it indicates that the driver is installed successfully.

After the installation is successful, as shown below.



Note: You must use ASIO4ALL as the main driver.

Other Use

You can find more professional and interesting audio APP on the smart device, they can bring you unlimited creative inspiration.

Use GarageBand

GarageBand is Apple's music application, powerful. You can use it for your impromptu music, but also can record the whole process down. With inspiration, start playing anytime!

One Person's Band

Many APP have LOOP function, combined with XTONE foot switch, you can add redundant LOOP recording.

HIFI Music Player

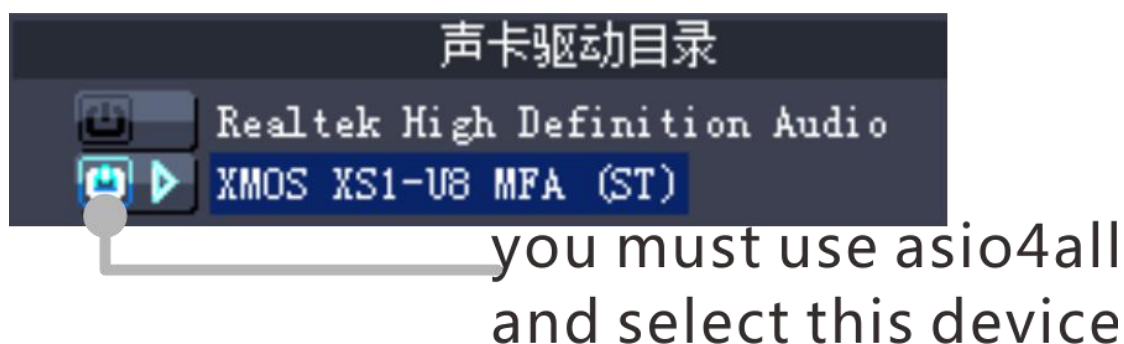
XTONE audio quality has reached the professional level, you can use it to play HIFI music, connect your HIFI headphones or other HIFI equipment.

Need you to explore more ways to play...

Common Problem

An exception occurs while using Windows devices

You need to install the driver under the Windows device, and you must use ASIO4ALL as your main driver, otherwise it is prone to various unforeseen problems.



Control abnormal when using foot switch

XTONE has 3 MIDI control modes. If the 1 modes are abnormal, you should try to switch to the other 2 modes. Switch method refer to the corresponding chapter.

Connect balanced output, no sound

With balanced output, the 9V power adapter must be connected, otherwise the balanced output interface will not output the audio signal.

Compatible Device

iOS device: iPhone X, iPhone8, iPhone 7 Plus, iPhone 7, iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone SE, iPhone 5s, iPhone 5c, iPhone 5, iPad Air 2, iPad Air, iPad mini 4, iPad mini 3, iPad mini 2, iPad mini, iPad Pro, iPad (3rd and 4th generation), iPad 2, iPod touch (5th and 6th generation);

Windows device: Windows 7, Windows 8, Windows 8.1, Windows 10;

Mac device: OS X 10.6 and above;

Android device: Supports devices with Samsung Professional Audio technology such as Samsung Galaxy S6, Galaxy S6 Edge, Galaxy Note 4, Galaxy Note Edge, Galaxy S5, Galaxy Note 3, Galaxy Tab S2, and other devices. At present, Android devices on the APP less, only known AmpliTube support Android devices;

Parameters

Input impedance: 1M ohms ;

Unbalanced output impedance: 100 ohms ;

Balanced output impedance: 200 ohms ;

Frequency response: 10Hz ~ 21kHz;

Sampling Rate: 44.1k,48k,88.2k,96k,176.4k,192kHz ;

Sampling depth: 16bit,24bit ;

Dynamic Range: 118dB ;

THD+N: 0.001% ;

USB Power input: 5V DC ;

9V Power input: 9V DC 

Power consumption: 100mA ;

Dimensions: 129mm(D) x 98(W) x 54mm(H) ;

Weight: 355g ;

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