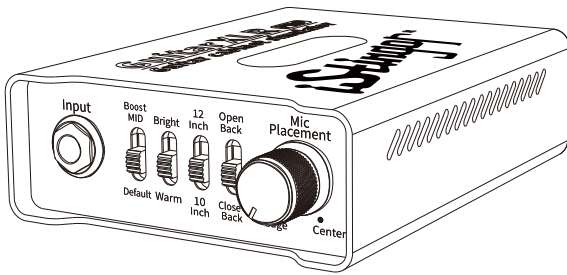




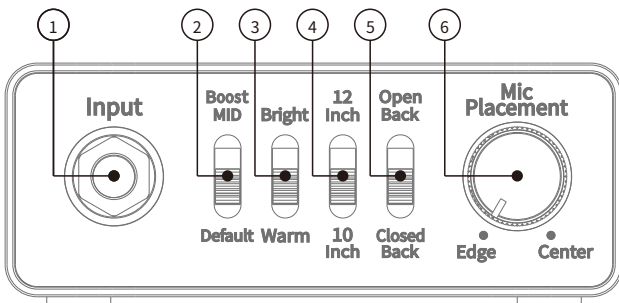
GuitarXLR pro Owner's Manual



GuitarXLR PRO Guitar cabinet simulator

Please read this manual carefully

Front Panel Descriptions



1. Input: This jack accepts input signals (coming from effects unit).

The INPUT jack doubles as the power switch. Power to the unit is turned on when you plug into the INPUT jack; the power is turned off when the cable is unplugged. It is not recommended to plug directly into this jack with a guitar.

2. Mid-frequency Boost Switch

Boost MID ▲ Boosting the mid-frequency adds thickness to the tone.

Default ▼ Default mid-frequency.

3. Tone Mode Selection Switch

Bright ▲ Make the sound tone brighter.

Warm ▼ Make the sound tone warm.

4. Switch for selecting 12-inch and 10-inch speakers

12 Inch ▲ 12-inch speaker.

10 Inch ▼ 10-inch speaker.

5. Open-back or Closed-back speaker Cabinet Selection Switch

Open Back ▲ Open-back speaker cabinet.

Closed Back ▼ Closed-back speaker cabinet.

6. MIC Placement: Set the knob for microphone placement.

Counterclockwise rotation of the potentiometer knob will move the microphone towards the speaker's edge. Clockwise rotation of the potentiometer knob will move the microphone towards the speaker's center.

Thank you for purchasing iStingor® GuitarXLR pro Guitar Cabinet Simulator.

To ensure the proper use of GuitarXLR pro and maximize its potential, please carefully read this manual to understand all the features of the device.

Main Features

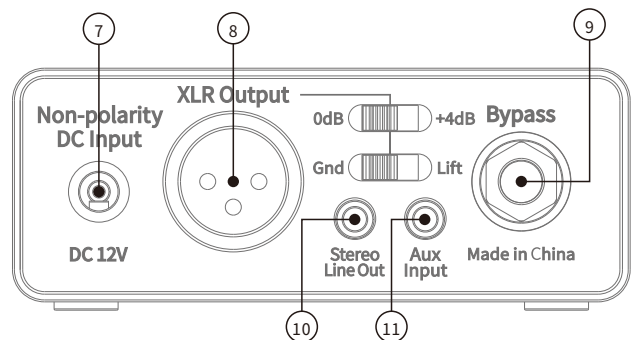
The GuitarXLR pro is a professional-grade cabinet simulator designed to provide guitarists with a portable and convenient way to simulate the frequency response characteristics of a guitar speaker cabinet. It replaces the need for using a microphone to capture the sound of a guitar speaker cabinet in various recording and live performance applications.

Featuring a 100% pure analog circuit design, the signal path from start to finish involves no DSP processing. The signal passes through a series of filters to create the distinctive sound of iStingor. The first-stage amplification utilizes ECC83 tubes, enhancing the warmth and richness of the guitar's sound. Advanced multi-stage filtering networks generate extremely realistic speaker cabinet frequency response characteristics, faithfully reproducing all the nuances and details captured by a microphone on a speaker cabinet.

Every control on the GuitarXLR pro undergoes professional tuning and adjustments to shape a versatile tonal range without compromising the authenticity when fine-tuning the desired cabinet response.

To maximize reliability during usage, this device is equipped with overvoltage protection to prevent damage from the use of non-standard power adapters. The unit also features a power-on/off anti-impact function, ensuring that turning the power on or off will not cause malfunctions or damage to downstream equipment, eliminating any pops or bursts.

Back Panel Descriptions



7. DC Input

Please use a 12V2A DC power supply (please disregard the polarity of the power adapter, as the device will automatically convert it). The overvoltage protection threshold is $13.5V \pm 0.5V$, and exceeding this voltage will trigger the protection mode. After powering on, the device will not immediately enter the working state because the vacuum tube requires approximately 10 seconds of preheating. During this period, input and output signals will be disabled.

8. XLR Output: Balanced output

0dB ◀ ▶ +4dB: Select the output level to match the PA or recording system.

Gnd ◀ ▶ Lift: Select ground or float to eliminate system ground loop noise (this function is only applicable to balanced output).

9. Bypass: This interface is the bypass output of the Input port.

This interface is the bypass output of the Input port, used for connecting to a guitar amplifier.

10. Stereo Line Out

Stereo line output, capable of driving 16-32Ω headphones.

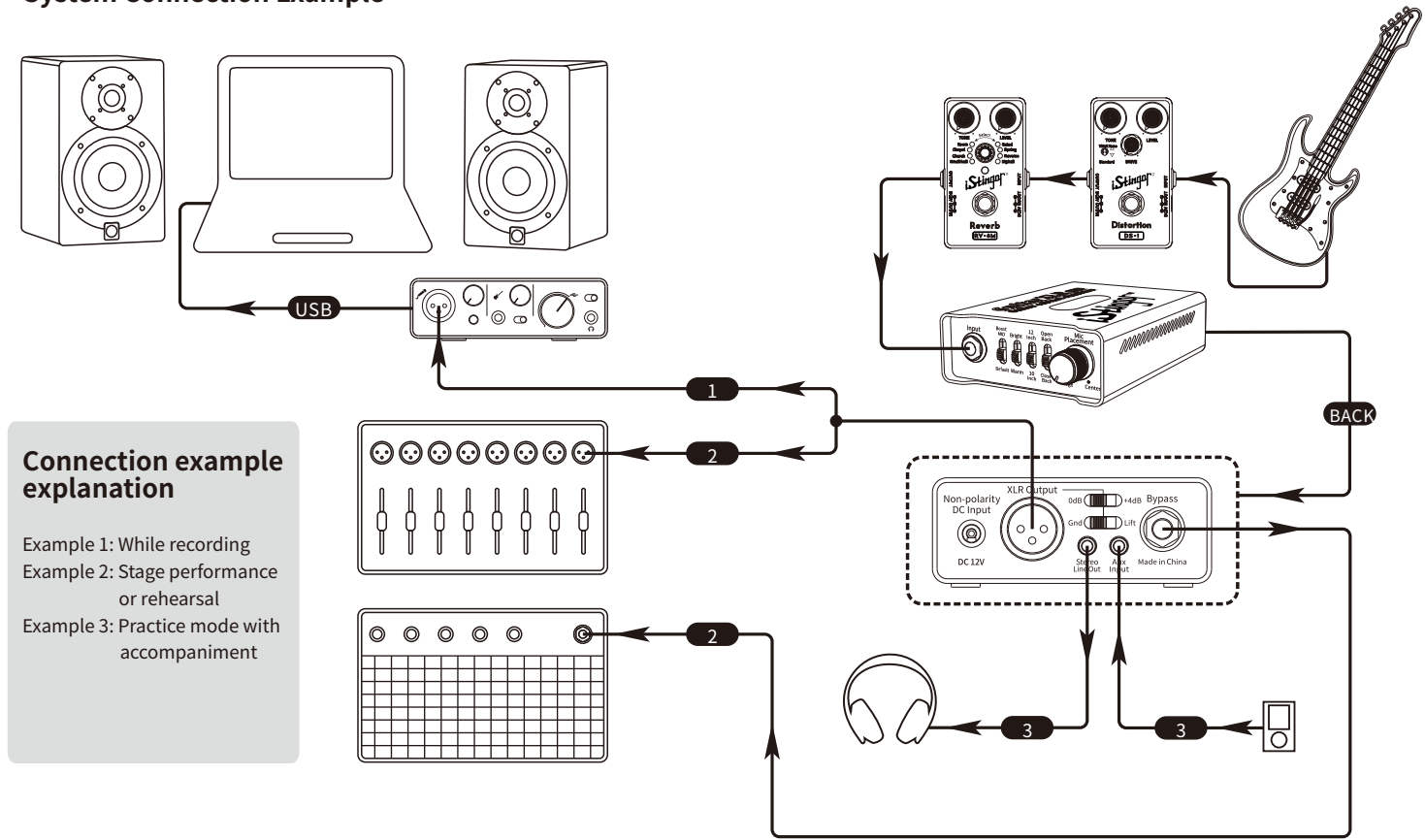
11. Aux Input

Can be used to input accompaniment signals during practice. The accompaniment signal will be mixed with the guitar signal and output from the stereo interface, but will not be mixed with the balanced signal.

Connection Notes

GuitarXLR pro features a power-on/off anti-impact function, theoretically it should not cause malfunctions or damage to the next-level connected devices. However, when using this device, it's common to have other sound processing devices connected before it. To prevent potential damage or malfunction to the devices connected downstream from this device, it's recommended to turn off the power of this device before making any connections. Once all devices preceding this one in the signal chain are connected, you can then power on this device. When shutting down the entire device chain, it is advisable to turn off this device or the next-level device first.

System Connection Example



Connection example explanation

- Example 1: While recording
- Example 2: Stage performance or rehearsal
- Example 3: Practice mode with accompaniment

Other things to note

This device is equipped with vacuum tubes, which means there is a certain amount of heat generated when the device is in operation. Please do not place it near heat sources, ensure good ventilation in the environment, avoid direct sunlight, and do not block the heat vents at the bottom and sides of the device. Blocking these vents may cause malfunctions or damage to the device. Under normal usage with good ventilation and unobstructed heat vents, the heat generated during regular operation will not cause any issues with the device itself.

The working voltage and current for the vacuum tubes built into this device have been optimized, resulting in a normal lifespan of $\geq 50,000$ hours. There is no need to consider replacement under normal usage conditions.

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Main Specifications

Input Impedance	470 k Ω
Auxiliary Input Impedance	10 k Ω
Stereo Line Output Impedance	10 Ω
XLR Output Impedance	1.2 k Ω
Line Output Load Impedance	10 k Ω or greater
Nominal Input Level	-20 dBu
Nominal Output Level	-20 dBu
Signal-to-Noise Ratio	95 dB (1kHz, 0dBu, A-Weighted) ^{Note 1}
Power Supply	AC Adaptor, Output DC12V 2A Transient Current: 1.3A Sustained current: 0.37A $\pm$ 0.01A
Dimensions	97 (W) $\times$ 140 (D) $\times$ 39 (H) mm
Weight	335g
Accessories	Owner's Manual

* 0 dBu = 0.775 Vrms

* All specifications and appearance changes of the product due to updates are subject to change without further notice.

* Note 1: Set the switches on panels 2, 3, 4, and 5 to the bottom position, and place the Mic Placement knob in the middle position.

Owner's Manual for GuitarXLR Pro

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