



MUSONTEK

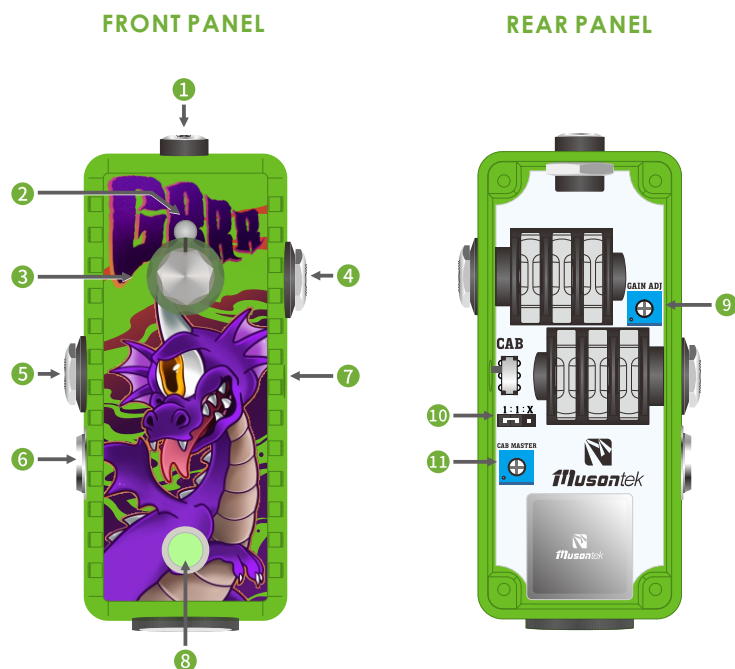
GRRR MONSTER

Boost · Buffer · CAB Sim · D.I Box

USER MANUAL

English
简体中文

Overview



1 DC Input 
9~12V 50mAh DC input(DC005)

2 LED Indicator Light
Working status indicator

3 Volume Control
Controls the master output volume

4 Instrument Input
1/4" (6.35mm) jack input to connect
your instrument (e.g., guitar)
1MΩ input impedance

5 Main Output (Unbalanced)
1/4" (6.35mm) jack output

6 Output(Balanced)
Mini canon output,
600Ω output impedance

7 CAB SIM Switch
This switch is only valid for mini
canon output

8 GND LIFT
When the GND LIFT switch is depressed,
the ground connection is interrupted
Ground lift when the green light is on

9 GAIN ADJ
Standard mode is 0dB Buffer,
Turn right to boost mode
-∞ — 0dB (Buffer mode)
15dB (Boost mode)

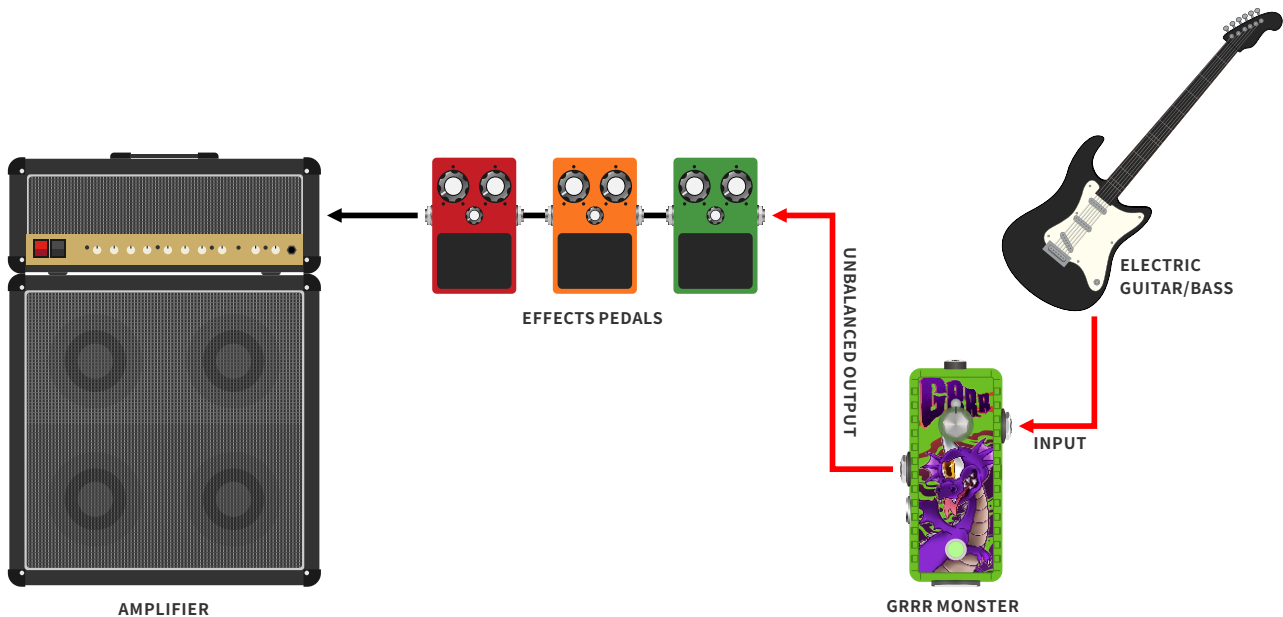
10 Jumper Cap
Default is 1:1, pluggable jumper caps,
Obtain passive signal boost
(balanced output mode)

11 CAB MASTER
Controls the output volume of the CAB Sim

BUFFER Mode

Classic Application 1

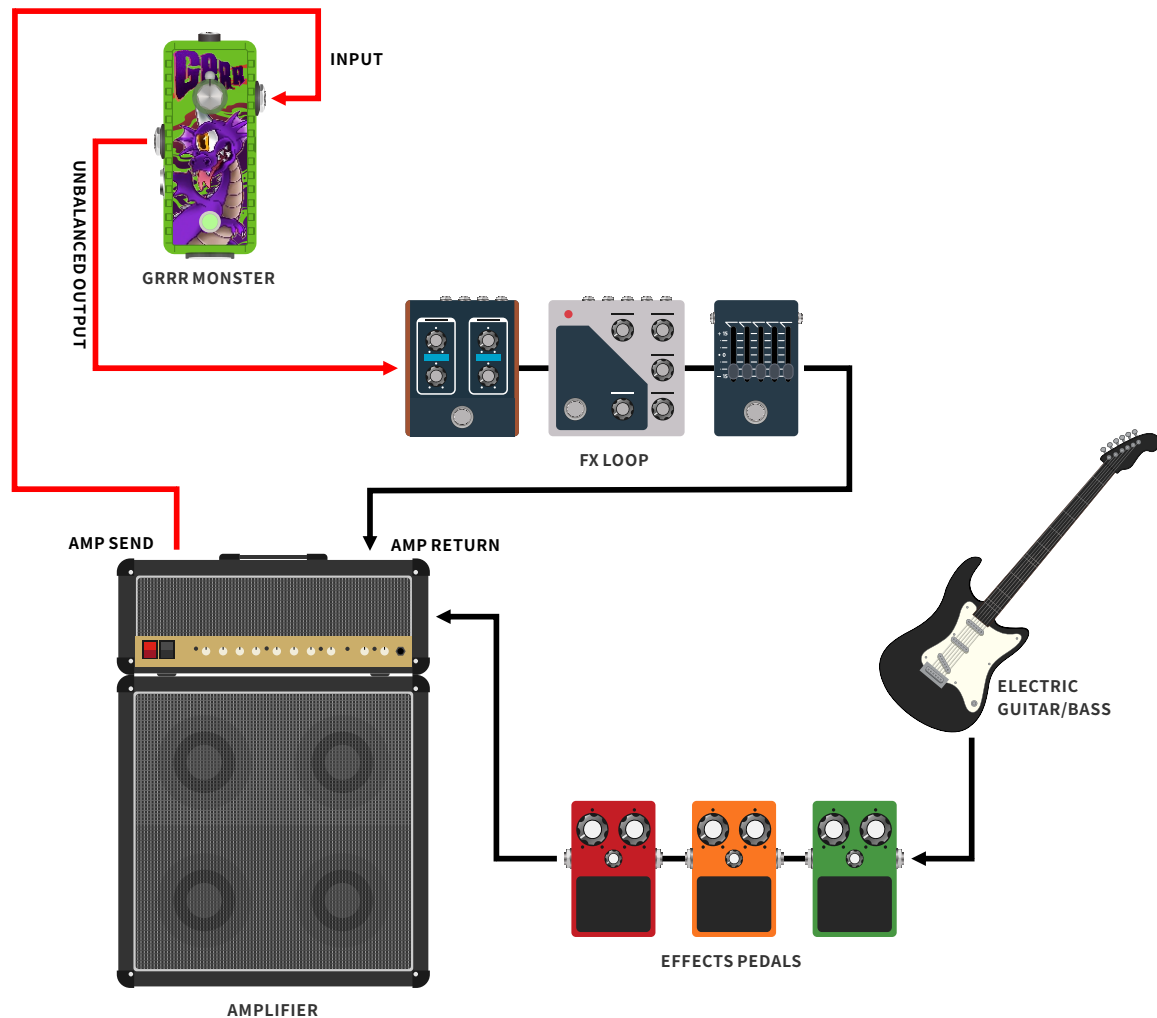
The GRRR's factory setting is Buffer mode, this can be used as a high performance buffer. This matches the impedance between the instrument and the effects, or between the effects and the effects, so that the signal can be transmitted with maximum efficiency, help prevent tone suck.



BUFFER Mode

Classic Application 2

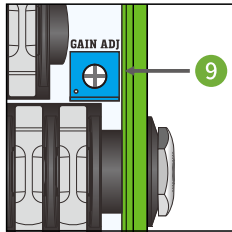
The GRRR's factory setting is Buffer mode, this can be used as a high performance buffer. Impedance matching is not well in the LOOP of tube amplifier heads. At this time, after the GRRR in buffer mode is connected to "SEND", it can be used as a bridge to complete the impedance matching between the LOOP driven by the tube and the peripheral effects.



BOOST Mode

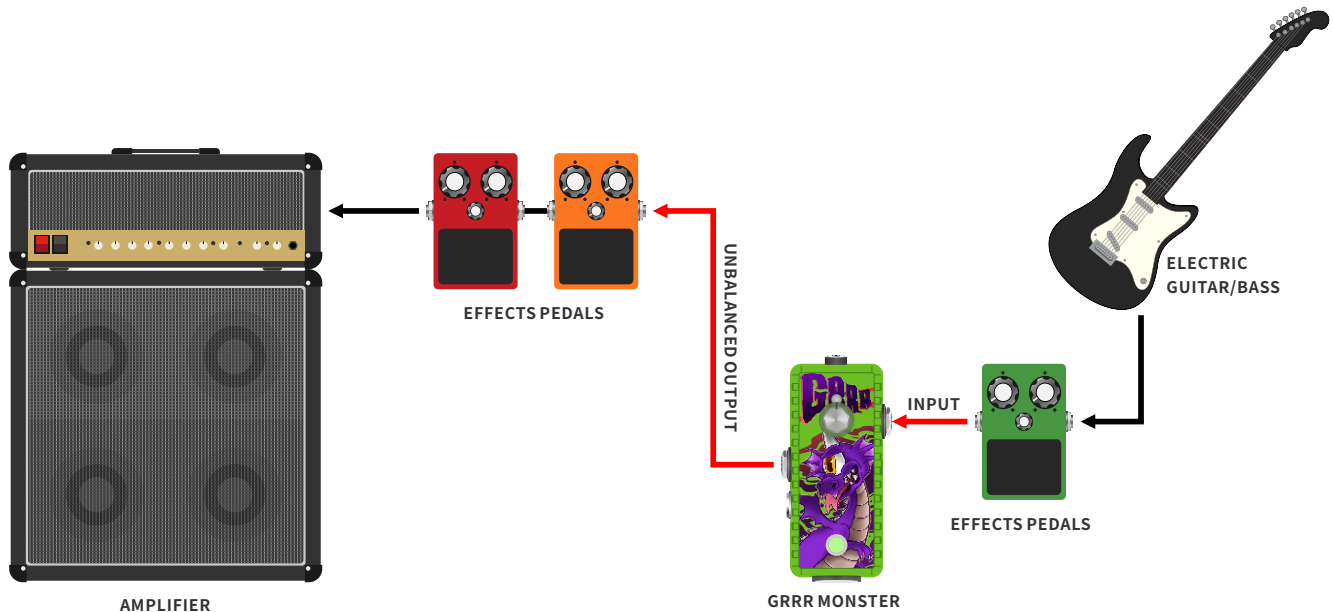
Classic Application 1

The GRRR can be set to BOOST mode to act as a clean boost. It can be connected in front of any device that needs boost for a juicy tone.



To set the GRRR to BOOST mode, you need to remove the base plate of the device first. adjust the GAIN ADJ BIAS as shown in the picture to BOOST mode by turning it clockwise for gain adjustment.

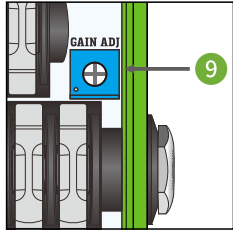
When the input voltage is 12V, the maximum PURE Clean Boost is +15dB.



BOOST Mode

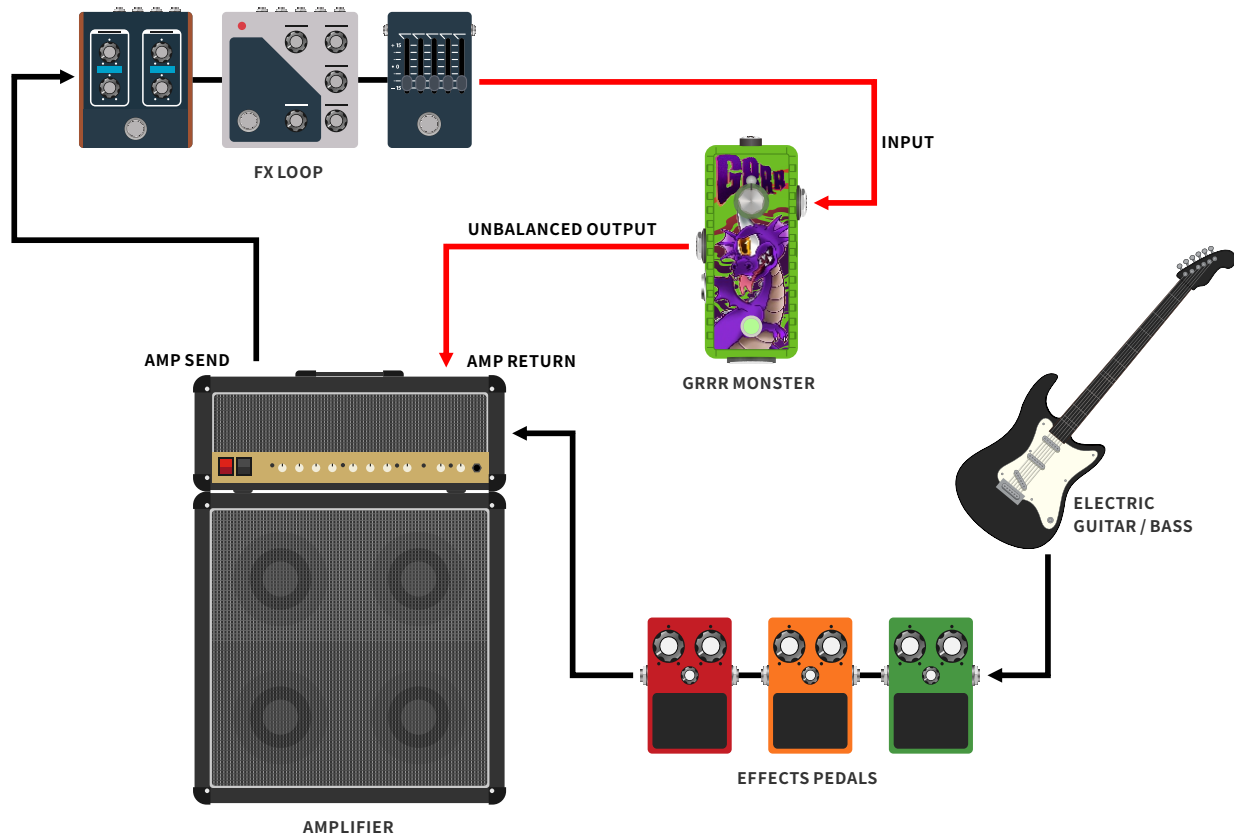
Classic Application 2

When the GRRR in BOOST mode is at the last end of the LOOP, we can use the panel knob to adjust the overall attenuation of the signal before entering the post power amp to reach the appropriate volume level for the tube amp.



To set the GRRR to BOOST mode, you need to remove the base plate of the device first. adjust the GAIN ADJ BIAS as shown in the picture to BOOST mode by turning it clockwise for gain adjustment.

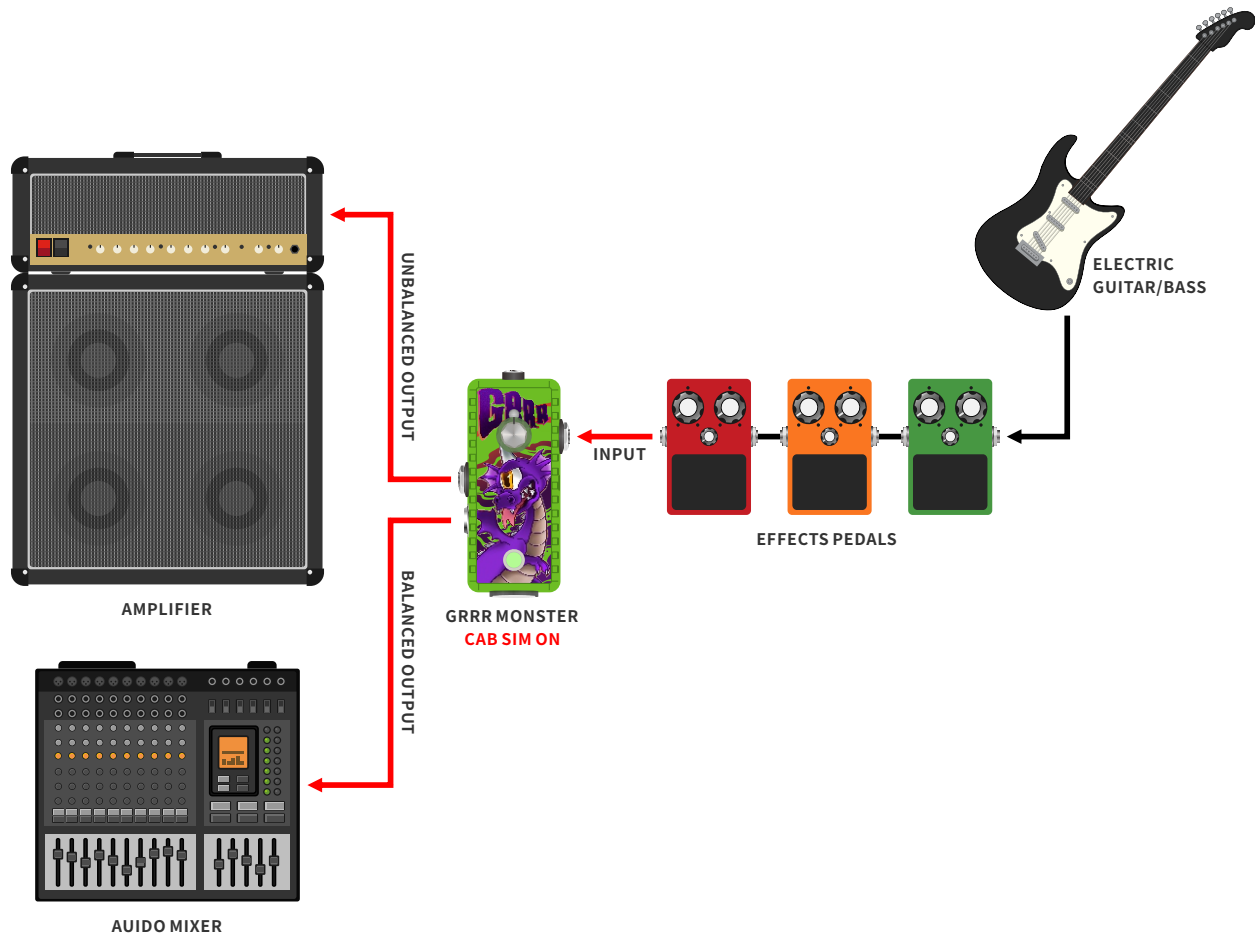
When the input voltage is 12V, the maximum PURE Clean Boost is +15dB.



Balanced Output Mode

Classic Application 1

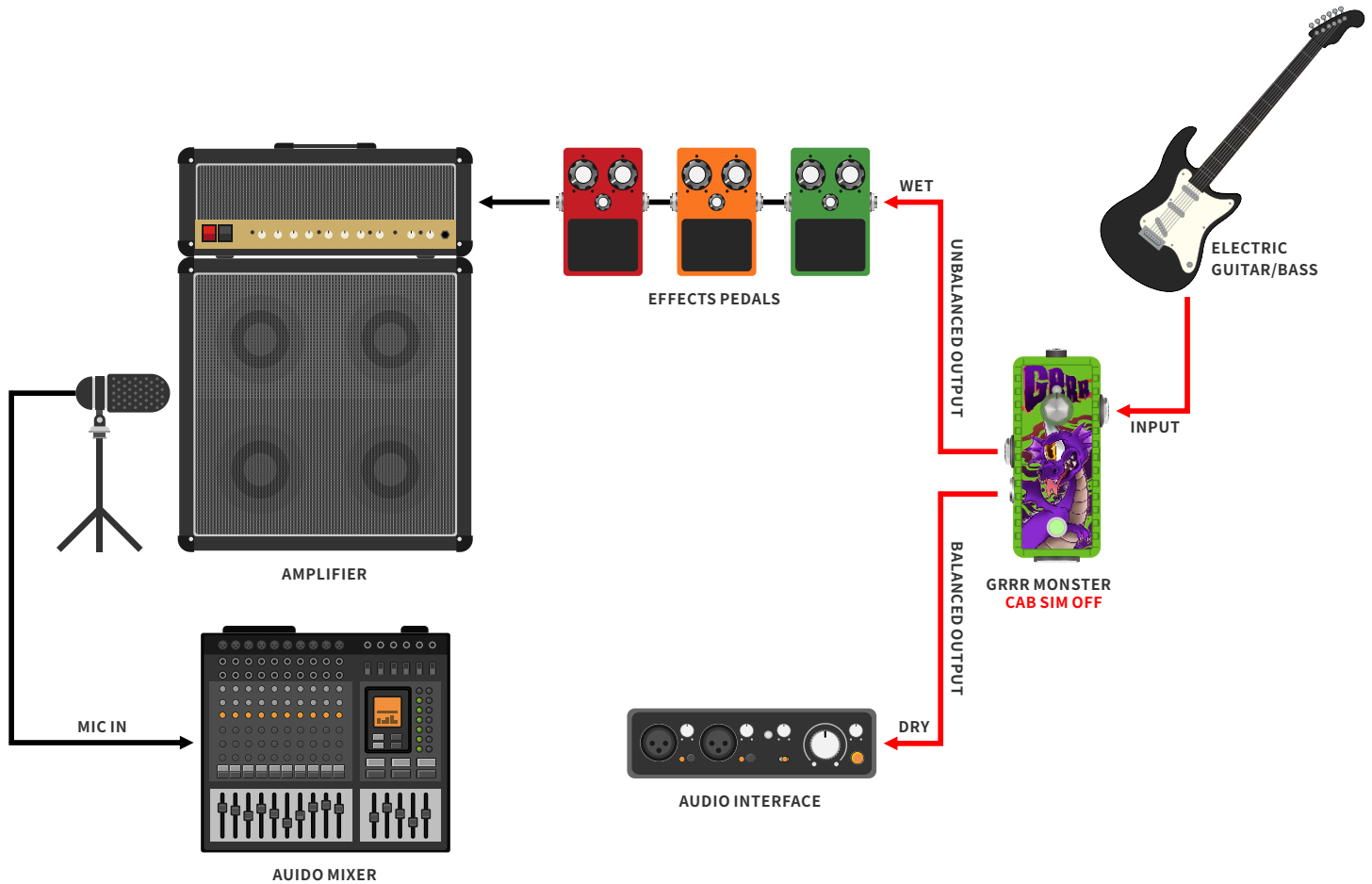
The mini XLR out of the GRRR is a active signal splitter, which can output balanced signal. The 6.35mm Jack out and the mini XLR out support simultaneous signal output. When we can't use microphone to pick up sound, it can be connected with the front EFFECTS, and then use its cabinet simulation to directly input to the full frequency device.



Balanced Output Mode

Live Recording Classic Application 1

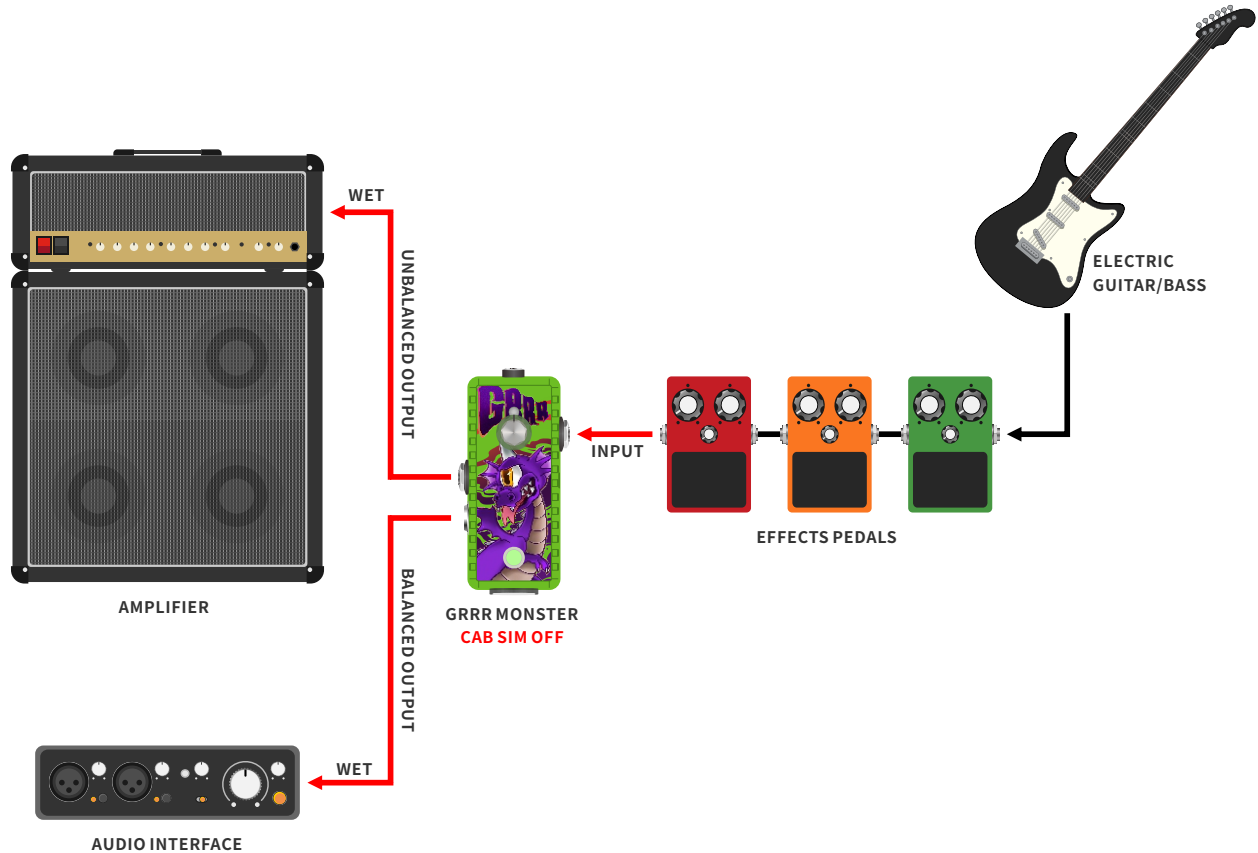
During live recording, close the cabinet simulation, mini XLR output signals to the audio interface and 6.3mm Jack output signal to the effects, which can achieve listening wet sound while recording dry sound.



Balanced Output Mode

Live Recording Classic Application 2

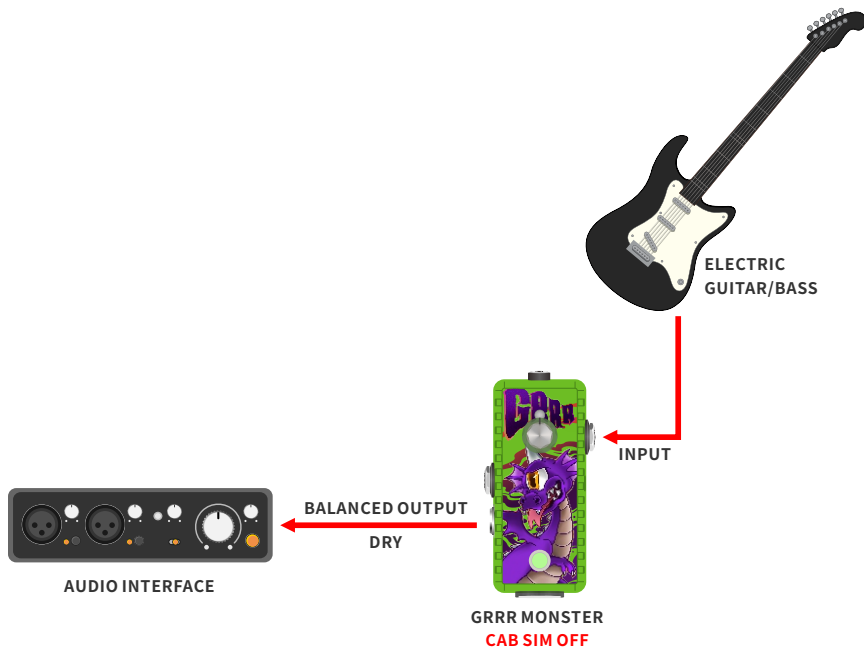
During live recording, close the cabinet simulation, mini XLR output signal to the audio interface and 6.3mm Jack output signal to the amplifier, which can record partial wet sound to meet demands.



Balanced Output Mode

Audio Recording Classic Application

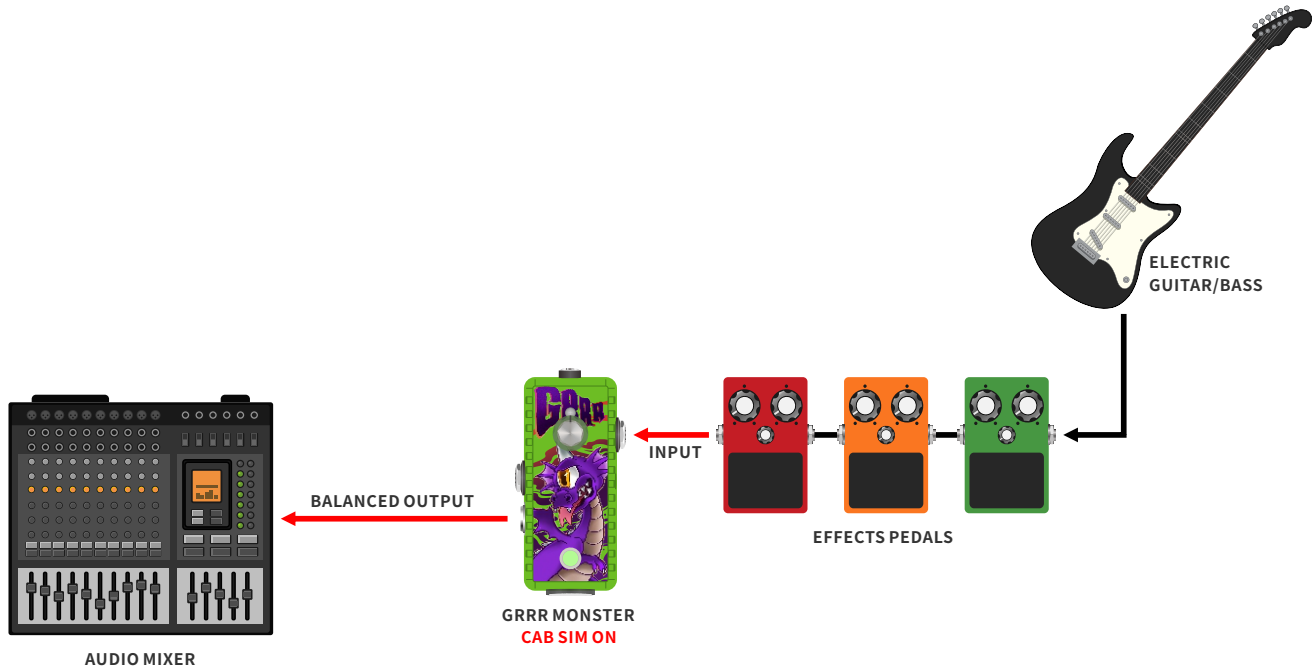
It can serve as a DI box to output signals to the audio interface, which is dry sound now.



Balanced Output Mode

Non-amplifier live Classic Application

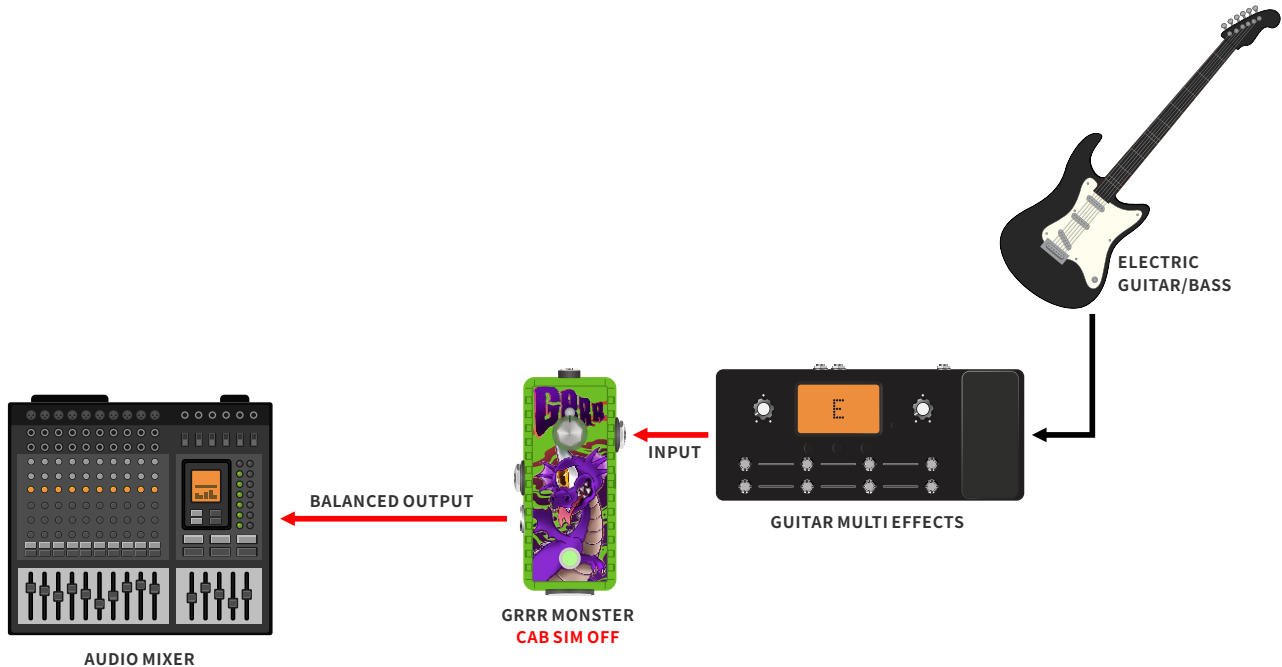
If there is no amplifier in the show, we can switch on the cabinet simulation, and then it directly output signals to the audio mixer.



Balanced Output Mode

Guitar Multi-effects Classic Application

After Guitar multi-effects simulating all timbre chain, it directly connect with the GRRR Monster. GRRR Monster serve as a DI box to output signals to the audio mixer. Compared to Guitar multi-effects directly output balanced signals to the audio mixer, this can effectively prevent phantom power misoperation to affect the device.





Musontek

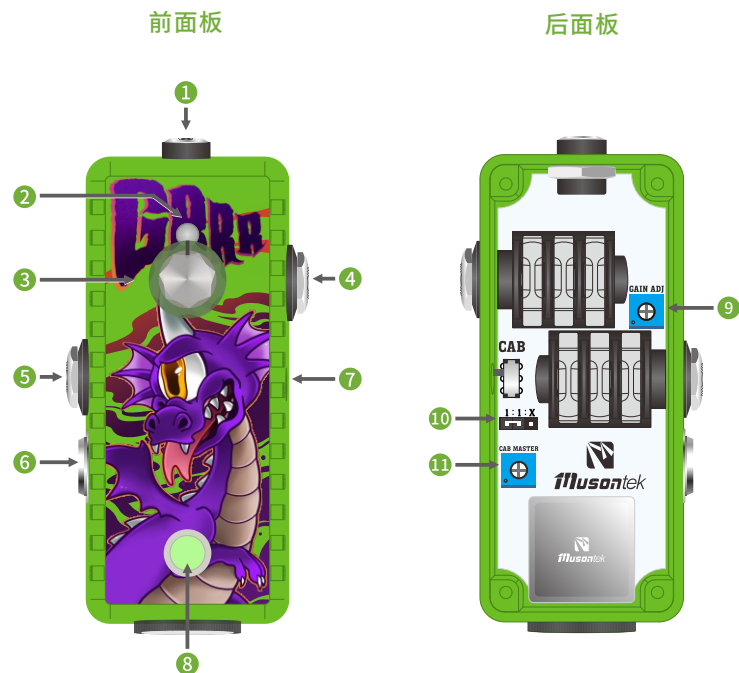
GRRR 小怪兽

Boost · Buffer · CAB Sim · D.I Box

用户手册

English
简体中文

概述



① 电源输入接口 $\oplus \ominus$
9~12V 50mAh, 外正内负直流电源供电

⑤ 主信号输出接口(非平衡信号)
1/4英寸(6.35mm)大二芯插口输出

⑨ 增益度旋钮
出厂为0dB Buffer模式, 如往右旋为激励模式
-∞ — 0dB (Buffer模式)
15dB (激励模式)

② LED 指示灯
工作状态指示灯

⑥ 输出接口(平衡信号)
迷你卡依输出接口, 600Ω输出阻抗

⑩ 跳线帽
默认为1:1, 可插拔跳线帽, 获得无源的
信号放大(平衡输出模式下)

③ 音量旋钮
控制整体输出的音量

⑦ 箱体模拟开关
此开关仅对迷你卡依输出接口有效

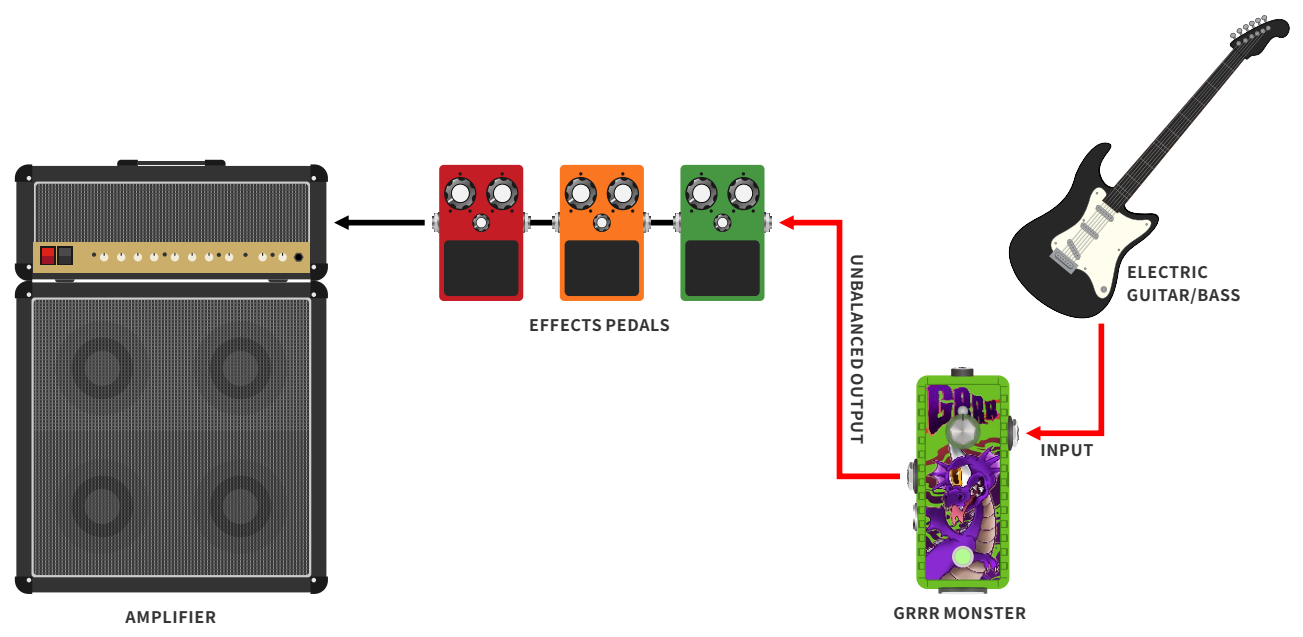
⑪ CAB 音量调节
控制箱体模拟的输出音量

④ 乐器信号输入接口
1/4英寸(6.35mm)大二芯插口, 可以
连接你的乐器(例如: 吉他)
1MΩ 输入阻抗

⑧ 接地、举地按钮
当 GND LIFT 开关被按下时, 接地连接被中断,
绿灯亮信号举地, 反之信号接地

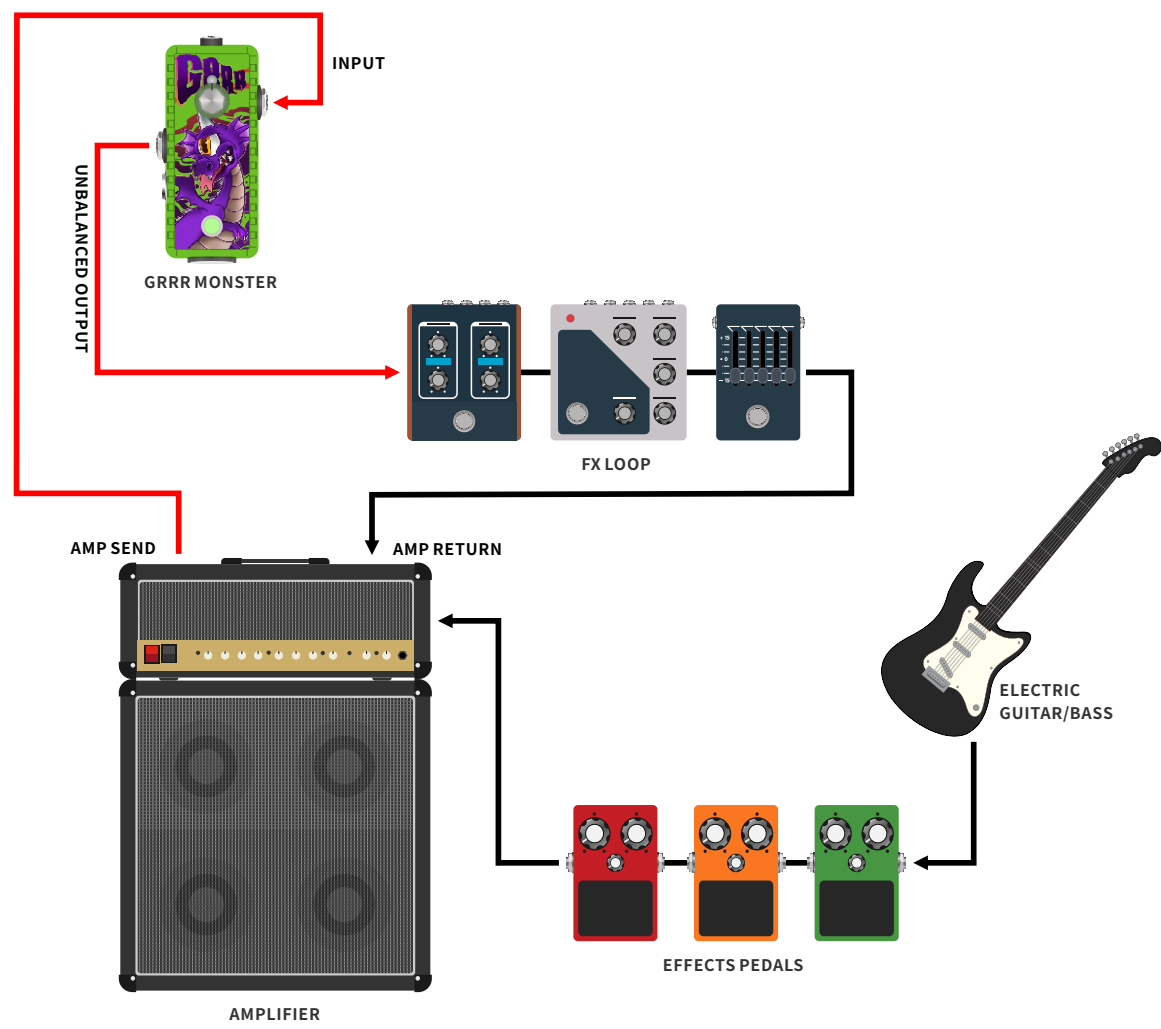
BUFFER 模式 典型应用 1

GRRR小怪兽出厂时即为BUFFER模式，当处于BUFFER模式时，小怪兽可以充当一个高性能的缓冲器，进行乐器与效果器或者效果器与效果器之间的阻抗匹配，使信号能够以最大效益进行传输，尽可能避免吃tone的影响。



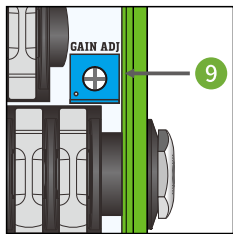
BUFFER 模式 典型应用 2

GRRR小怪兽出厂时即为BUFFER模式，当处于BUFFER模式时，小怪兽可以充当一个高性能的缓冲器，由于全电子管箱头的LOOP环路，阻抗匹配并不是很友好，此时将缓冲模式的小怪兽接入SEND口后，作为桥梁，可以完成电子管驱动的LOOP环路与周边效果器的阻抗匹配。

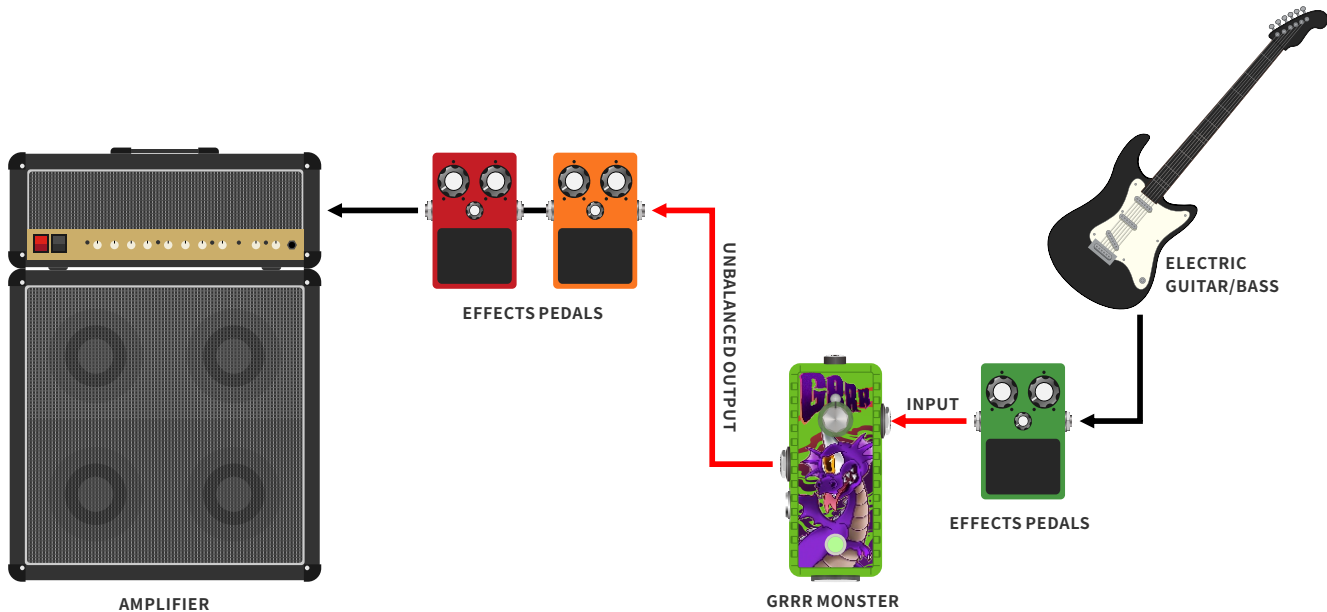


BOOST 模式 典型应用 1

当处于BOOST模式时，小怪兽可以充当一个Clean Boost，此时它可以存在于任何需要激励的设备之前，以获得设备更为丰富的音色。

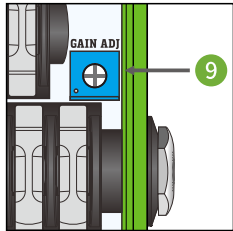


要将小怪兽转换为BOOST模式，需先拆下设备底板，将如图所示的GAIN ADJ旋钮，以顺时针方向旋转进行增益度调节，以转换为BOOST模式。当输入电压为12V时，最高可支持+15dB的PURE Clean Boost。

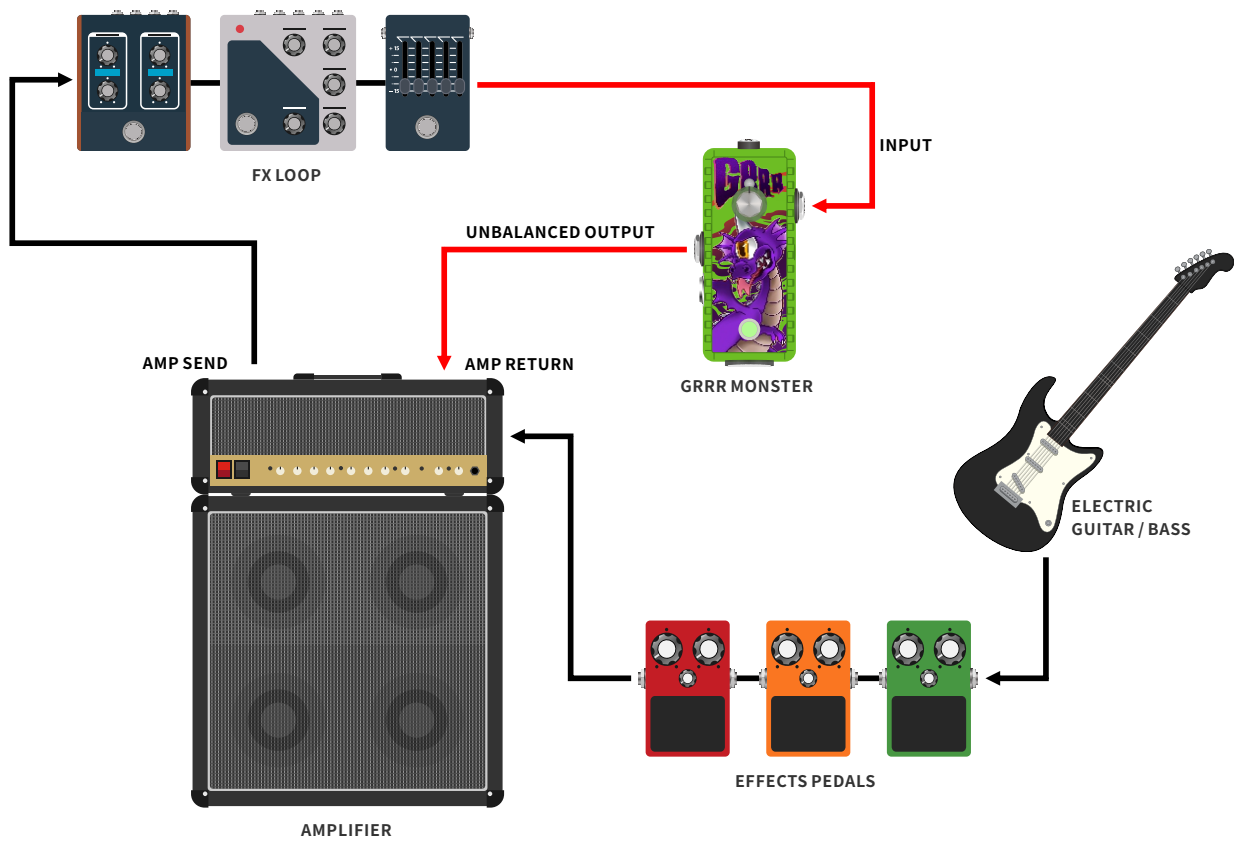


BOOST 模式 典型应用 2

当BOOST模式的小怪兽处于LOOP环路中的最后一级，利用面板的旋钮进行调节，将进入后级前的信号进行整体衰减，以达到电子管箱头合适的电平音量。

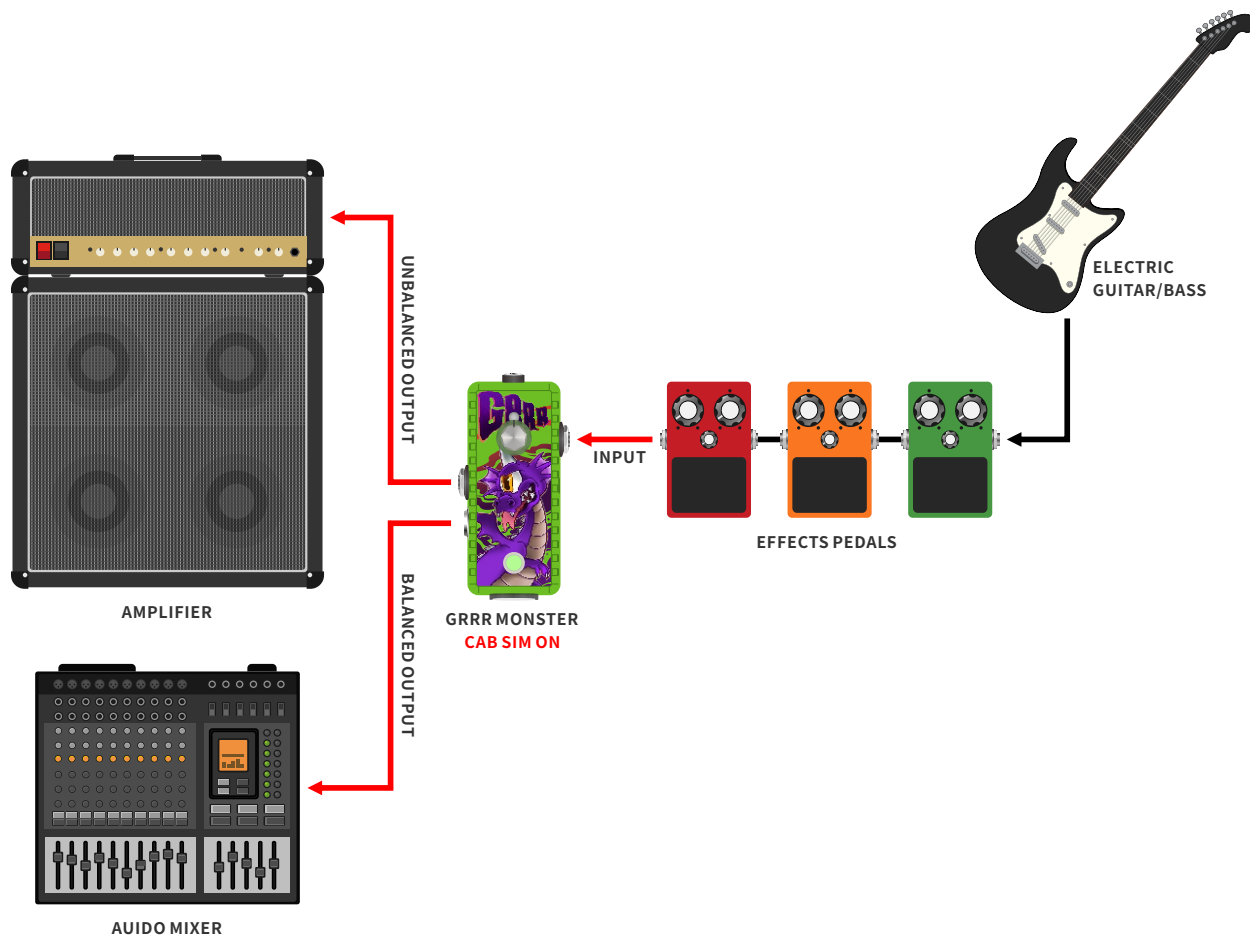


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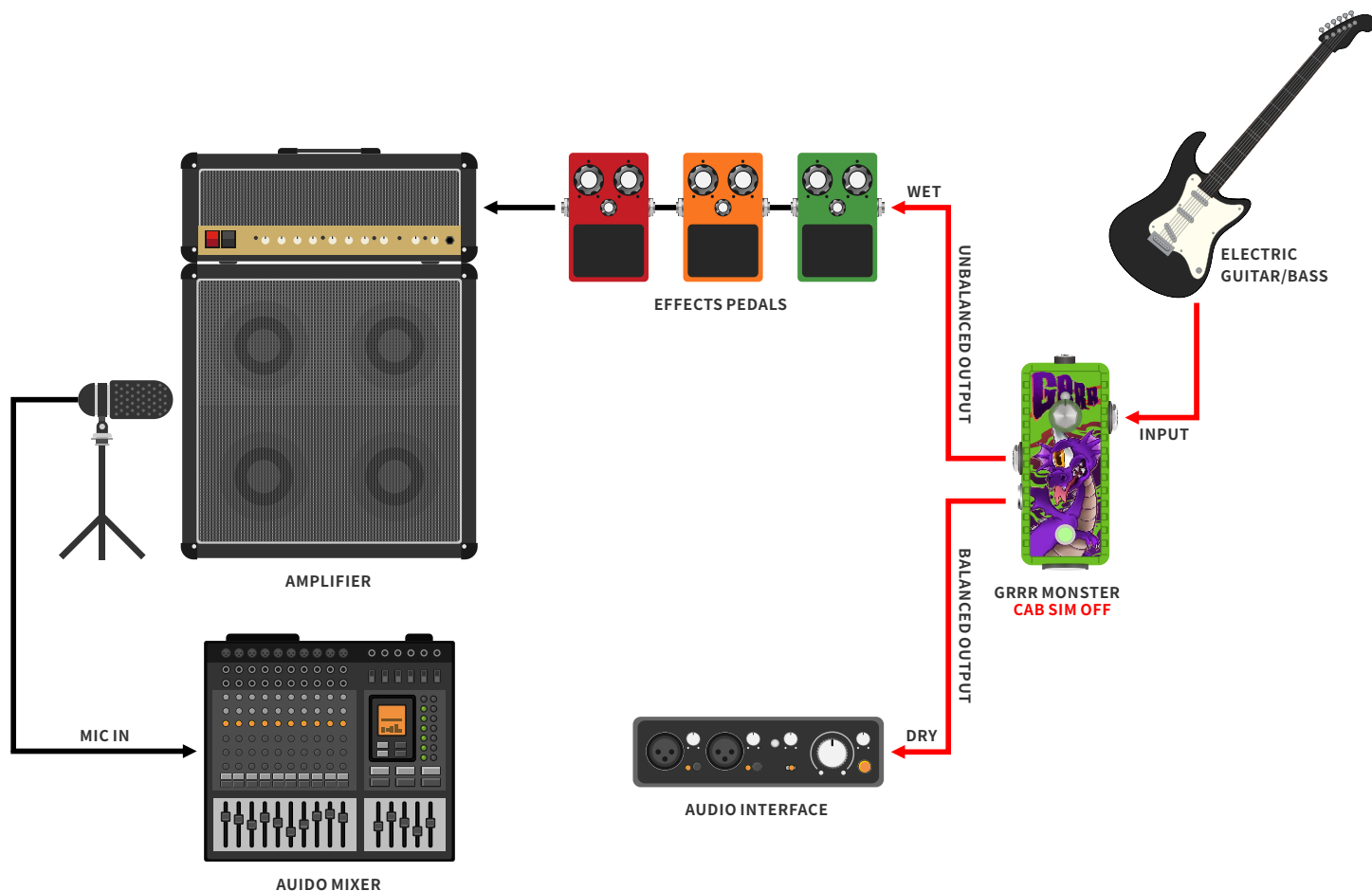
平衡输出 模式 典型应用

小怪兽的迷你卡侬接口为信号分路，可输出平衡信号，小怪兽的6.35mm接口与迷你卡侬接口支持同时输出信号。当外扩环境无法使用麦克风进行拾音时，可以使用前级效果器接入它，再利用它的箱体模拟直接输入至全频设备进行外扩。



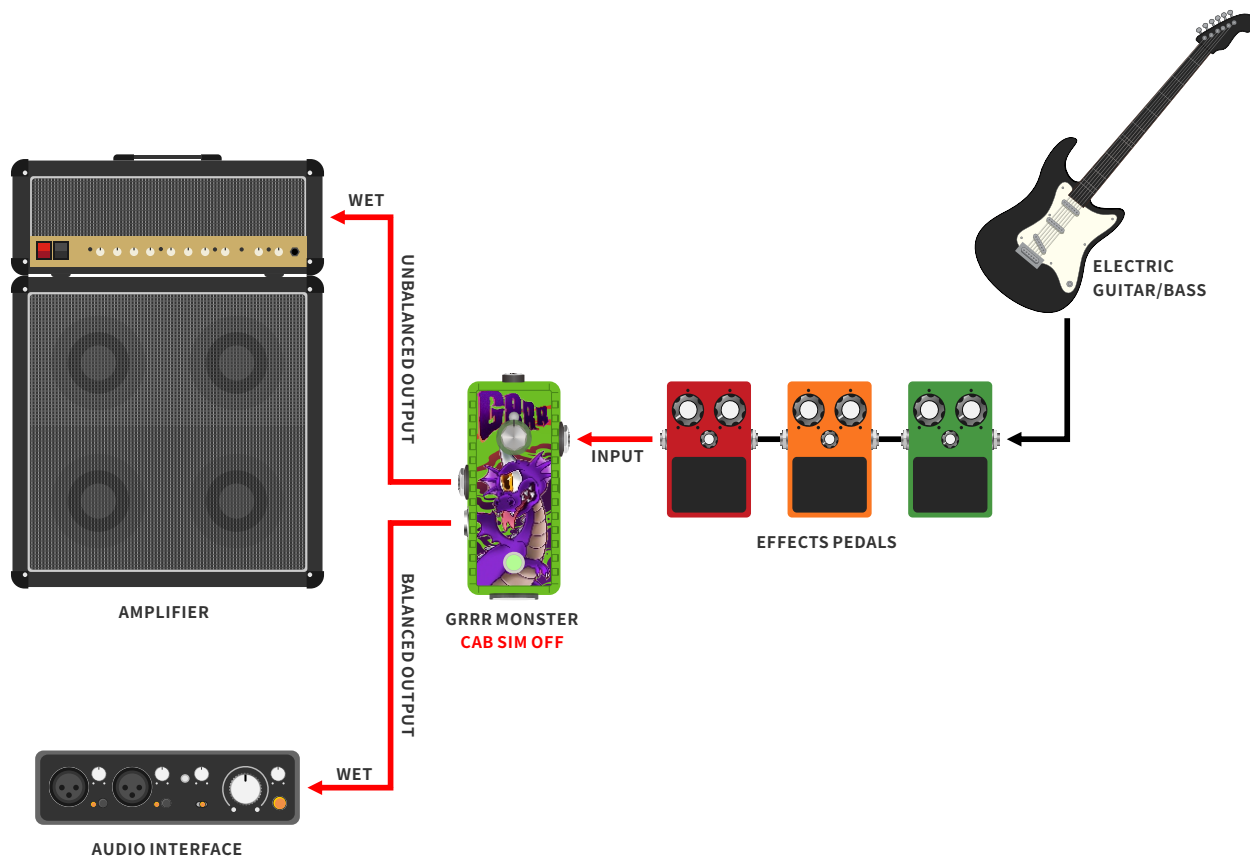
平衡输出模式 录音及同期环境 典型应用 1

同期录音时，将箱体模拟关闭，卡农口输出至声卡，6.35口输出至音色链，此时可以做到听湿录干。



平衡输出 模式 录音及同期环境 典型应用 2

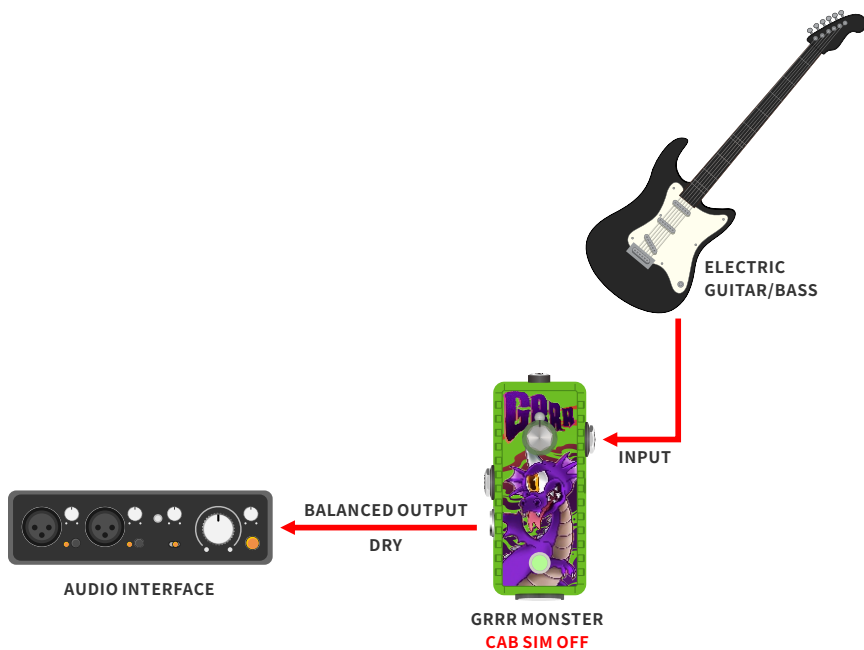
同期录音时，将箱体模拟关闭，卡农口输出至声卡，6.35口输出至音色链，此时可以录取部分湿声以满足所需需求。



平衡输出 模式

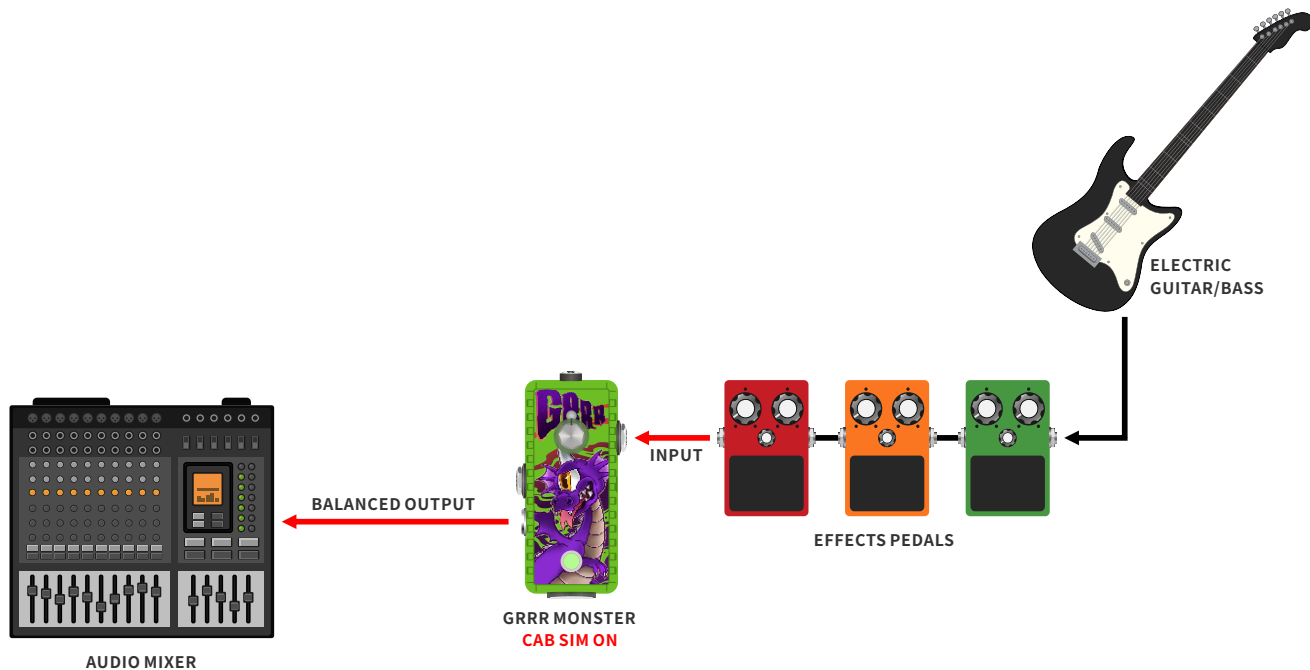
声卡录音环境 典型应用

DI直接输出至声卡, 此时录制为干声。



平衡输出 模式 无箱头演出环境 典型应用

如现场环境无箱头箱体，此时开启箱体模拟，直接输入至调音台。



平衡输出 模式 使用数字类效果器时 典型应用

数字效果器模拟所有的音色链后，直接GRRR Monster ,DI输出至音频接口，相较数字效果器直接平衡输出至音频接口，可以有效防止幻象电源的误操作影响到设备。

