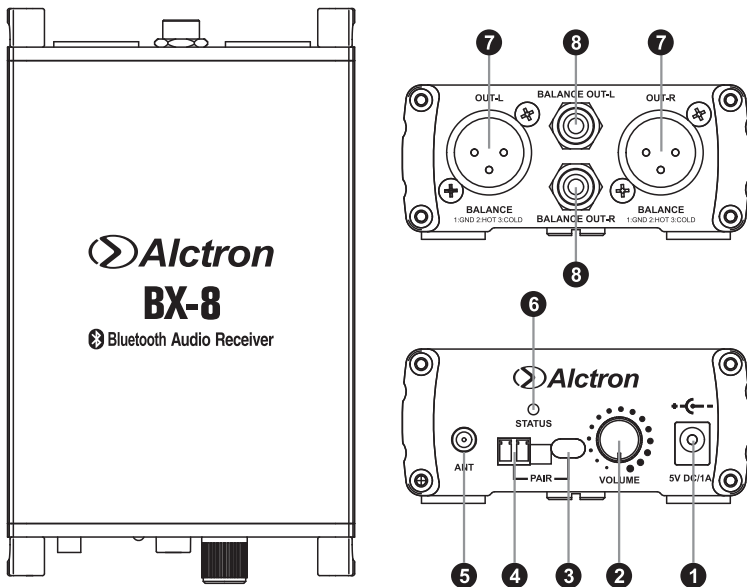


BX-8 Bluetooth audio receiver

GENERAL INTRODUCTION

BX-8 is a Bluetooth® audio receiver with professional-grade audio outputs. It lets you add wireless stereo Bluetooth audio reception to any professional audio system. Once you pair your Bluetooth device to BX-8 you can send your device's audio signal out BX-8's balanced XLR or 1/4" (6.35mm) outputs to your mixer, loudspeakers or amplification system. The antenna makes the transmission more far and applies in various occasions.

CONNECTOR INTRODUCTION



1. 5V DC/1A: use the included power adapter to connect this input to a power outlet.
 2. VOLUME: turn this knob to adjust the output volume level.
 3. Pair button: Navigate to your Bluetooth device's set up screen, find "Alctron BX-8" and connect. Press this button to erase linking between two paired Bluetooth devices, then make BX-8 available for pairing to another nearby Bluetooth device.
 4. Remote Pairing Connector: Cable connecting connector, use 2-pin cable to connect this connector and non-lock switch. Press the non-lock switch on cable to erase the linking between two paired Bluetooth devices, then make BX-8 available for pairing to another nearby Bluetooth device.
- 2-pin cable connecting method: a. strip 2-pin cable 5mm off and tin plating; b. use "—" type bolt to switch the cable into Remote Pairing Connector and ensure it is locked by connector; c. the other end of cable to connect non-lock switch's turn on point.
5. ANT: connect the included removable Bluetooth antenna to this BNC connector. The antenna receives and transmits the Bluetooth signal from a paired Bluetooth device. BX-8 has a range of up to 10 meters.

6. STATUS: this LED indicates the BX-8's Bluetooth pairing status:

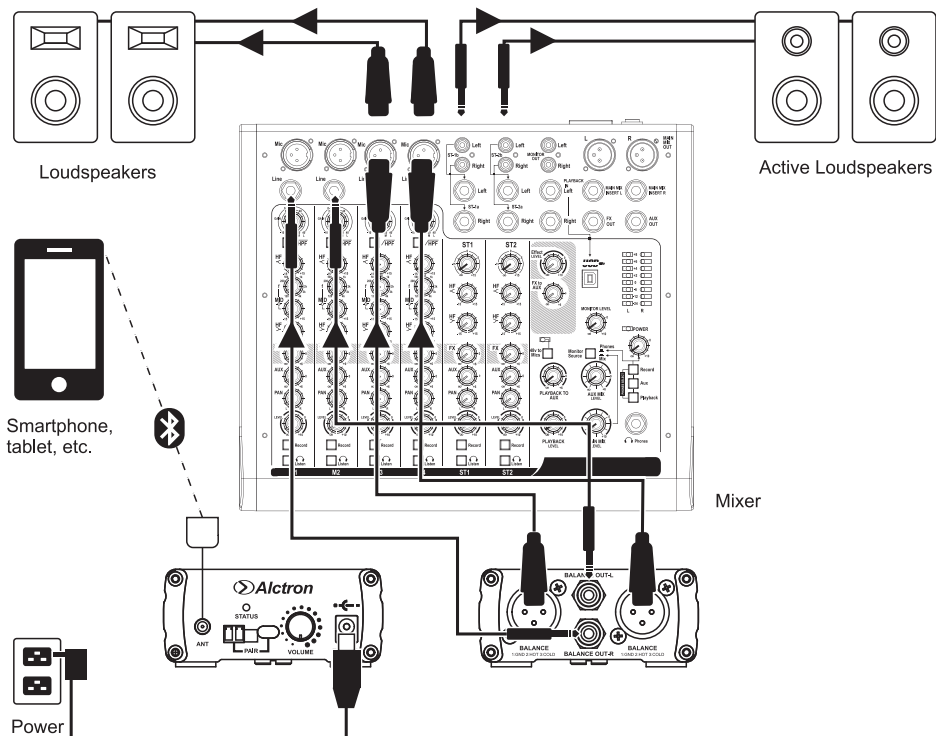
* Alternation of red and green lit: BX-8 is not paired to a Bluetooth device.

* Green light flash: BX-8 is paired to a Bluetooth device.

7. BALANCE OUT-L/R: these outputs send the audio from a paired Bluetooth device. Use XLR cables to connect these outputs to your loudspeakers, mixer, etc.

8. BALANCE OUT-L/R: these outputs send the audio from a paired Bluetooth device. Use standard 1/4" cables to connect these outputs to loudspeakers, mixer, etc.

SET UP



1. Use XLR cable to connect XLR balanced output on BX-8 and XLR input connector on mixer.

2. Use 1/4"(6.35mm) cable to connect 1/4"(6.35mm) balanced output on BX-8 and 1/4"(6.35mm) input connector on mixer.

3. Use XLR cable to connect XLR input connector on PA loudspeaker and XLR output connector on mixer.

4. Use 1/4"(6.35mm) cable to connect 1/4"(6.35mm) input connector on loudspeaker and 1/4"(6.35mm) output connector on mixer.

5. Switch the antenna into ANT connector.

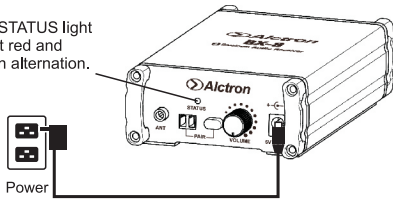
6. Use the included power adapter to connect BX-8's 5V DC/1A to your power source.

7. To be paired with Bluetooth devices.

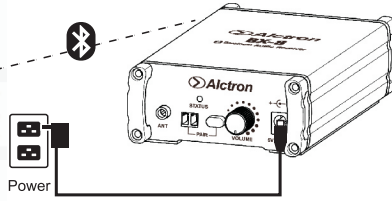
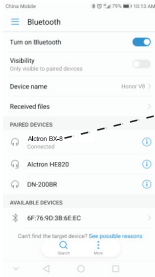
NOTE: you can connect to mixer, amplifier or other devices that accepts line-level inputs(this device must be powered off). Here take the mixer as an example.

TO PAIR YOUR BLUETOOTH DEVICE TO BX-8

The STATUS light will lit red and green alternation.



1. If BX-8 is off, use the included power adapter to connect its 5V DC/1A to your power source. The STATUS light will lit red and green alternation.

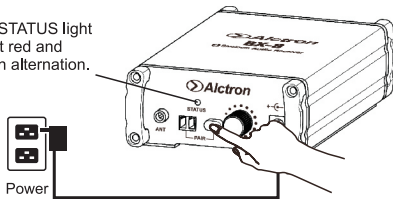


2. Make sure your desired Bluetooth device has its Bluetooth connectivity on and is within range. BX-8 will automatically try to pair with the last-paired Bluetooth device.

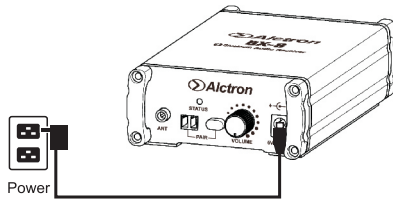
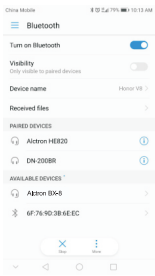
* If you are using that Bluetooth device again, you can start playing audio immediately.

* If you want to use a different Bluetooth device, continue to Step 3.

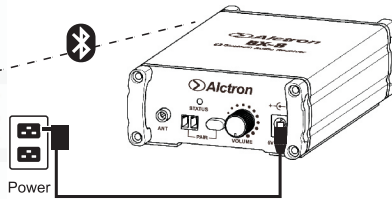
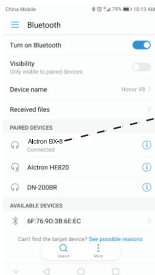
The STATUS light will lit red and green alternation.



3. Press and hold BX-8's Pair button. When the STATUS light lits red and green light alternation, release the Pair button to erase the linking between two paired Bluetooth.



4. On your wanted Bluetooth device, enter its Bluetooth settings menu and select BX-8.



5. On your Bluetooth device, start playing audio.

To adjust your volume level, we recommend setting the volume control of each of your devices in the follower order:

- Your Bluetooth device
- BX-8, using its VOLUME knob
- Your mixer, its input channel levels then its main output level
- Your loudspeaker

Set each volume level as high as possible without creating distortion.

NOTE: while using it, we recommend disabling your cellular connections, if please.

OPERATION

BX-8 uses Bluetooth 4.0 chip and has a range of up to 10 meters. Once you paired your Bluetooth with BX-8, they are connected wirelessly. You can play audio on your Bluetooth device and it will be sent out of BX-8's balanced outputs.

NOTE: While using it, we recommend disabling your cellular connections, if please.

Do not use BX-8 near a microwave oven, which can interfere with the reception.

BX-8 is paired with a Bluetooth device, other Bluetooth devices cannot pair to it.

SPECIFICATION

* Bluetooth version:	Bluetooth V4.0
* Power supply:	3.7V lithium battery power supply
* Standby current:	<50uA
* Working current:	≥30mA
* Temperature range:	-40°C to +80°C
* Wireless transmission range:	10m
* Sensitivity:	-80dBm<±0.1% BER
* Frequency range:	2.4Ghz-2.480Ghz
* Signal to noise:	≥75dB
* Distortion:	≤0.1%
* Charging method:	USB charging
* Stand by:	50days(Theoretically)
* Working time:	10hours (Theoretically)
* Net weight:	345g
* Size:	147*40*90mm

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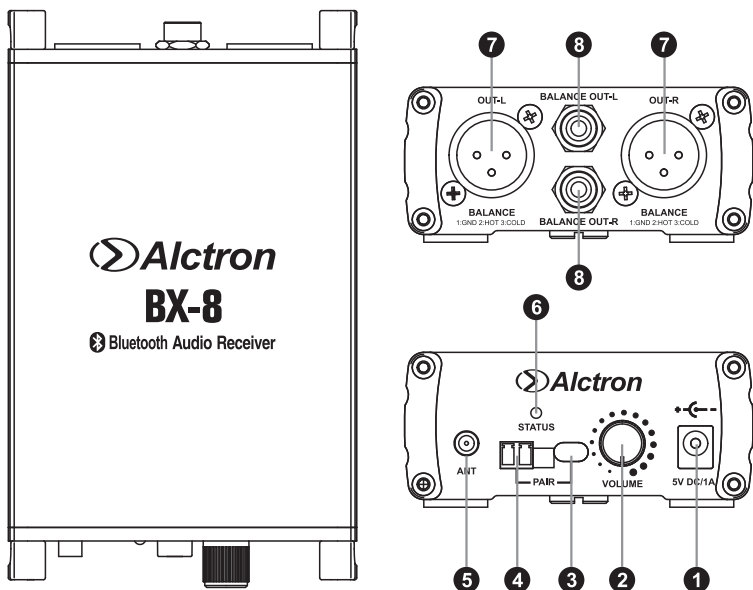
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BX-8蓝牙接收器

产品介绍

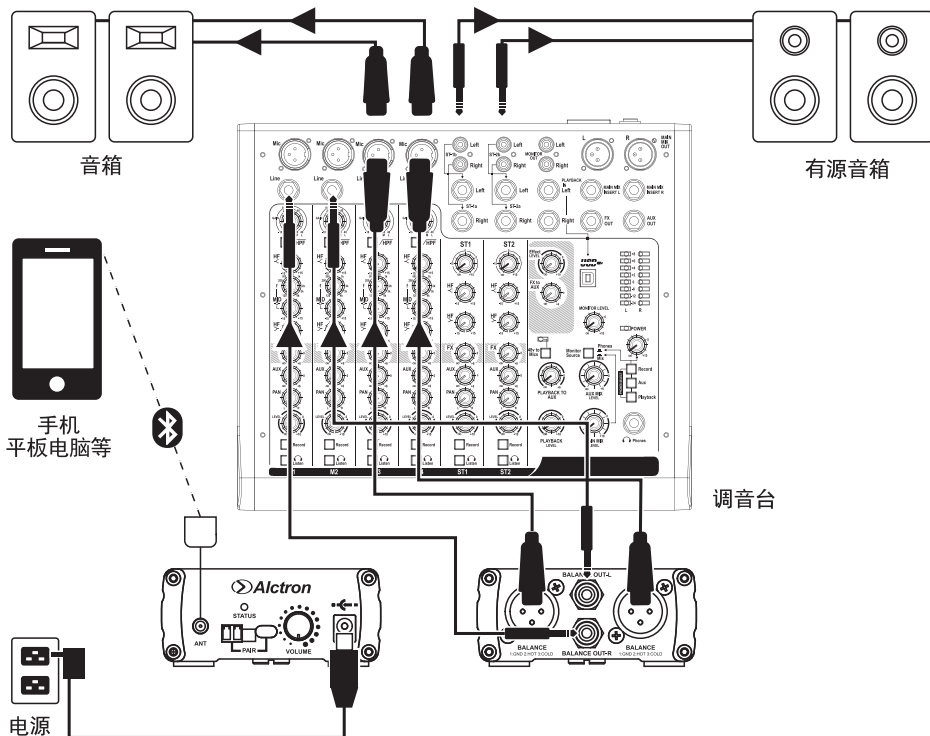
BX-8是一款带有专业级音频输出接口的蓝牙®接收器。通过BX-8，无线立体声蓝牙设备可以连接到其他专业的音频系统。一旦蓝牙配对成功，通过平衡的XLR卡农和1/4" (6.35mm) 输出接口将音频信号发送到调音台、音箱或者放大系统。自带的天线能够使信号传送到更远的距离，应用范围更加广泛。

接口介绍



1. 5V DC /1A: 用5V /1A适配器连接此电源接口。
2. VOLUME: 旋转此旋钮，控制输出信号的音量大小。
3. Pair button: 打开手机或ipad打开蓝牙搜索设备Alctron BX-8点击配对即可。按此键，就能断开与之配对的蓝牙设备，此时BX-8便可与其他蓝牙设备相连接。
4. Remote Pairing Connector: 接线端口，用2-pin延长线连接此接口和无锁开关。轻按2-pin线上的开关，断开与之配对的蓝牙设备，此时BX-8便可与其他蓝牙设备相连接。
2-pin延长线连接方式：a、两芯线，剥线5mm镀锡；b、用一字螺丝刀旋开端口螺丝将线压紧，确保接触良好，不被拉出；c、线的另一端接无锁开关的常开点。
5. ANT: 用蓝牙天线连接此接口，已经配对的蓝牙设备通过天线来传送和接受信号。BX-8最大的传送距离为10米。
6. STATUS: 此LED灯表明BX-8与蓝牙设备的配对情况：
* 红绿灯交替：BX-8没有配对蓝牙设备。
* 绿灯闪烁：BX-8与蓝牙设备配对成功。
7. BALANCE OUT-L/R: 平衡输出接口。配对的蓝牙设备通过此输出接口输出音频信号。用XLR线连接此接口和音箱/调音台，或者其他与之类似的产品。
8. BALANCE OUT-L/R: 平衡输出接口。配对的蓝牙设备通过此输出接口输出音频信号。用标准的1/4" (6.35mm) 线连接此接口和音箱/调音台，或者其他与之类似的产品。

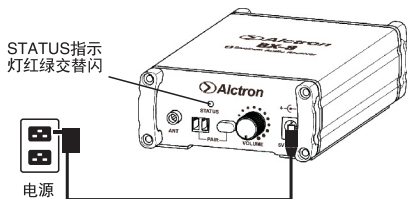
连接



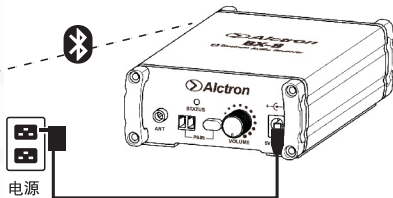
1. 用XLR线连接BX-8上的XLR平衡输出接口和调音台上的XLR输入接口。
2. 用1/4"(6.35mm)线连接BX-8上的1/4"(6.35mm)平衡输出接口和调音台上的1/4"(6.35mm)输入接口。
3. 用XLR线连接音箱上的XLR输入接口和调音台上的XLR输出接口。
4. 用1/4"(6.35mm)线连接有源音箱上的1/4"(6.35mm)输入接口和调音台上1/4"(6.35mm)的输出接口。
5. 将天线旋入ANT接口。
6. 用适配器连接BX-8的5V DC/1A接口和电源接口。
7. 等待与蓝牙设备配对。

注意：您可以连接调音台，放大器或者其他有线性输入接口的设备（此设备在运行前必须处于关闭状态）。这里我们以调音台举例。

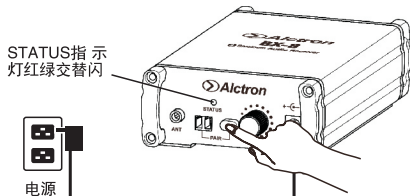
蓝牙配对



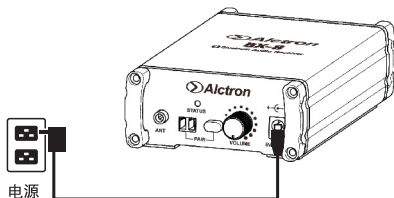
1. 用适配器连接5V DC/1A和电源接口。通电时，STATUS指示灯会红绿交替闪。



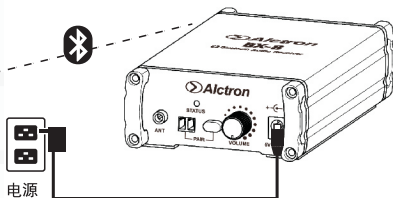
2. 请确保您的蓝牙设备已经打开并且与BX-8相距在一定的距离之内。BX-8会试着与上次连接的蓝牙设备连接。
* 如果您还是想要与上次的蓝牙设备连接，打开蓝牙设备就可运行。
* 如果您想要与新的蓝牙设备连接，请看步骤3。



3. Pair button短按此键，当STATUS指示灯红绿交替闪的时候即清除与蓝牙设备的连接。



4. 打开您想要连接蓝牙设备上的菜单，选择BX-8设备。



5. 接下来就可以使用蓝牙设备了。当您需调节音量的时候，我们建议按照以下的顺序调节：

- 蓝牙设备
 - BX-8，扭动VOLUME按钮即可
 - 调音台，先输入通道音量后主输出音量
 - 音箱
- 在保证声音不失真的情况下尽可能将音量调整到最大。

注意：当您使用蓝牙设备的时候，我们建议将手机设置为飞行模式。

蓝牙操作

BX-8采用4.0蓝牙芯片，最大传输距离为10米。蓝牙设备与BX-8是无线连接，当您运行蓝牙设备的时候，蓝牙设备的信号会通过BX-8的BALANCE OUT-L/R输出接口输出信号。

注意：当您使用蓝牙设备的时候，我们建议将手机设置为飞行模式。
不要将BX-8靠近微波炉，会干扰BX-8接受蓝牙信号。
当BX-8已经配对了一个蓝牙设备的时候，就不能与第二个蓝牙设备配对了。

参数

* 版本:	Bluetooth V4.0
* 供电:	3.7V锂电池供电
* 待机电流:	<50uA
* 工作电流:	≤30mA
* 温度范围:	-40℃~+80℃
* 无线传输距离:	10m
* 灵敏度:	-80dBm<±0.1% BER
* 频率范围:	2.4Ghz-2.480Ghz
* 信噪比:	≥75dB
* 失真度:	≤0.1%
* 充电方式:	USB充电
* 待机时长:	50天 (理论上)
* 工作时长:	10小时 (理论上)
* 净重:	345g
* 尺寸:	147*40*90mm

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