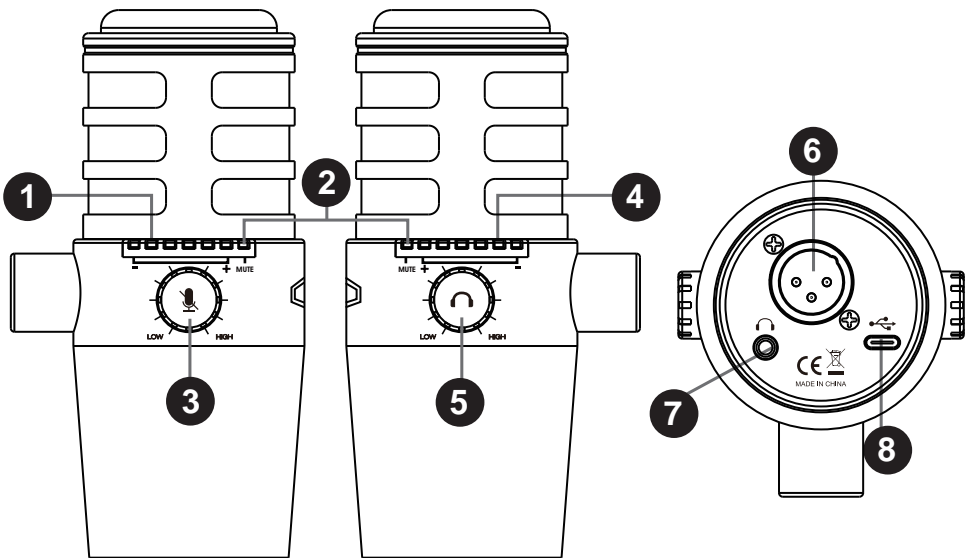


BC900+ USB/XLR DYNAMIC MIC

GENERAL INTRODUCTION

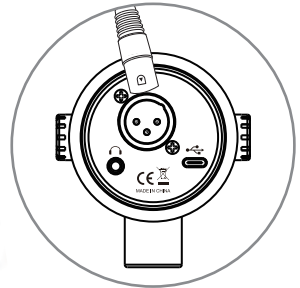
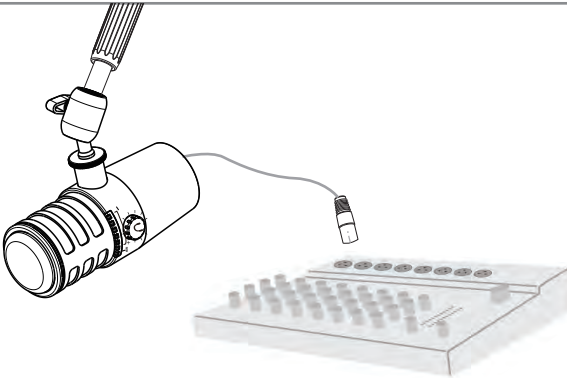
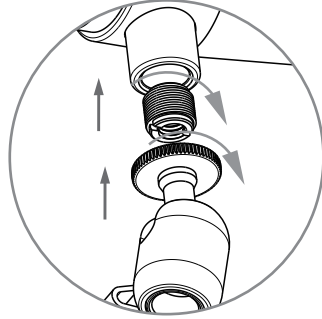
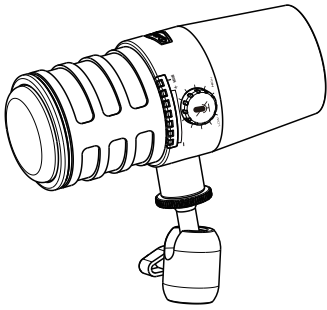
BC900+ is a quality USB/XLR dynamic mic designed for broadcaster, podcaster, streams and live recording etc. Its unique circuit and dynamic capsule reduce room acoustic environment requirement and captures the depth and detail of the voice to ensure the performer's voice resonates with listener. A cardioids polar pattern keeps your voice front and center by providing excellent off-axis rejection and minimizing ambient pickup. High density foam reduces popping sound and LED indicator avoids load and distortion to offer a full, clear natural tone quality. BC900+ compatible with Windows and macs without any drivers. Mute function, gain and volume knob, LED indicators help you handling mic easily. Durable metal housing resists to wear and tear.

FUNCTION INTRODUCTION

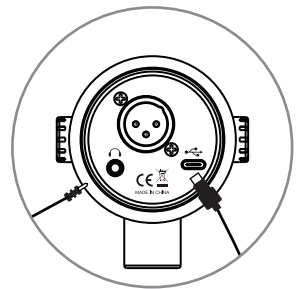
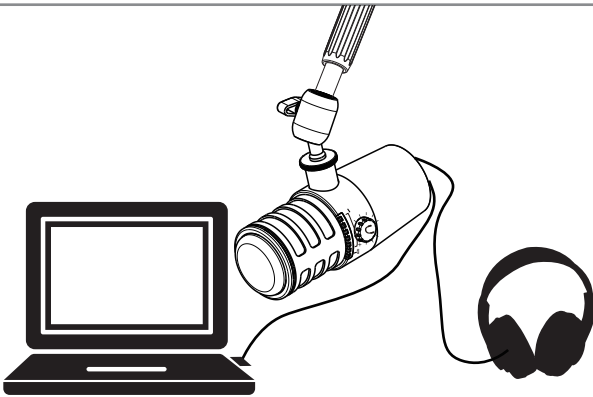


1. Mic gain indicator, green, yellow, red 3 colors light to indicate input gain avoiding sound distortion.
2. MUTE: mute indicator, press (3) knob MUTE lits red light indicating in mute mode.
3. Mute+gain combo knob, press this knob MUTE(2) lits red light indicating in mute mode; rotates this knob to adjust input gain level. This knob is no effect to 3-pin XLR(6).
4. Headphone level indicator, green, yellow, red 3 colors light to indicate headphone volume avoiding sound distortion.
5. Rotates the knob to adjust output headphone volume. This knob is no effect to 3-pin XLR(6).
6. 3-pin XLR connector, connects to console, audio interface etc devices.
7. 3.5mm headphone connector, connects to headphone to monitor.
8. 5V: TYPE-C USB connector, connects to computer.

CONNECTION



Note: do not turn on the 48v phantom power on console

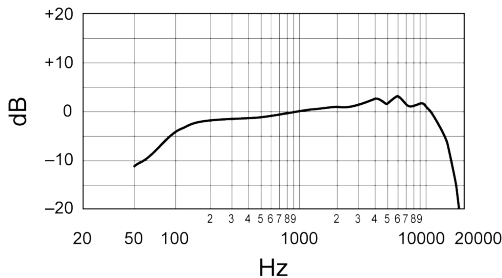
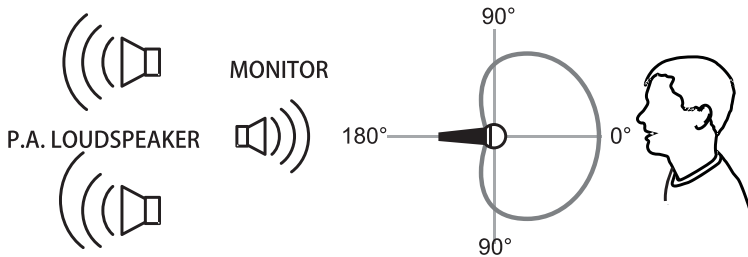


PROXIMITY EFFECT

APPLICATION	SUGGESTED MICROPHONE PLACEMENT	TONE QUALITY
VOCALS	Lips less than 15cm (6in.) away or touching the windscreen, on axis to microphone.	Robust sound, emphasized bass, maximum isolation from other sources.
	15 to 60cm (6in. to 2ft.) away from mouth, just above nose height.	Natural sound, reduced bass.
	20 to 60cm (8in. to 2ft.) away from mouth, slightly off to one side.	Natural sound, reduced bass and minimal "S" sounds.
	90cm to 1.8m (3 to 6ft.) away.	Thinner, distant sound, noticeable levels of ambient noise.
GUITAR & BASS AMPLIFIERS	2.5cm (1in.) from speakers, on-axis with center of speaker cone.	Sharp attack, emphasized bass.
	2.5cm (1in.) from speaker, at edge of speaker cone.	Sharp attack, higher frequency sound.
	15 to 30cm (6 to 12in.) away from speaker and on-axis with speaker cone.	Medium attack, full, balanced sound.
	60 to 90cm (2 to 3ft) back from speaker, on-axis with speaker cone.	Softer attack, reduced bass.

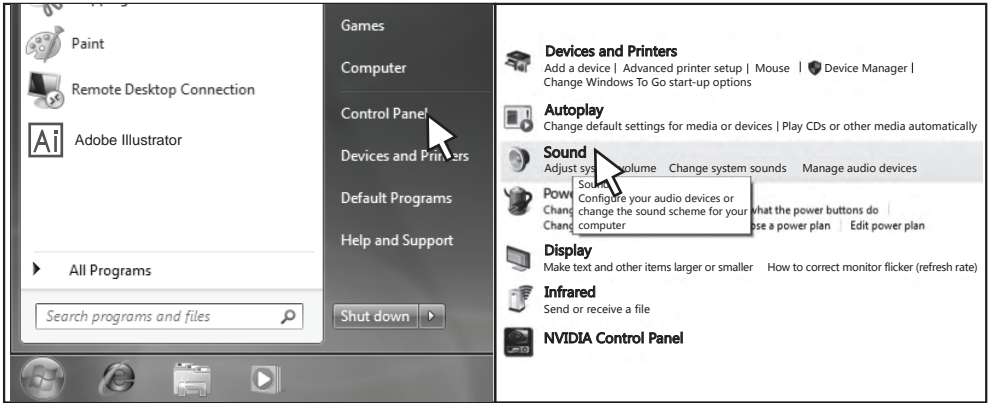
AVOIDING PICKUP OF UNWANTED SOUND SOURCES

Place the microphone so that unwanted sound sources, such as monitors and loudspeakers are directly behind it. To minimize feedback and ensure optimum rejection of unwanted sound, always test microphone placement before a performance.



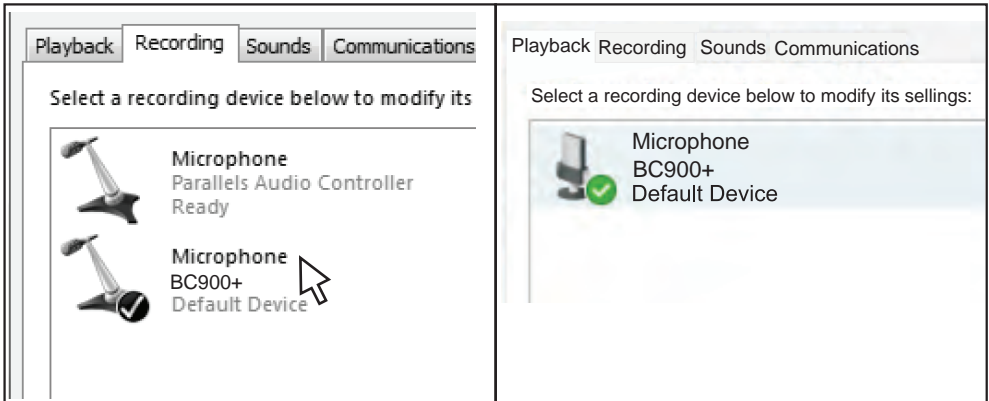
PRELIMINARY SET UP WITH WIN10

1. Plug the free end of the USB cable into the USB port on your computer. Your computer will automatically recognize BC900+.



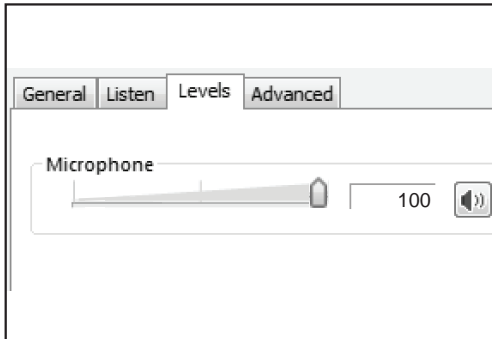
2. Open the Start menu and click on 'Control Panel'

3. Open the 'Sound' preferences from within the Control Panel folder.



4. Open the 'Recording' tab and double click on 'BC900+' from the list of devices.

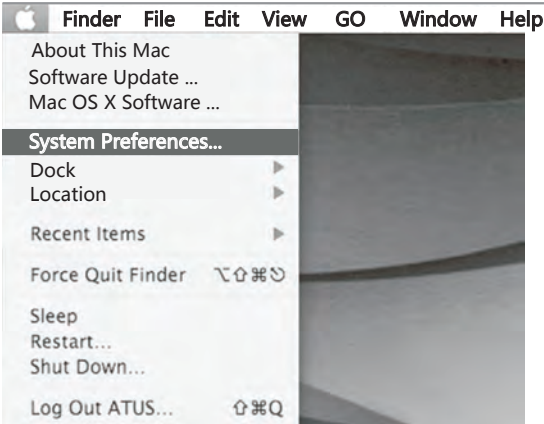
5. Open the 'Playback' tab and double click on 'BC900+' from the list of devices.



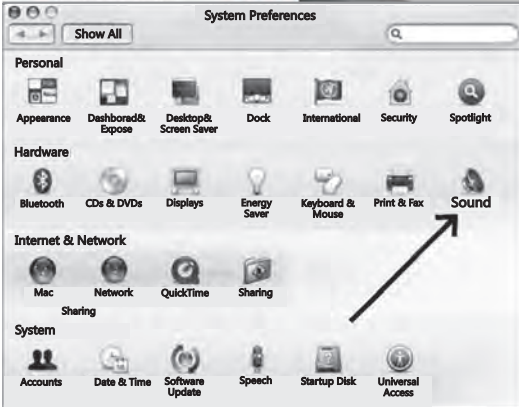
5. Adjust the input level using the slider.

PRELIMINARY SET UP WITH MAC

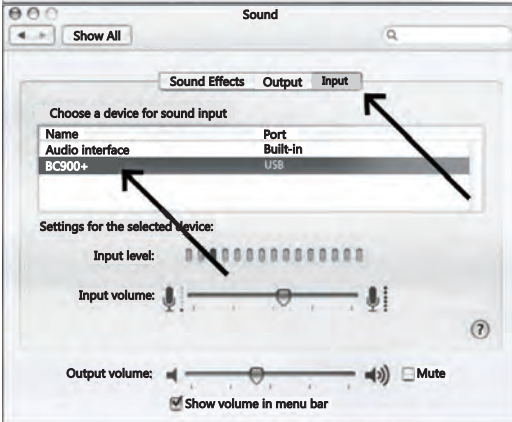
1. Plug the free end of the provided USB cable into the USB port on your computer. Your computer will automatically recognize the USB device then install a driver.



2. To select the Alctron BC900+ as your audio input, first, open your System Preferences.



3. Next, click Sound to display the Sound preference pane.



4. Click the Input/Output tab and select the BC900+ as the device for sound Input/Output

5. Your preferences are now set to use the Alctron BC900+ on your Mac with recording program of your choice.

SPECIFICATIONS

Microphone

* Consumption:	500mW
* Sample rate:	24bit/96kHz
* Capsule:	dynamic
* Polar pattern:	cardioid
* Frequency response:	50-16KHz
* Sensitivity:	-56±2dB
* SPL:	≤140dB
* SNR:	96dB

Headphone

* Impedance:	≥16Ω
* Output power:	100mW@16Ω
* THD+N:	<0.03%
* Frequency response:	20-20KHz
* SNR:	100dB

SERVICE

If your Product needs servicing, follow these instructions.

1. Ensure the problem is not related to operation error or external system devices.
2. Keep this owner's manual. We don't need it to repair the unit.
3. Pack the unit in its original packaging including end card and box. This is very important. If you have lost the packaging, please make sure you have packed the unit properly. ALCTRON is not responsible for any damage that occurs due to non-factory packing.
4. Ship to the ALCTRON tech support center or the local return authorization.

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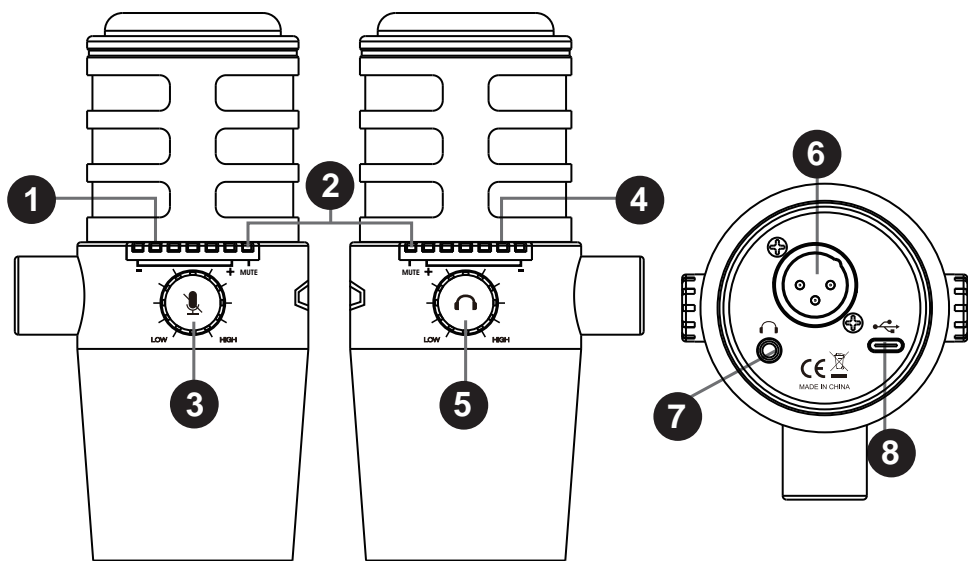
Ningbo Alctron Electronics Technology CO.,LTD.
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Tel:+0086 574 87150672
E-mail:info@alctron-audio.com www.alctron-audio.com

BC900+ XLR/USB两用动圈话筒

产品简介

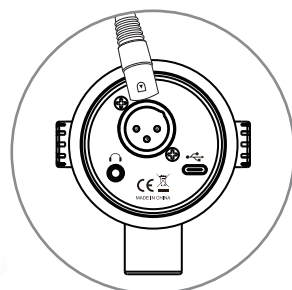
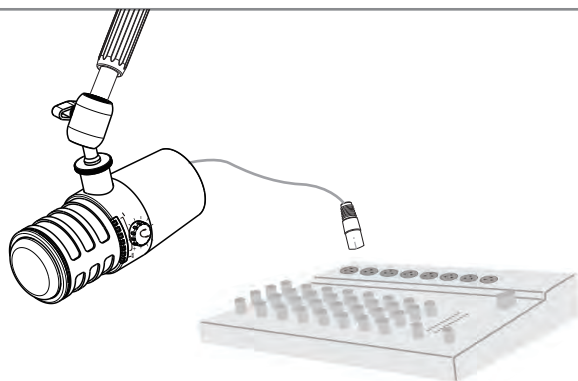
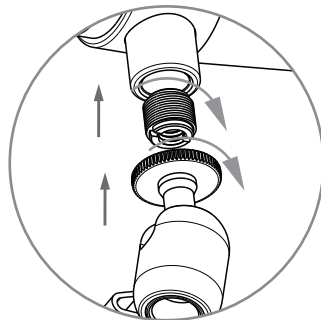
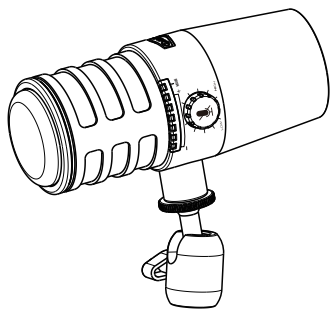
BC900+是一款XLR/USB两用动圈话筒，适用于广播，播客，流媒体以及现场录音制作等。独特电子线路设计搭配动圈音头，降低了对房间的声学环境的要求，拾取声音的深度和细节足矣让听众产生共鸣，犹如身临其境。其心型指向性有效减小侧面和背面杂音的收录，收录方向更加集中。内置高密度防风棉，减少爆破音，LED指示灯防止声音过载和失真，提供饱满，清晰，自然，真实的拾音效果。BC900+兼容Windows和Mac系统，即插即用，无需任何驱动。静音功能，话筒增益调节，输出耳机音量调节，LED指示灯让您可以轻松掌控录音的各个环节。坚固的金属壳身确保产品不易磨损。

功能介绍

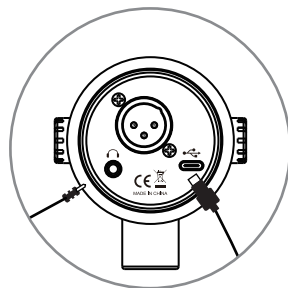
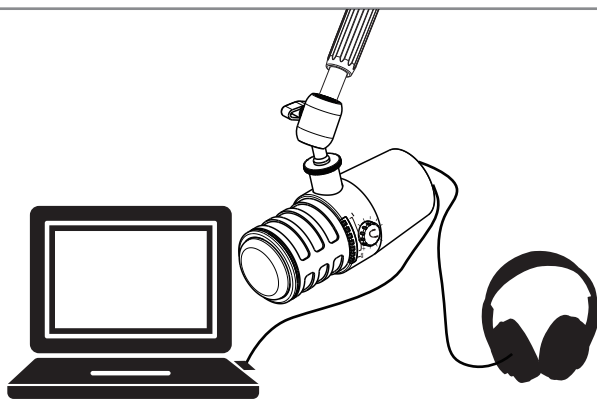


- 1、话筒增益大小指示灯，绿黄红三种颜色指示灯，指示输入增益的大小，避免失真。
- 2、MUTE：静音指示灯，按下(3)键 MUTE亮红灯，表示静音。
- 3、静音+增益调节二合一旋钮，按下此键MUTE(2)亮红灯，表示静音；旋转旋钮调节输入增益大小。此旋钮对三针卡农(6)输出没影响，不起作用。
- 4、耳机音量大小指示灯，绿黄红三种颜色指示灯，指示输出耳机音量的大小，避免失真。
- 5、旋转旋钮调节耳机输出音量大小，此旋钮对三针卡农(6)输出没影响，不起作用。
- 6、三针卡农，连接调音台声卡等设备。
- 7、3.5mm耳机接口，连接耳机用来监听。
- 8、5V：TYPE-C USB接口，连接电脑。

连接



注意：不要打开调音台上的48V开关！

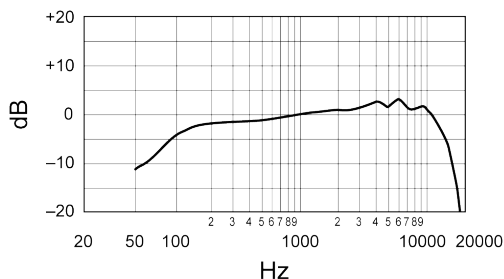
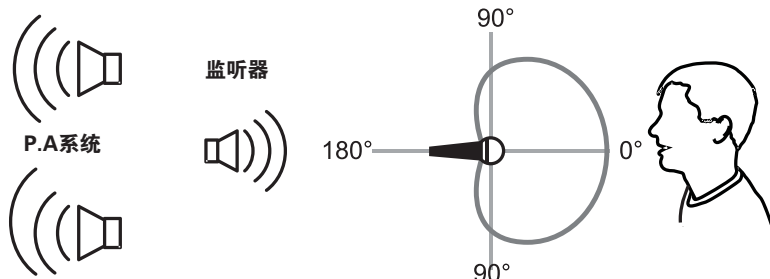


近讲效应

运用	建议话筒放置位置	音质
人声	嘴与防风罩的距离少于15厘米(6英寸), 或轻触防尘罩, 在话筒轴线上。	饱满, 加重低音, 最大程度隔离其他声源。
	与嘴的距离为15至60厘米(6英寸至2英尺), 刚好在鼻子平面上面。	自然, 减弱低音。
	与嘴的距离为20至60厘米(8英寸至2英尺), 稍微偏向一侧。	自然, 减弱低音和“S”声。
	距离90厘米至1.8米(3至6英尺)	薄的远距离声音, 可听见不同程度的环境声。
电吉他&电贝司音箱	与扬声器的距离为2.5厘米(1英寸), 在话筒轴线上扬声器锥盆范围内。	音头锐利; 低频突出。
	与扬声器的距离为2.5厘米(1英寸), 在扬声器锥盆边缘。	音头锐利; 低频突出。
	离扬声器15至30厘米(6至12英寸), 在话筒轴线上扬声器锥盆范围内。	音头平和, 完整的平衡声。
	与扬声器的距离为60至90厘米(2至3英尺), 在话筒轴线上扬声器锥盆范围内。	音头柔软, 低频减弱。

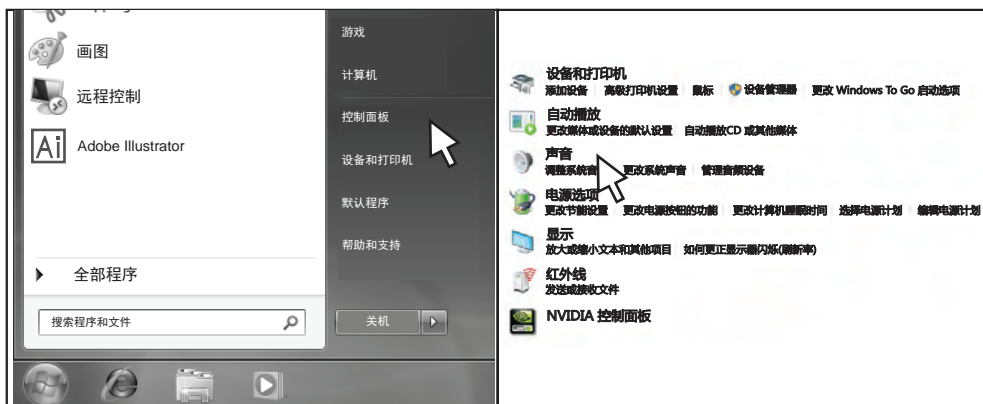
避免拾取不必要的声源

将监听器和扬声器放在麦克风的背面, 这样就能在一定程度上减少啸叫。为了尽量减少反馈和确保能够拒绝不需要的声音, 请您在使用之前先测试麦克风的方位。



WIN10的初步设置

1.把USB 连线的另一端插入计算机上的USB 端口，您的计算机会自动识别USB并安装驱动程序。



2. 打开开始菜单，然后单击“控制面板”。

3. 单击“声音”选项。



4. 打开“声音”选项然后从设备列表中双击BC900+。

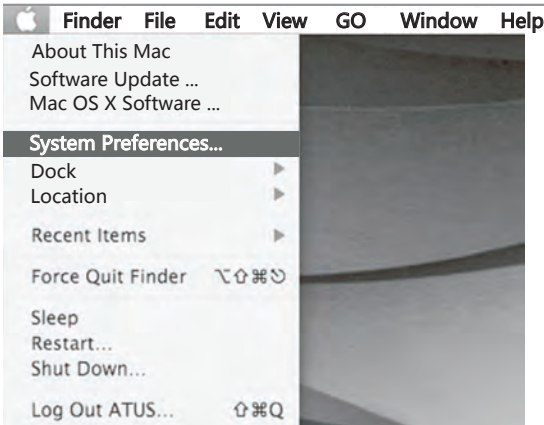
5. 打开“播放”选项然后从设备列表中双击BC900+。



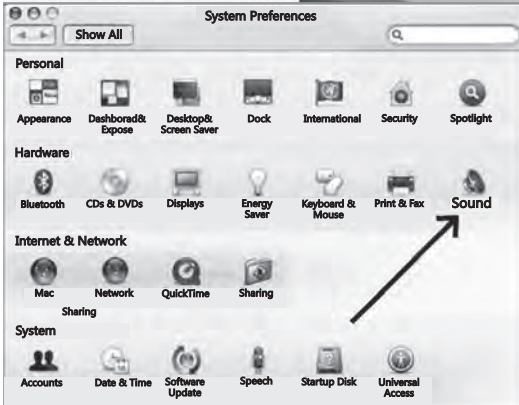
6. 调节输入电平大小。

MAC的初步设置

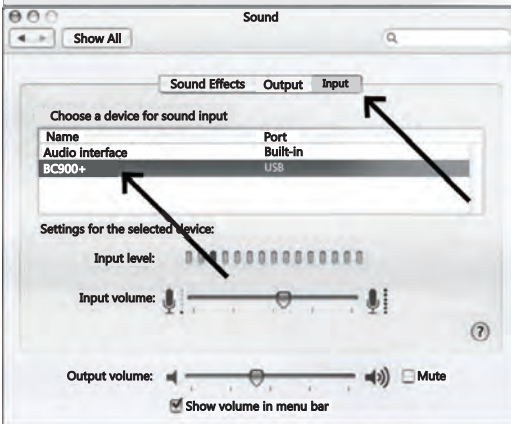
1. 把USB连线的另一端插入计算机上的USB端口，您的机会自动识别USB设备并安装驱动程序。



2. 选择“Alctron BC900+”，作为音频输入，打开“System Preferences”。



3. 点击“Sound”。



4. 点击“Input/Output”并且选择“BC900+”作为声音输入/输出设备。

5. 接下来您就可以用录音软件进行录音了。

参数

麦克风

- * 功耗: 500mW
- * 采样率: 24bit/96kHz
- * 音头: 动圈
- * 拾音模式: 心型
- * 频率响应: 50-16KHz
- * 灵敏度: $-56 \pm 2\text{dB}$
- * 声压级: $\leq 140\text{dB}$
- * 信噪比: 96dB

耳机输出

- * 负载阻抗: $\geq 16\Omega$
- * 输出功率: 100mW@16 Ω
- * THD+N: $< 0.03\%$
- * 频响: 20-20KHz
- * 信噪比: 100dB

保修

如果您的产品需要维修，请按照以下说明操作：

1. 请确保不是因为操作不当或外部设备所造成。
2. 请保存好我们的说明书，返修的时候不必把说明书寄回给我们。
3. 返修的时候请用产品原来的包装箱来包装，这是非常重要的。如果你已丢失原包装，请确保您正确包装和保护好本产品。爱克创是不负责由于非原厂包装造成任何损害。
4. 运送到爱克创技术支持中心或当地的授权经销商。

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