

 **Alctron** 爱克创

**CU58**

## USB 录音麦克风

CU58 USB studio microphone

用户手册

Owner's Manual



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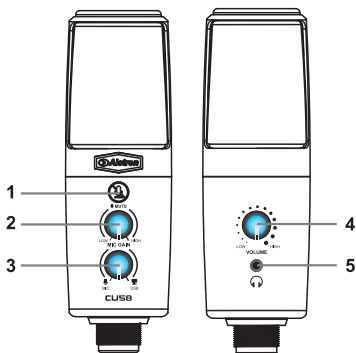
## ▲ IMPORTANT SAFETY INSTRUCTIONS

- \* Do not store the microphone under direct sunlight, near heating devices or in a hot, humid or dusty place. Do not allow the microphone to get wet;
- \* Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat;
- \* Do not subject the microphone to strong impact;
- \* Do not disassemble, modify or attempt to repair the microphone;
- \* Clean only with dry cloth;
- \* When this product is used for a long time, the microphone may become discolored due to ultraviolet light (especially direct sunlight) or wear.

## GENERAL INTRODUCTION

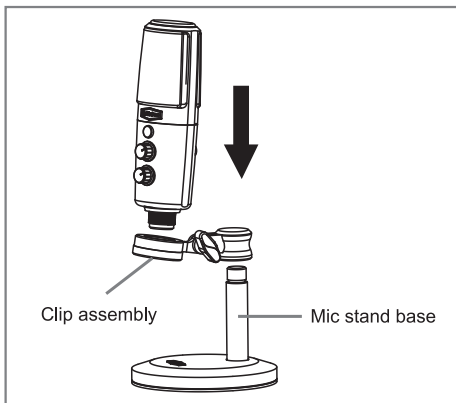
CU58 is a USB microphone with cardioids polar pattern. It features monitor mix control switch, headphone volume control switch, mic gain adjustable switch and mic mute knob. All four switches and knob makes mic more practical. It is a plug-and-play USB device, compatible with Windows and MAC computer. It builds in a purple LED inside the microphone cage that indicates when the microphone has power. Its special mount shock reduces the thrill during recording and stage performance.

## THE INTRODUCTION OF EACH BUTTON

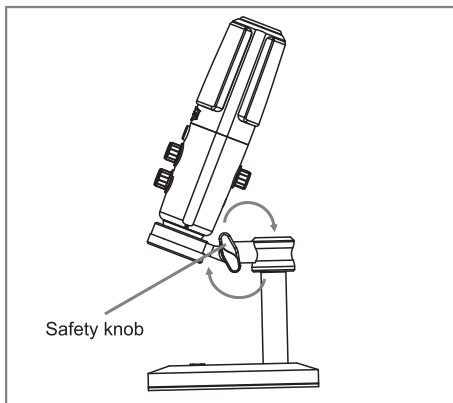


1. MUTE: press the button, make the recording mic in mute position.
2. MIC GAIN: quickly adjust your microphone's sensitivity to your preferred state.
3. MIC/USB: It is used to "mix" between mic signal and the sound from your audio recording software on your computer/device. By turning the knob counter-clockwise, you will hear more of the mic signal and less of the signal coming from the computer/device software. If you turn the knob clockwise, you will hear more of the computer/device signal and less of the mic signal. (We recommend always with the knob in the center position. This will ensure that you are hearing an equal balance of both the mic signal and the computer/device signal, enabling you to achieve an ideal balance between the signals.)
4. VOLUME: adjusts headphone volume.
5. Standard 3.5mm stereo headphone connector.

## INSTALLTION



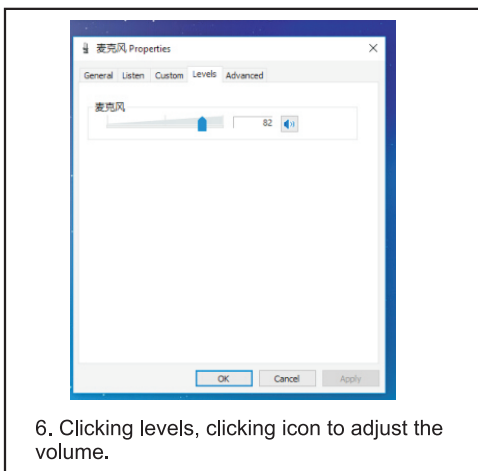
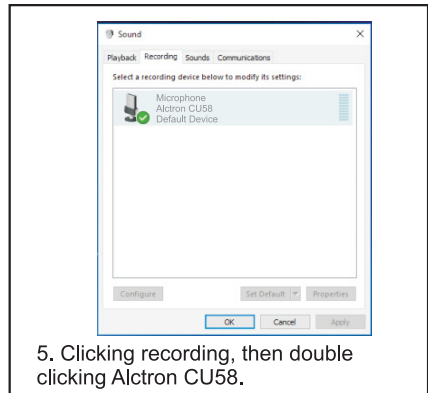
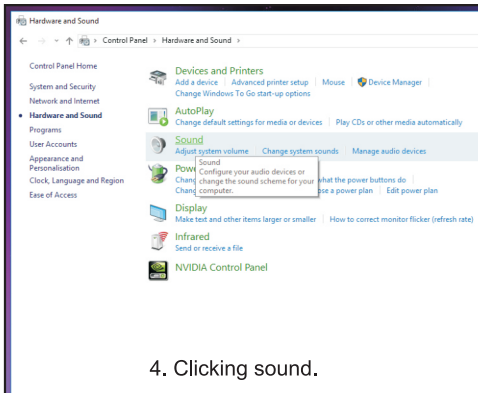
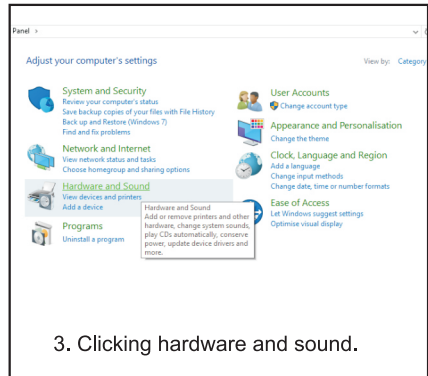
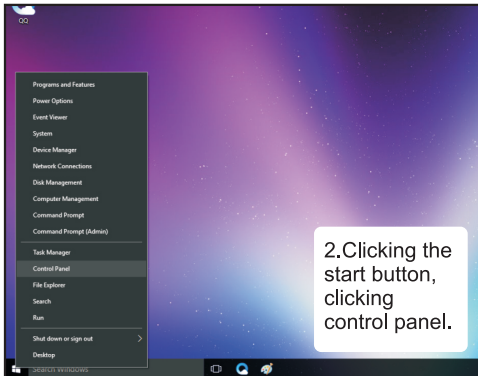
Switch the clip assembly into mic stand base, then switching the mic into mic clip assembly, lock it.



Loosen the safety knob, switching the mic into ideal picking up position, then lock the safety knob. (Adjustable angle from -90°—+90°)

## PRELIMINARY SET UP WITH WIN10

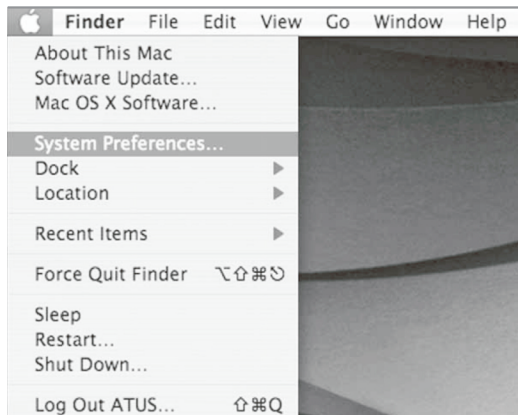
1. Plug the free end of the USB cable into the USB port on your computer. The microphone's purple LED light will illuminate, indicating the mic is receiving power. Your computer will automatically recognize the USB device and install a driver.



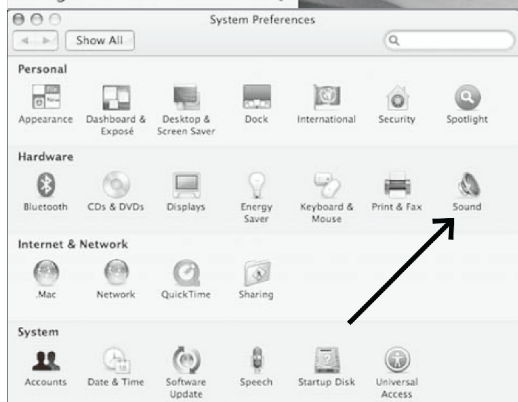


## PRELIMINARY SET UP WITH MAC

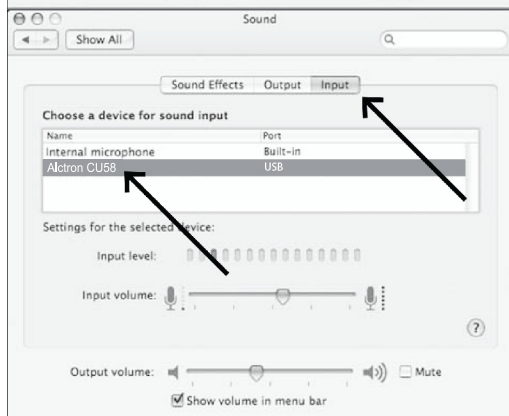
1. Plug the free end of the provided USB cable into the USB port on your computer. The microphone's purple LED will illuminate, indicating the microphone is receiving power. Your computer will automatically recognize the USB device and install a driver.



2. To select the Alctron CU58-USB as your audio input, first, open your System Preferences.



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



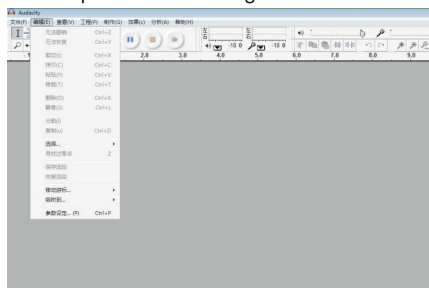
4. Click the Input tab and select the Alctron CU58-USB as the device for sound input.

5. Your preferences are now set to use the Alctron CU58-USB on your Mac with recording program of your choice.

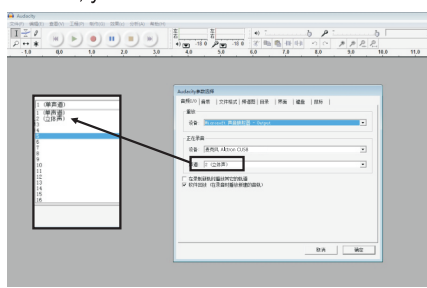
## RECODING SETTING

Taking the audacity recording software as an example, other similar software's setting method is the same:

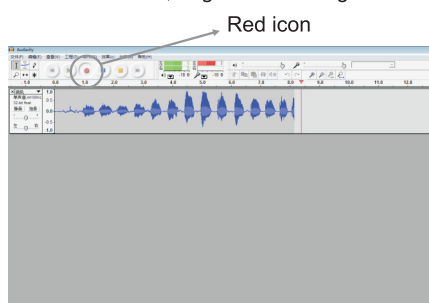
1. After download, click audacity, Choice "edit"-specification setting.



2. Pop up below screen, click the option as shows, you can choice stereo or mono.



3. Click red icon, begin to recording.



4. When starting recording, sound resource should aim to the side which printed "Alctron"



## SPECIFICATION

- \* Capsule: 16mm electrets capsule
- \* Polar pattern: cardioid
- \* Frequency response: 20hz-20khz
- \* Sensitivity: 60dB±3dB
- \* Dynamic range: 96dB
- \* Max SPL: 110dB
- \* Sampling rate: 24bits/96k
- \* Output connection: USB

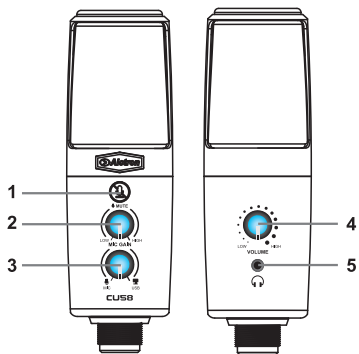
## 安全须知

- \* 请勿将麦克风存放在阳光直射下、暖气设备附近或湿热或多尘的地方；
- \* 请勿将本产品安装在热源附近，如暖气片，炉子或者其它产生热量的设备（包括功放器）；
- \* 请勿使麦克风受到强烈撞击；
- \* 请勿拆卸或改造麦克风；
- \* 请用干布清洁本产品；
- \* 长时间使用本产品时，麦克风部分可能会因紫外线（特别是阳光直射）或磨损而变色。

## 产品介绍

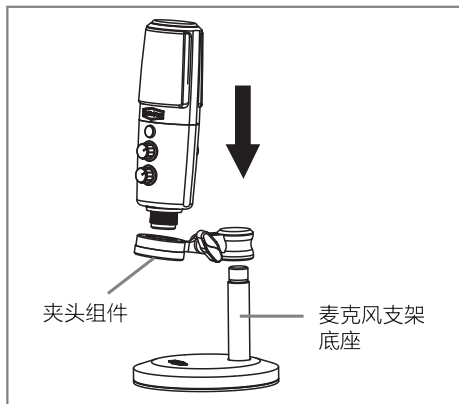
CU58是一款心型指向性的USB麦克风。麦克风带有监听混音控制，耳机音量控制，麦克风增益调节和麦克风静音四个旋钮。所有的四个旋钮使得麦克风更加的实用。即插即用的USB麦克风，兼容Windows和MAC系统。其内置紫色的LED灯，当有电源输入的时候，紫色的LED灯亮起。独特的防震架设计能够减少录音和舞台表演时的震动。

## 各个按钮的功能介绍

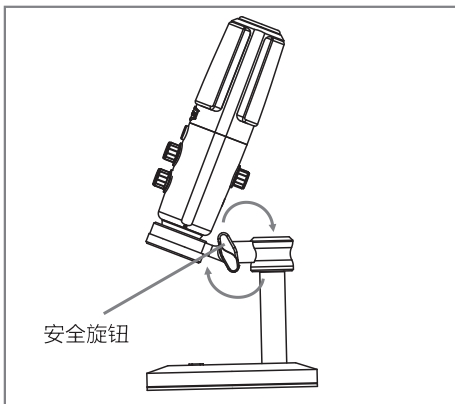


1. MUTE：按下这个键使正在录音时的麦克风处于静音状态。
2. MIC GAIN：快速的调节您的麦克风的灵敏度使它处于适合的状态。
3. MIC/USB：用于调整话筒的信号，以及电脑/设备上的音频录制软件播放的声音直接的比例。逆时针旋转旋钮，话筒信号会变大，电脑/设备上的信号会变小。顺时针旋转旋钮，电脑/设备上的信号会变大，话筒信号会变小。（您可以从旋钮中心位置开始调整，真确保您听到的麦克风信号和电脑/设备信号两者的均衡效果，使您能够实现信号之间的平衡）。
4. VOLUME：调节耳机音量。
5. 标准的3.5mm立体声耳机接口。

## 安装



将夹头组件旋入麦克风支架底座，随即将麦克风旋入夹头组件，拧紧即可。



拧松安全旋钮，将麦克风位于理想的拾音位置，将安全旋钮拧紧即可（可调节度-90°到+90°）。

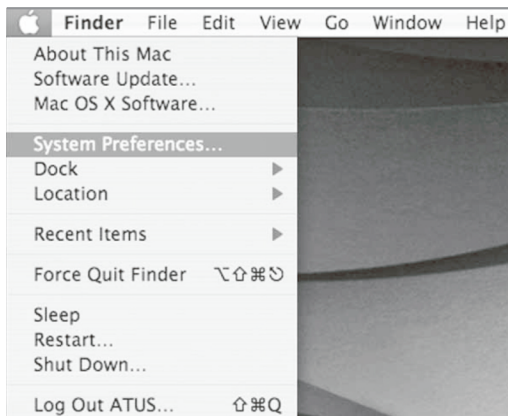
## WIN10的初步设置

1.把USB 连线的另一端插入计算机上的USB 端口，话筒的紫色LED 将会亮起，表示话筒已接通供电。您的计算机会自动识别USB 设备并安装驱动程序。

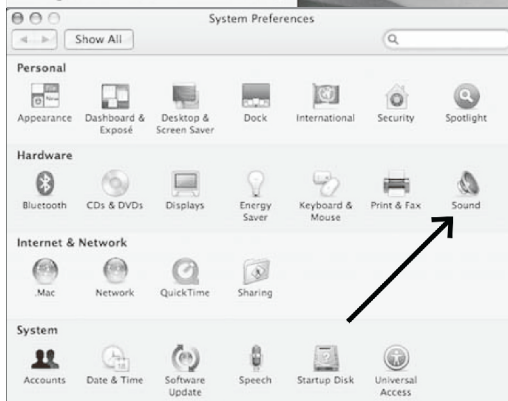


## MAC的初步设置

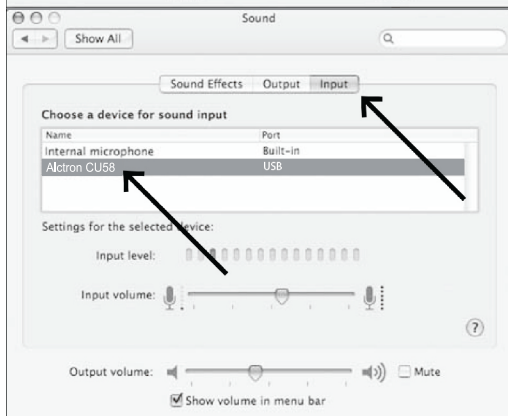
1. 把USB连线的另一端插入计算机上的USB端口，话筒的紫光LED将会亮起，表示话筒已接通供电。您的计算机会自动识别USB设备并安装驱动程序。



2. 选择“Alctron CU58-USB”，作为音频输入，打开“System Preferences”。



3. 点击“Sound”。



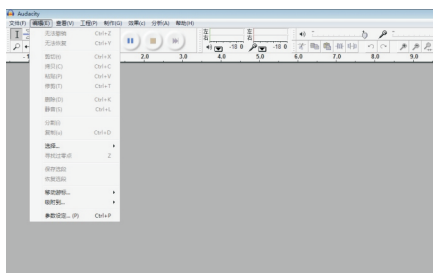
4. 点击“Input”并且选择“Alctron CU58-USB”作为声音输入设备。

5. 接下来您就可以用录音软件进行录音了。

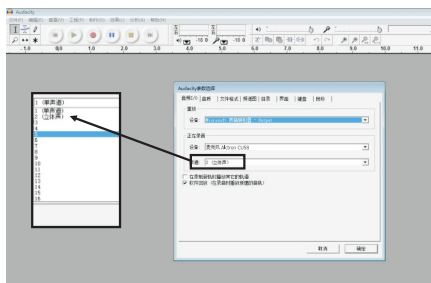
## 录音软件设置

以Audacity录音软件为例,其它类似软件设置方法一样:

1. 下载好软件后, 点击进入软件页面, 选择编辑-参数设定

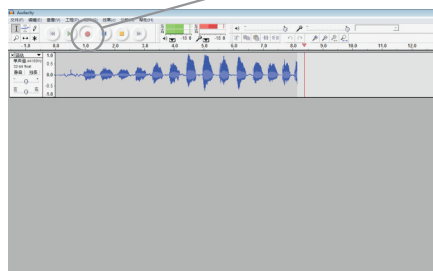


2. 会出现以下窗口, 选择跟画面一样的选项, 声道可以选择立体声或者单声道。



3. 点击红色图标, 开始录音。

红色图标



4. 当您开始录音的时候, 音源要对准印有 "Alctron" 字样的那面。



## 产品参数

- \* 音头: 16mm驻极体音头
- \* 指向性: 心型
- \* 频响: 20hz-20khz
- \* 灵敏度: 60dB ± 3dB
- \* 动圈范围: 96dB
- \* 最大声压级: 110dB
- \* 采样率: 24bits/96k
- \* 输出接口: USB接口



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