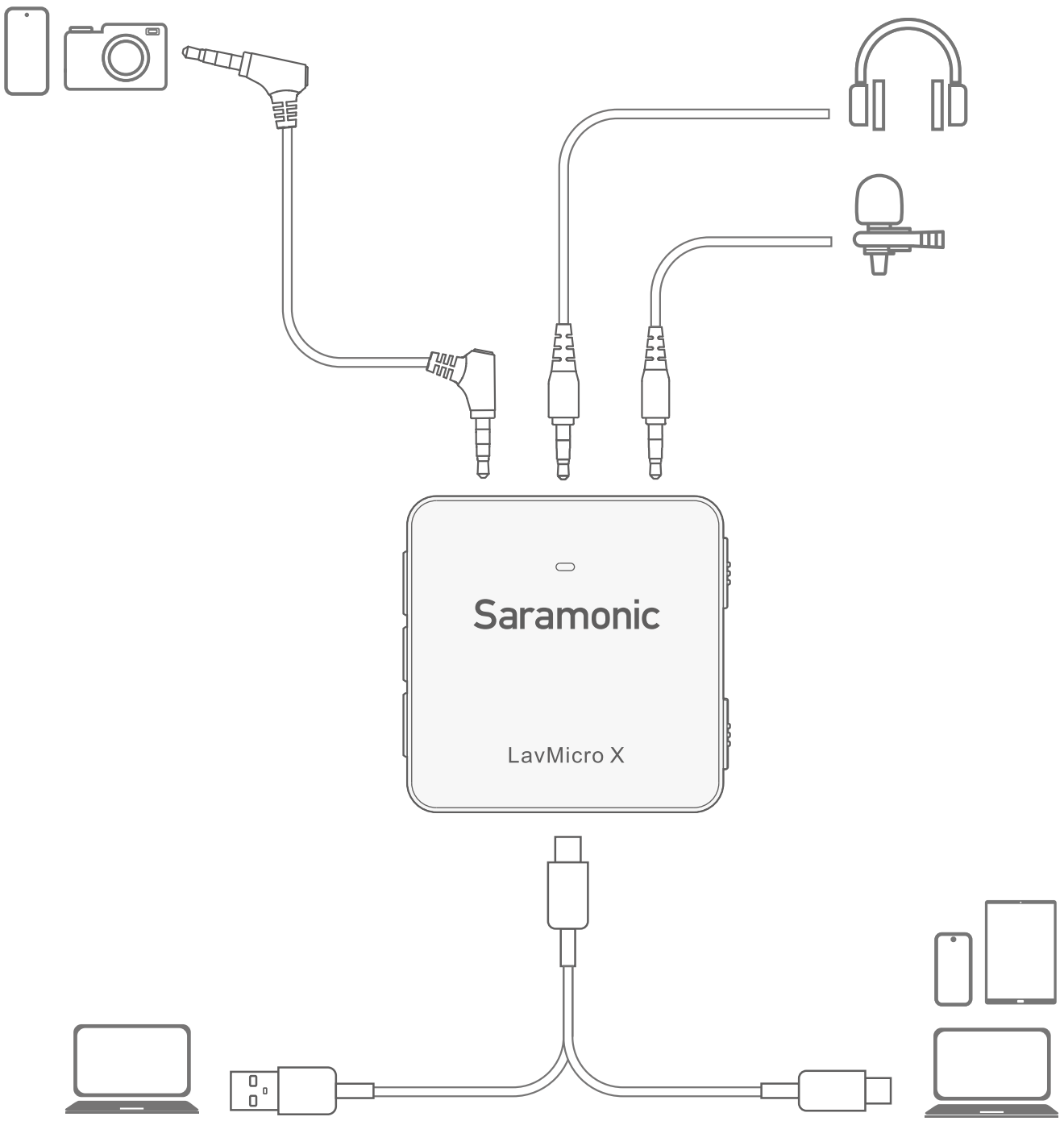
Saramonic

Wired Microphone
有线麦克风

LavMicro X

User Manual
用户手册


Saramonic
LavMicro X

Statement

Please read this manual carefully before using and strictly operate and store it in accordance with the instructions. Please save the manual for your future reference. If you need further assistance than the user manual, please consult your retailer for help or email us: **info@saramonic.com**

Cautions

1. Non-professional teardown is strictly prohibited.
2. Please keep it away from heat sources such as heaters or ovens.
3. Do not remove the battery without professionals' help.
4. Please clean the device with only a soft, dry cloth.
5. When using and storing, please keep away from the dust and moisture.

General Introduction

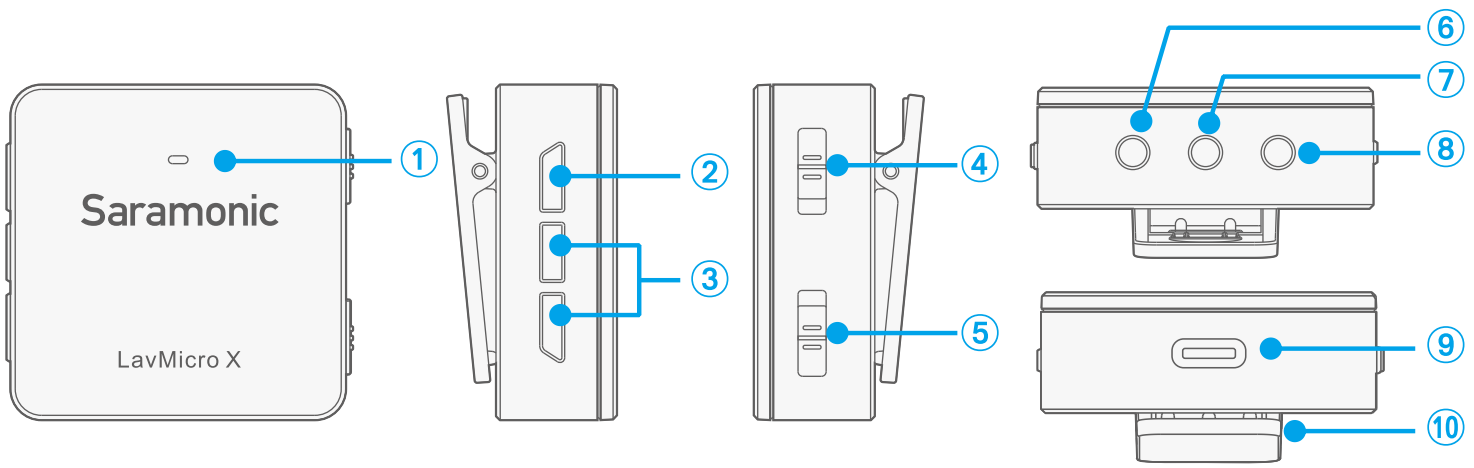
The Saramonic LavMicro X, a professional wired microphone, needs to be used with a 3.5mm lavalier microphone or line-in device. This ultra-portable and incredibly lightweight mic boasts flexible outputs for connecting to smartphones, tablets, laptops, cameras, recorders, mixers, and other audio/ video recording devices. Ideal for content creators, filmmakers, journalists, vloggers, live streaming, and so much more.

Features

- Wide-range 20-20,000Hz frequency response - deliver exceptional high-quality sound
- 3.5mm auto-sensing TRS/TRRS analog output & USB-C digital output - universal compatibility with cameras, smartphones, laptops, and much more

- Ability to switch between real-time or playback monitoring
- Microphone mute control & Flexible mic gain control (16-level)
- In-built rechargeable lithium-ion battery – up to 8-hour battery life
- Adaptive low-power mode for saving battery life on your microphone

Product Structure



① Status Indicator

Indicator	Status
Static blue	Recording
Static red	Mute
Blinking red	Low battery
Static red	Charging (in a state of shutdown)
Blinking red and blue alternately	Charging (in a state of power-up)
Blinking blue twice quickly	Maximum/ Minimum gain; Reseted

② Power Button

- Press and hold for 2 seconds power on or off.
- Press to mute or unmute the microphone.

③ +/- Button

- Press to increase or decrease mic gain.
- The mic gain can be set from 0 to 15 (defaults to 6).
- Press and hold the "+" and "-" buttons at the same time to reset the LavMicro X. Please use it with caution.

④ External Device Selector

For mobile devices with TRRS mic input/ line input, such as smartphones, tablets, and laptops.

For devices with TRS stereo audio input such as cameras, recorders, mixers and more.

⑤ Monitor Mode Selector

REC Real-time monitoring: Can monitor microphone input in real-time. Can also monitor the sound played by a smartphone or a laptop connected via the USB port synchronously.

PLAY Playback monitoring: Can also monitor the sound played by a smartphone or a laptop.

⑥ 3.5mm TRS Input

For connecting the included lavalier microphone or other 3.5mm microphones/ line-in devices.

⑦ 3.5mm TRS Monitor Port

Connect your headphone to monitor the audio output.

⑧ 3.5mm TRS/TRRS Output

For audio output to a camera, a smartphone or a mixer, etc.

⑨ USB-C Data Port

Used for charging. Can also be used for audio output to a smartphone, a tablet or a laptop, etc.

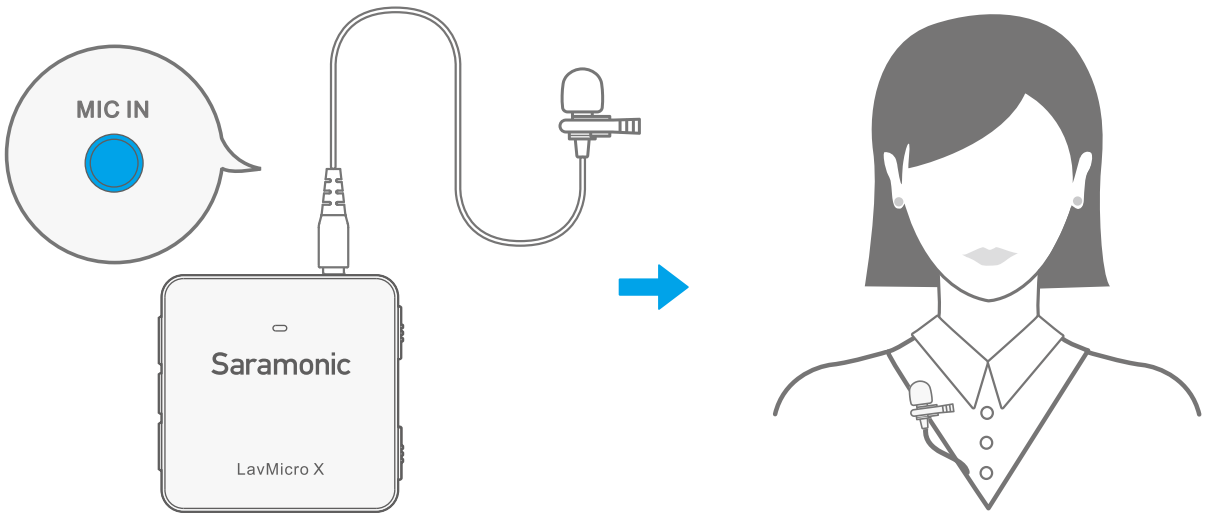
⑩ Belt Clip

Operation Guide

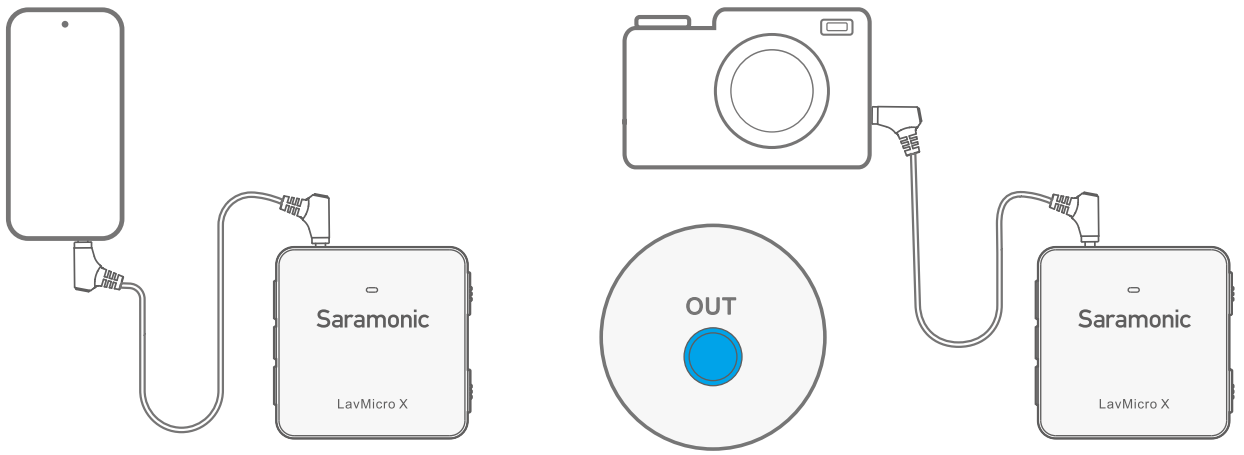
1. Press and hold the power button for 2 seconds to turn on the LavMicro X.



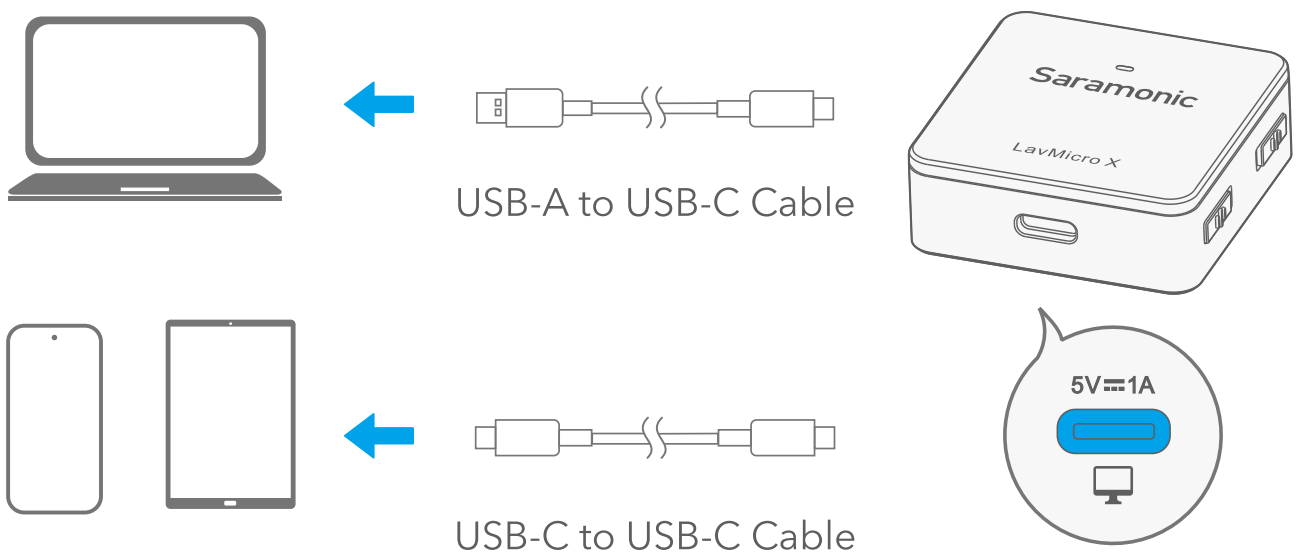
2. Connect the 3.5mm TRS lavalier microphone to it's audio input port.



3. Connect a camera, a smartphone or a laptop to the audio output port (3.5mm TRS/TRRS Output or USB-C Data Port) of the LavMicro X with an adapter cable.

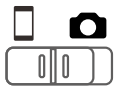


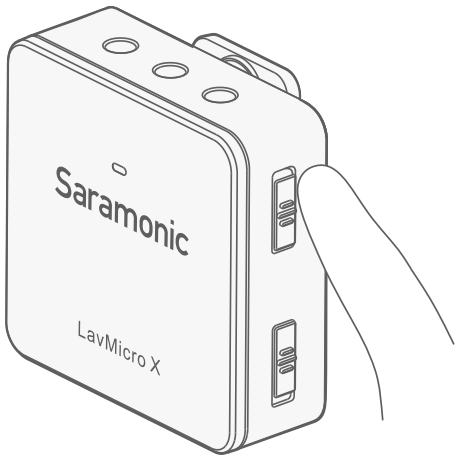
3.5mm TRRS to 3.5mm TRRS Audio Cable

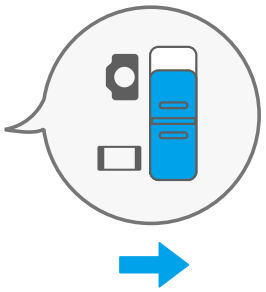


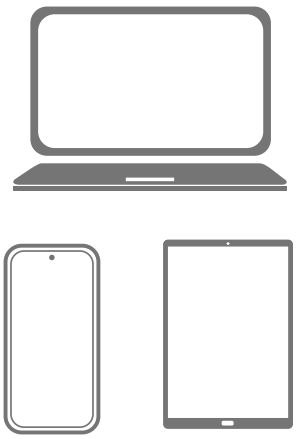
USB-A to USB-C Cable

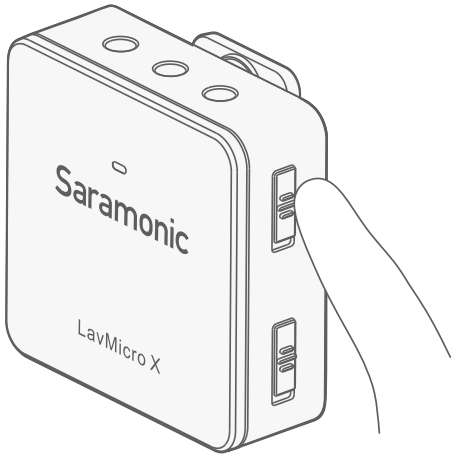
USB-C to USB-C Cable
(sold separately)

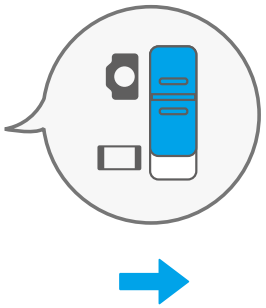
4. Toggle  to the corresponding mode.

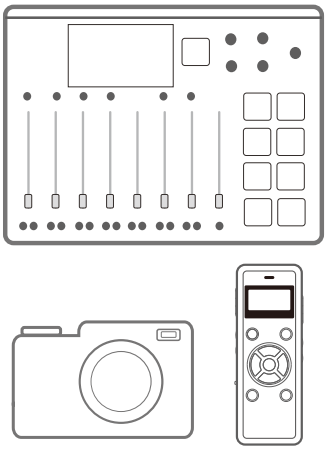






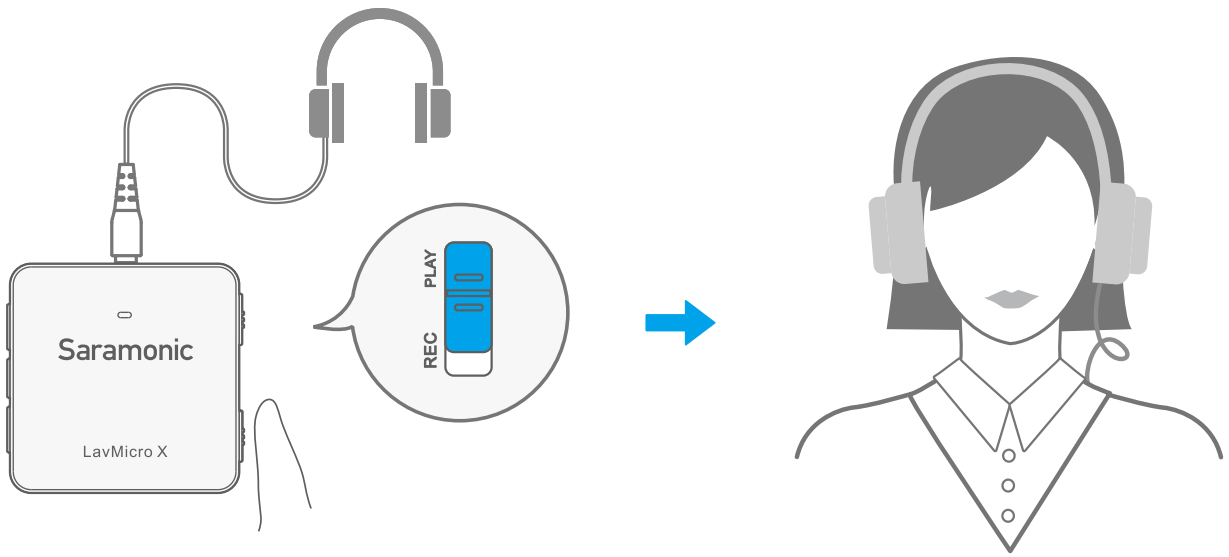






5. Plug your headphones for audio monitoring as your need and then toggle 

to select real-time monitoring or playback monitoring.



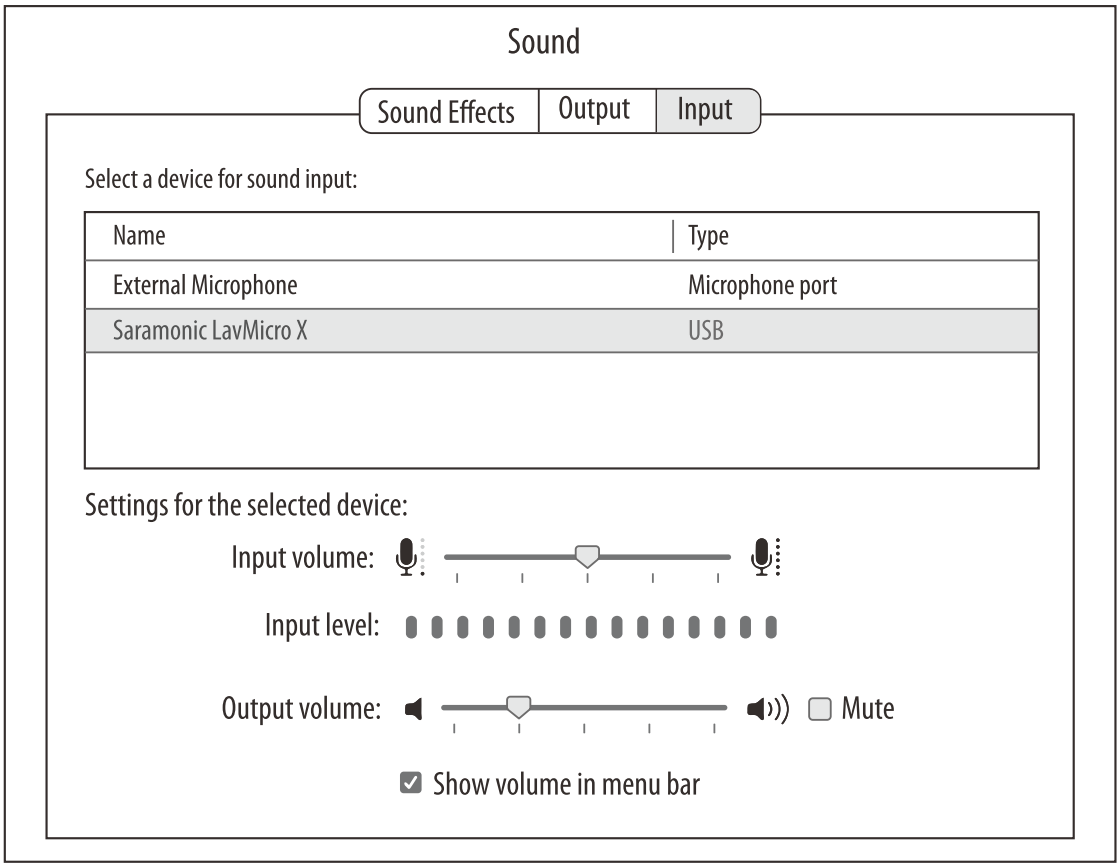
HINT: When LavMicro X is connected to mobile devices such as smartphones and laptops via USB, the playback monitoring volume can be adjusted on those playback devices.

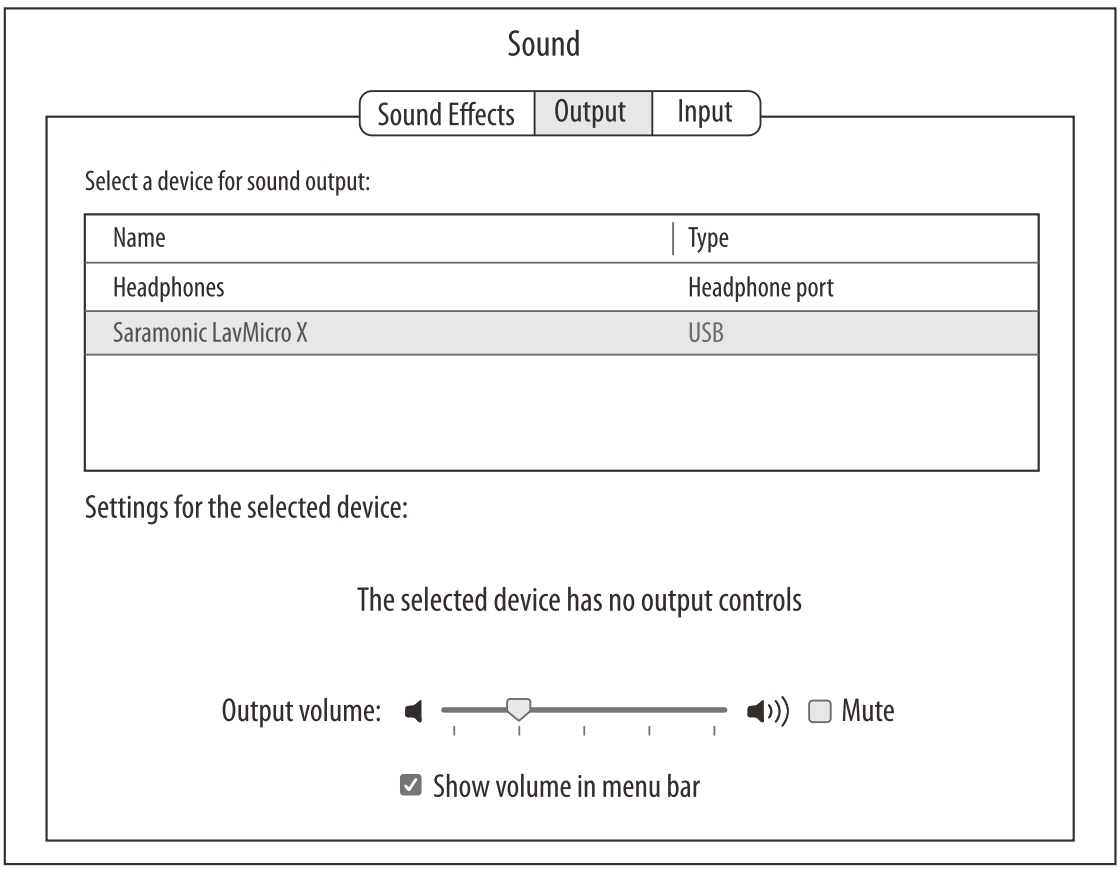
6. You are ready to record.

Procedure Setup

Set up for Mac

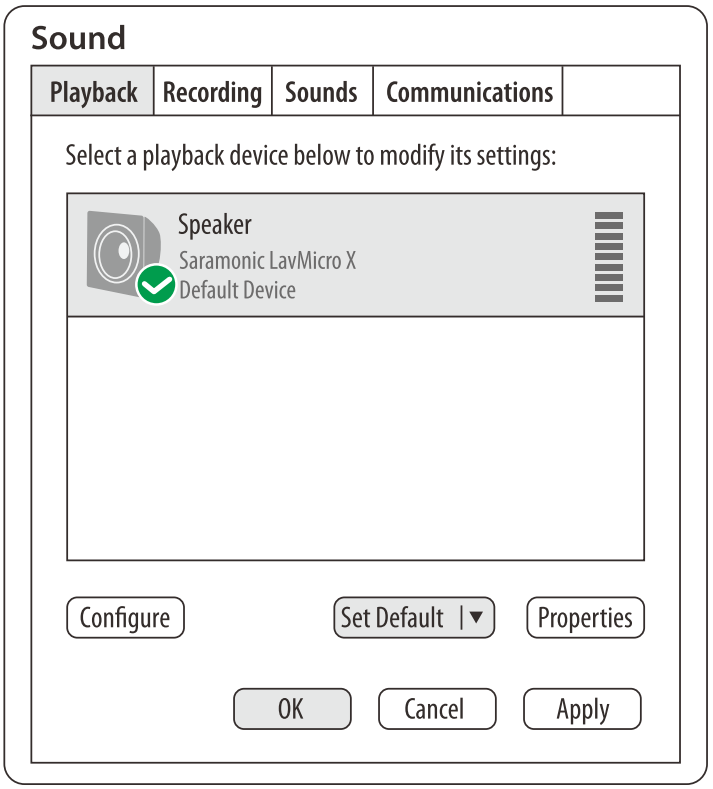
1. Connect the LavMicro X to your laptop with the included USB-A to USB-C cable.
2. Open System Preferences and select the Sound icon.
3. Select "Saramonic LavMicro X" under the “Input” tab.
4. Select "Saramonic LavMicro X" under the “Output” tab.

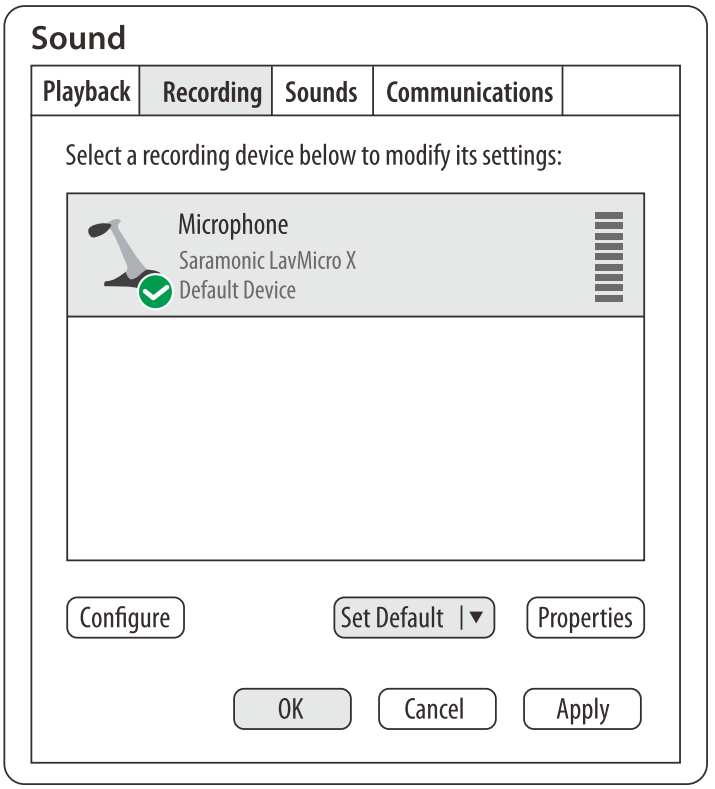

Sound
Sound Effects
Output
Input
Select a device for sound input:
Name
Type
External Microphone
Microphone port
Saramonic LavMicro X
USB
Settings for the selected device:
Input volume:
Input level:
Output volume:
Mute
Show volume in menu bar


Sound
Sound Effects
Output
Input
Select a device for sound output:
Name
Type
Headphones
Headphone port
Saramonic LavMicro X
USB
Settings for the selected device:
The selected device has no output controls
Output volume:
Mute
Show volume in menu bar

Set up for Windows

1. Connect the LavMicro X to your laptop with the included USB-A to USB-C cable.
2. Go to the Control Panel→Hardware and Sound→Manage audio devices.
3. Select "Saramonic LavMicro X" as the default device under the “Playback” tab.
4. Select "Saramonic LavMicro X" as the default device under the “Recording” tab.





Set up for USB-C Devices

1. Connect the LavMicro X to your smartphone, tablet, laptop, etc. with a USB-C port.
2. Open a recording app, you are ready to record when the recording app shows the model "Saramonic LavMicro X";

Specifications

Frequency Response	20Hz-20kHz
Distortion	<0.01%
Signal-to-Noise Ratio	>80dB
Audio Input Connector	3.5mm TRS Input; USB-C Port
Monitoring Connector	3.5mm TRS Monitor Port Gain: 30dB
Audio Output Connector	3.5mm TRS/TRRS Output (auto-sensing); USB-C Port Gain: 25dB
Battery Capacity	300mAh
Charging Connector	USB-C
Charging Current	<200mA@5V
Charging Time	Approx. 2 hours
Battery Life	Approx. 8 hours
Weight	0.95oz (27g)
Dimensions	1.69×1.69×0.61" (43×43×15.5mm)
Operating Temperature	0°C to +50°C
Storage Temperature	-10°C to +50°C

Troubleshooting

If you encounter problems when using the unit, please refer to the following checklist before contacting technical support. If the problem cannot be solved, please contact the dealer's after-sales service department.

- **If there is no sound from the unit or no sound when connected to an external device**

① Make sure your microphone is fully inserted into the unit.

② Make sure the External Device Selector of the unit is correct. Toggle it to 📷 when the unit is connected to a camera, recorder, etc., and toggle it to 📱 when the unit is connected to a mobile device such as a smartphone or laptop. Please refer to the "Operation Guide" above for details.

③ Please check if the unit is muted (the indicator LED is static red when muted). Press the power button to unmute it.

④ No sound from the unit's monitor port? Make sure the unit is in real-time monitoring mode (**REC**) so that the microphone input can be monitored.

- **If sound of the unit is too low or too loud or even distorted**

  Press the "+" and "-" buttons to adjust the mic gain and find the most suitable gain level for recording in the current situation to improve the recording effect.

- **Failed to connect to a smartphone**

① Make sure the External Device Selector of the unit has been toggled to 📱. Please refer to the "Operation Guide" above for details.

② Make sure the "OTG" of the smartphone has been enabled.

③ If the smartphone is still not recognized, please contact our customer service.

- **Current noise or other abnormal noise appears during monitoring**

  Replace the power strip that is connected to an external power supply for charging.

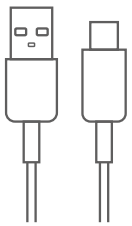
- **Unable to adjust volume during playback**

  The "+" and "-" buttons of the unit can only adjust the mic input gain. The volume during playback can be adjusted on the external device such as a camera, recorder, or smartphone.

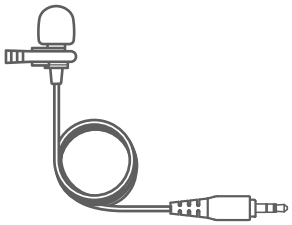
In the Box



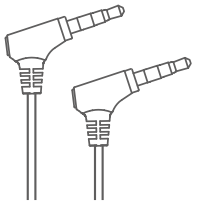
1× LavMicro X



1× USB-A to USB-C Cable

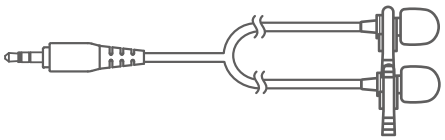


1× Lavalier Microphone
with Single Capsule

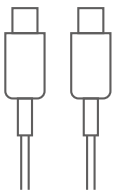


1× 3.5mm TRRS to
3.5mm TRRS Audio Cable

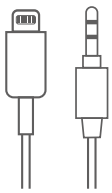
Other Audio Adapters (Sold Separately)



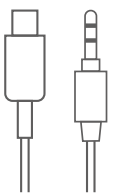
Lavalier Microphone
with Dual Capsule



USB-C to USB-C Cable



3.5mm TRS Male to Lightning
Audio Cable (SR-C2000)



3.5mm TRS Male to USB-C
Audio Cable (SR-C2001)

声明

请在使用前仔细阅读本手册，并严格按照说明进行操作和存储。请妥善保存好说明书以供将来参考。如果用户手册不能帮助您解决某些问题，请向零售商寻求帮助或给我们发送电子邮件：info@saramonic.com

注意事项

1.请勿擅自拆开机壳；
2.请勿将本机靠近热源，如加热器、烤箱或其他产生热量的设备；
3.电池不可自行更换；
4.请使用柔软的干布清洁本设备；
5.在使用和储存时，请注意防尘和防潮。

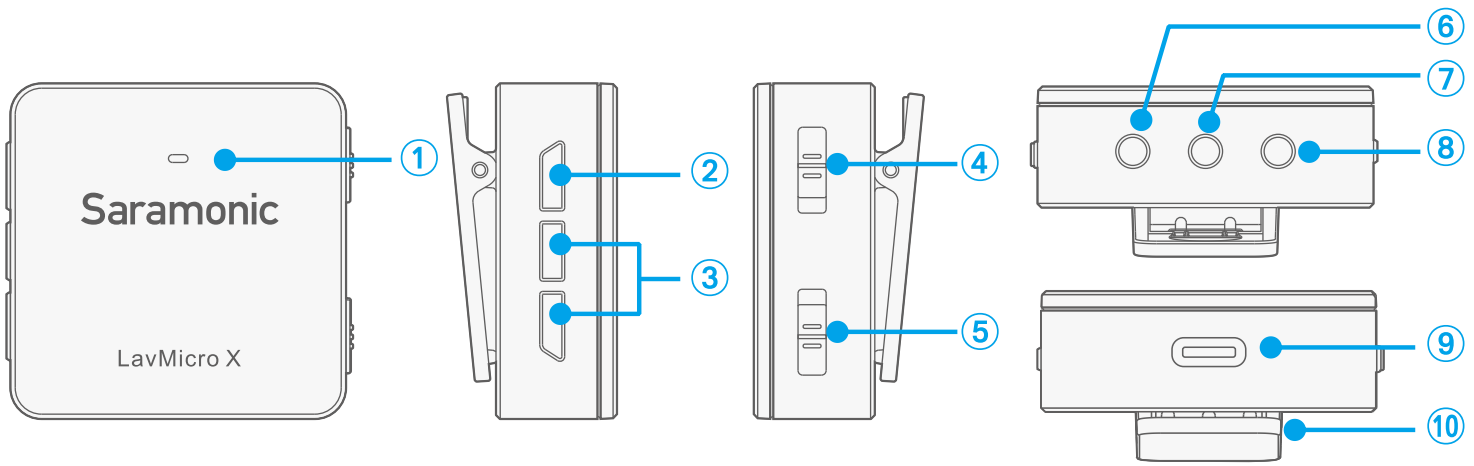
概述

枫笛LavMicro X是一款专业级有线麦克风，需搭配3.5mm领夹麦/线性输入设备使用。轻巧便携，灵活输出，通用兼容智能手机、平板、电脑、相机、录音笔、混音器和其他音频/视频录制设备。非常适合内容创作者、电影制作人、记者、视频博主、主播等人群。

特点

- 20-20,000Hz频响范围，高品质还原真实声音
- 3.5mm自适应TRS/TRRS模拟输出、USB-C数字输出——广泛兼容相机、智能手机、电脑等
- 自由切换实时监听或回放监听模式
- 一键静音；精细调节16档麦克风增益
- 内置可充电锂电池——续航长达8小时
- 自适应低功耗模式，延长电池续航能力

产品结构



① 状态指示灯

指示灯	状态
蓝灯常亮	录音
红灯常亮	静音
红灯闪烁	低电量提示
红灯常亮	充电中(关机状态下)
红蓝灯交替闪烁	充电中(开机状态下)
蓝灯快闪2次	最大/最小增益提示; 将本机恢复出厂设置

② 电源键

长按2秒开/关机, 短按静音/取消静音。

③ +/-键

- 短按增加/减小麦克风增益;
- 麦克风增益设定值范围为0~15, 默认设置为6档;
- 同时长按 “+” 键和 “-” 键将本机恢复为出厂设置。(请谨慎使用此功能)

④ 设备模式切换键

此模式适用于TRRS麦克风/ 线性输入设备，如手机、平板电脑、电脑等移动设备。

此模式适用于TRS立体声输入的设备，如相机、录音笔、混音器等。

⑤ 监听模式切换键

REC 实时监听：监听孔可以实时监听麦克风输入的声音，也可同步监听USB端手机或电脑播放的声音。

PLAY 回放监听：监听孔可以监听到手机/电脑端播放的声音，不可听到麦克风输入的声音。

⑥ 3.5mm TRS输入孔

用于连接随附的领夹麦或其他3.5mm麦克风/线性输入设备。

⑦ 3.5mm TRS监听孔

接入耳机可进行音频监听。

⑧ 3.5mm TRS/TRRS输出孔

输出音频至相机、手机、混音器等设备。

⑨ Type-C数据接口

用于充电，也可用于输出音频至智能手机、平板或电脑等设备。

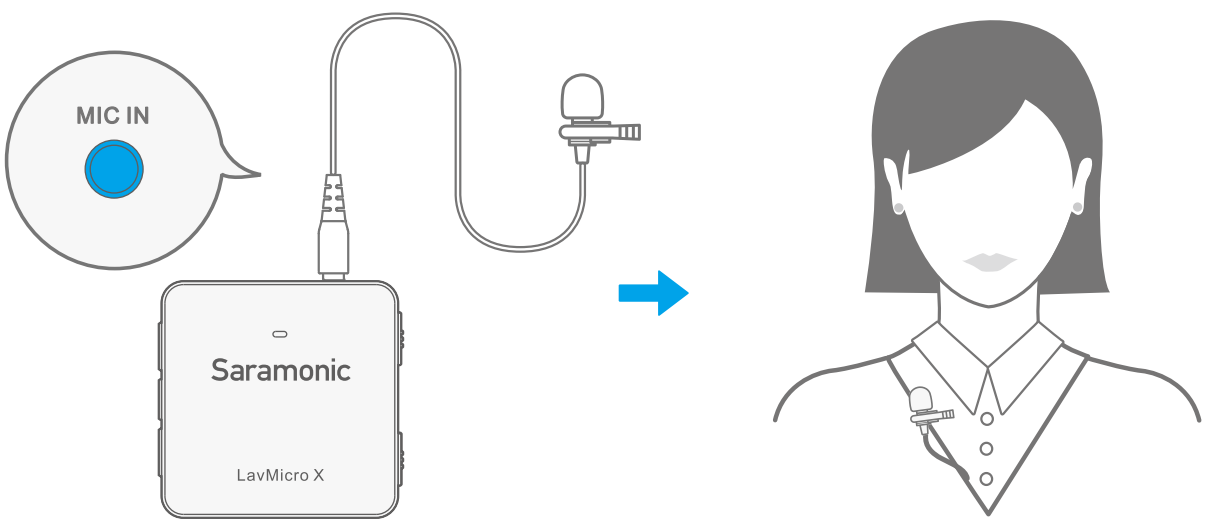
⑩ 背夹

操作指南

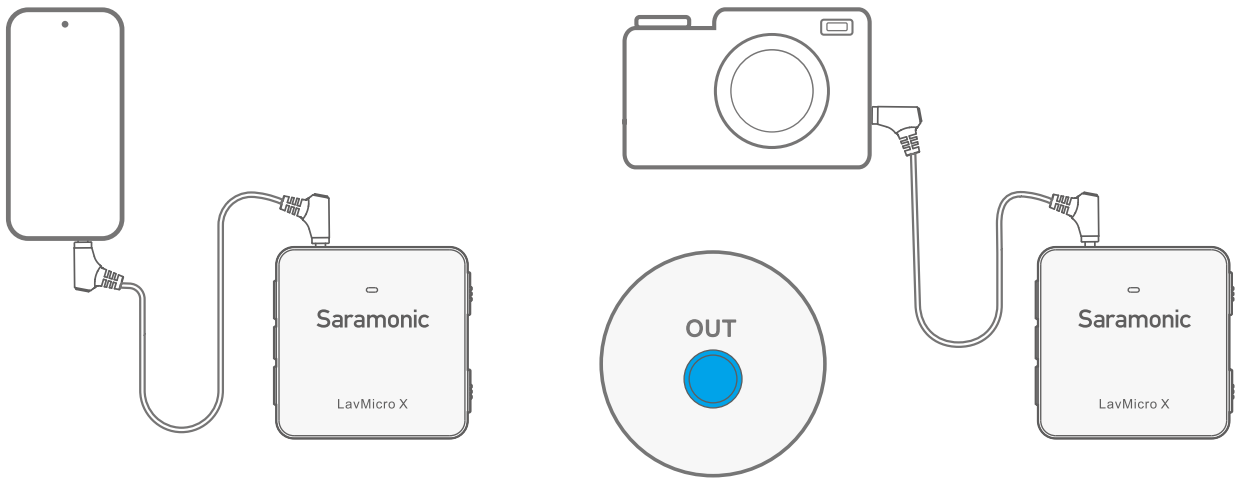
1. 长按LavMicro X电源键2秒开机；



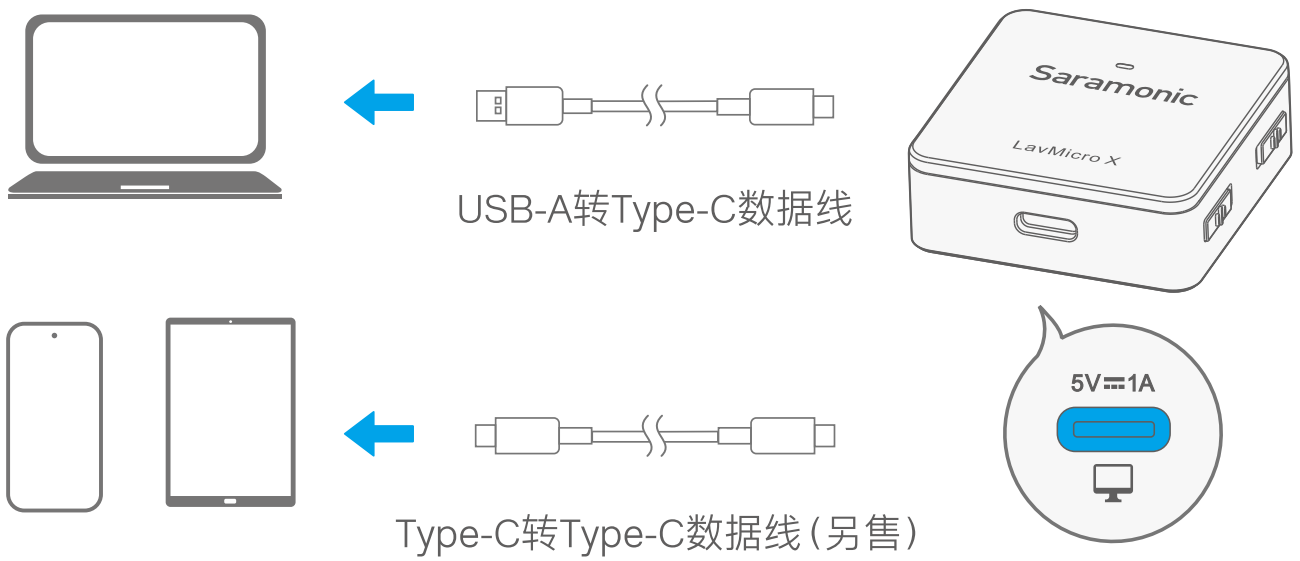
2. 将3.5mm TRS有线领夹麦连接至LavMicro X的音频输入孔；



3. 使用适配音频线或USB数据线将相机、手机或电脑等设备连接至LavMicro X的音频输出口（3.5mm TRS/TRRS输出孔或Type-C接口）；



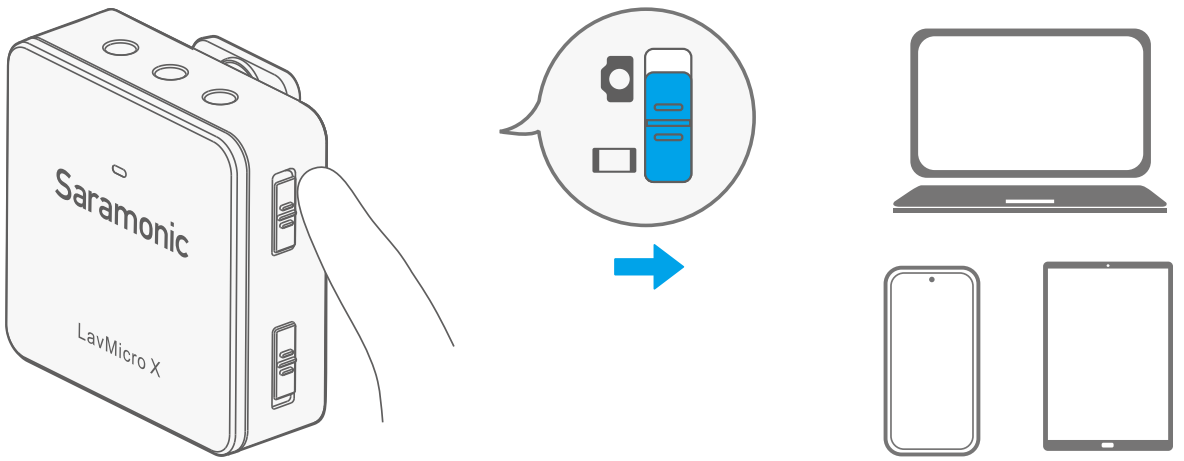
3.5mm TRRS转3.5mm TRRS音频线

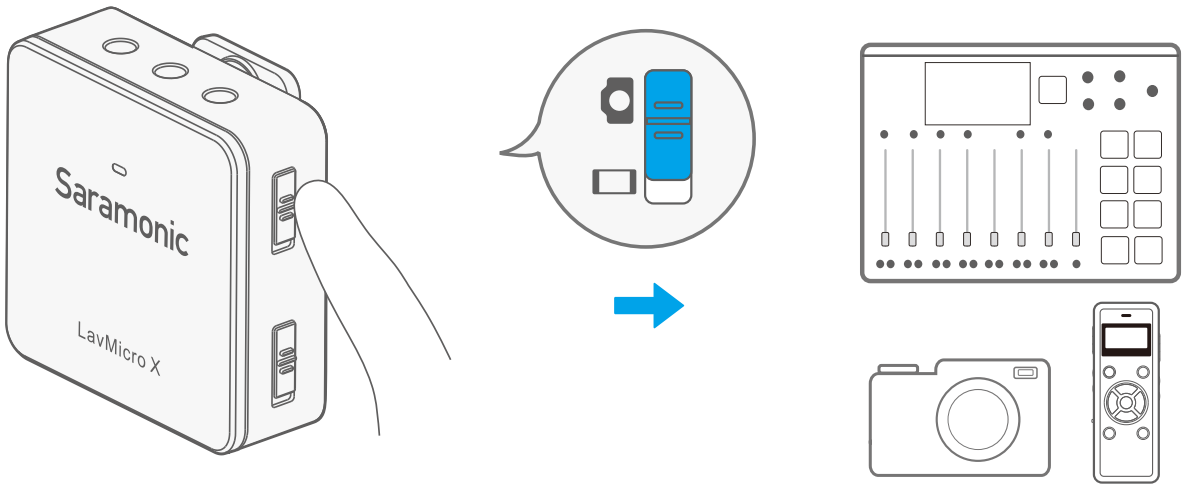


USB-A转Type-C数据线

Type-C转Type-C数据线（另售）

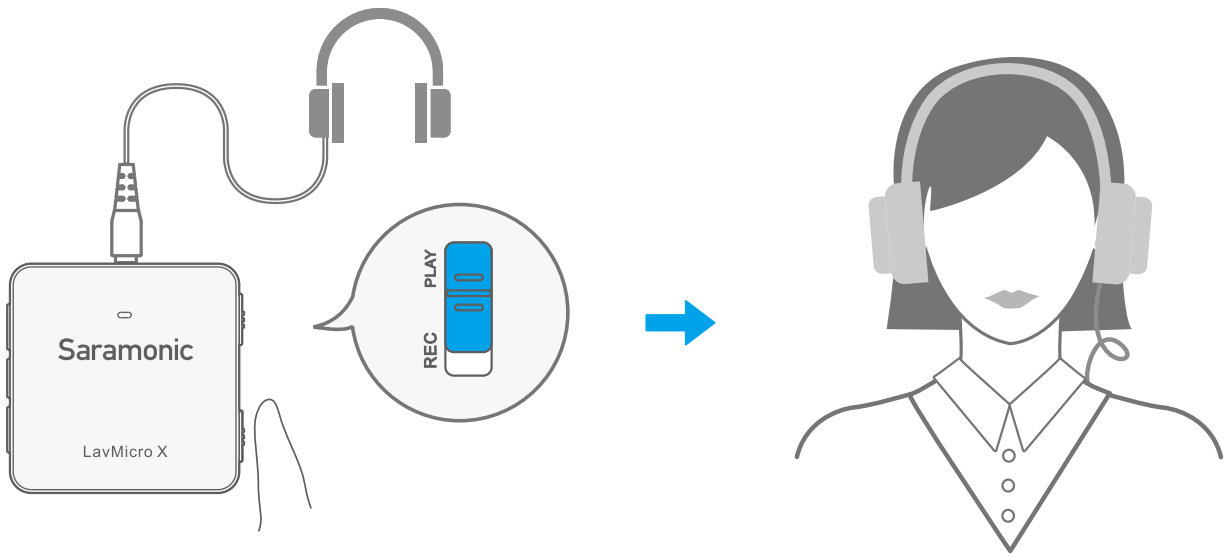
4. 拨动 切换至相对应的模式





5. 根据需求，可接入您的耳机进行音频监听；拨动 

可切换监听模式（实时监听/回放监听）



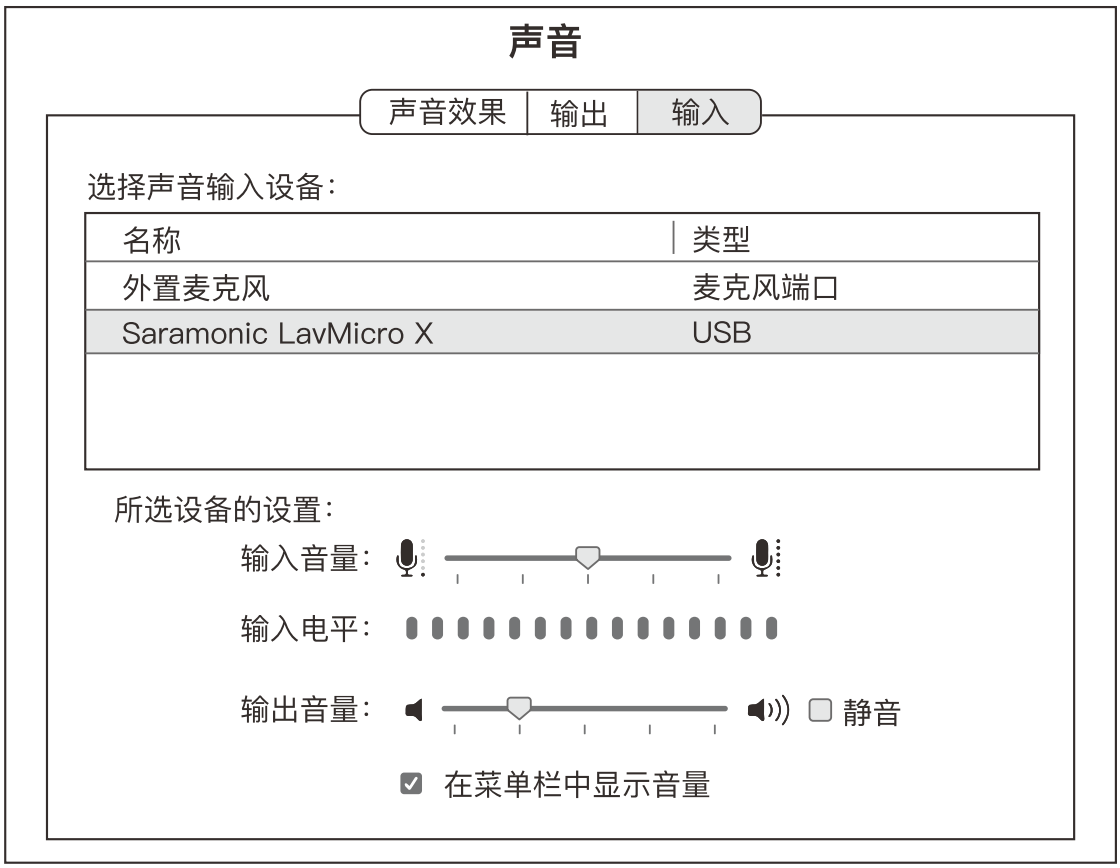
注：当通过USB将LavMicro X连接至手机、电脑等移动设备时，其回放监听音量的大小可以在放音设备上调节。

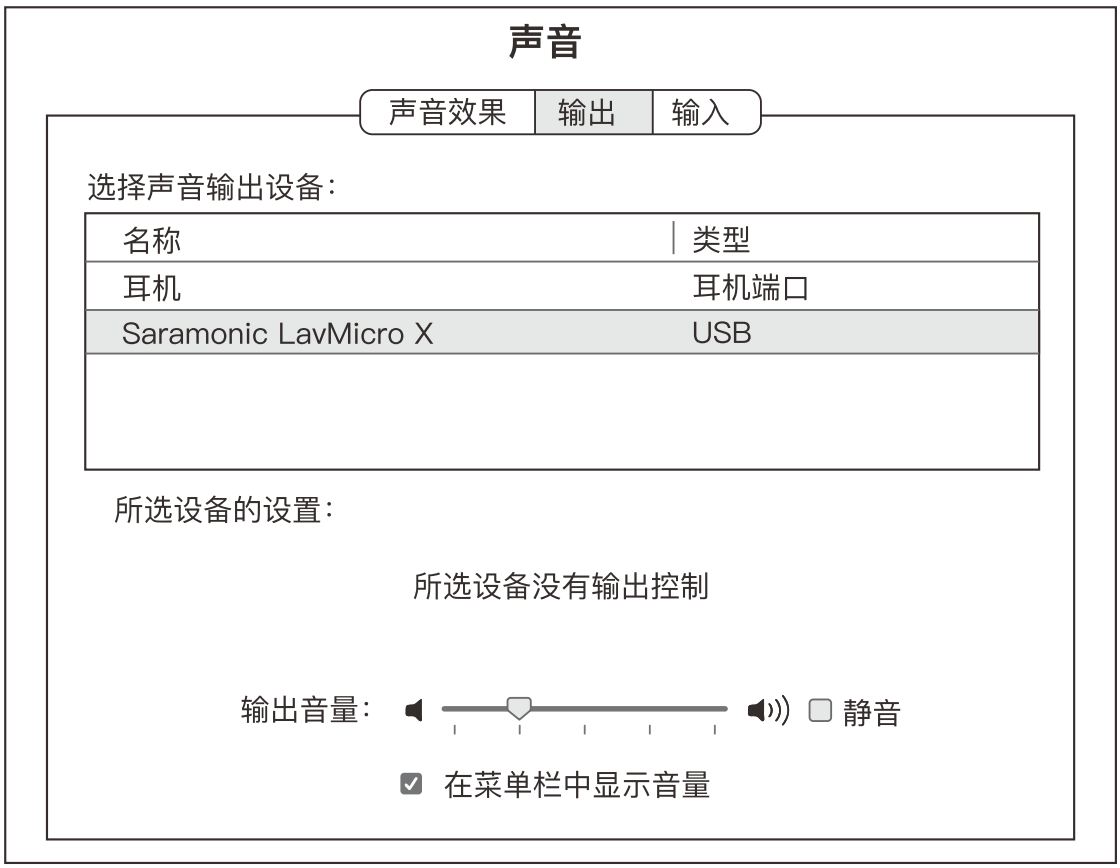
6. 开始录制。

程序设置

Mac系统程序设置

1. 使用随附的USB-A转Type-C数据线将LavMicro X接入电脑；
2. 打开“系统偏好设置”，然后选择“声音”图标；
3. 选择“Saramonic LavMicro X”为输入设备；
4. 选择“Saramonic LavMicro X”为输出设备。


声音
声音效果
输出
输入
选择声音输入设备：
名称
类型
外置麦克风
麦克风端口
Saramonic LavMicro X
USB
所选设备的设置：
输入音量：
输入电平：
输出音量：
静音
在菜单栏中显示音量


声音
声音效果
输出
输入
选择声音输出设备：
名称
类型
耳机
耳机端口
Saramonic LavMicro X
USB
所选设备的设置：
所选设备没有输出控制
输出音量：
静音
在菜单栏中显示音量

Windows系统程序设置

1. 使用随附的USB-A转Type-C数据线将LavMicro X接入电脑;
2. 进入“控制面板”→“硬件和声音”→“管理音频设置”;
3. 在“播放”选项卡下选择“Saramonic LavMicro X”为默认设备;
4. 在“录制”选项卡下选择“Saramonic LavMicro X”为默认设备。





Type-C接口设备程序设置

1. 将LavMicro X接入带有Type-C端口的智能手机、平板、电脑等设备;
2. 打开音频/视频录制软件, 待显示型号“Saramonic LavMicro X”后, 即可开始录音。

参数

频率响应	20Hz-20kHz
失真	＜0.01%
信噪比	>80dB
音频输入接口	3.5mm TRS输入孔；Type-C接口
监听接口	3.5mm TRS监听孔 增益：30dB
音频输出接口	3.5mm TRS/TRRS自适应输出孔；Type-C接口 增益：25dB
电池容量	300mAh
充电接口	Type-C接口
充电电流	<200mA@5V
充电时长	约2小时
续航时长	约8小时
重量	27g
尺寸	43×43×15.5mm
工作温度	0˚C ~ +50˚C
贮存温度	-10˚C ~+ 50˚C

常见问题

在使用本机的过程中出现任何问题，请参照以下内容加以解决。如果此手册仍然无法解决您遇到的问题，请与我们当地的经销商售后服务部联系。

- **本机无声音或连接设备无声音**

① 请检查麦克风是否完全插入。

② 请验证本机的设备模式设置是否正确。连接相机、录音笔等需要切换到📷模式，连接手机、电脑等移动设备需要切换到📱模式。详情请参考上文“操作指南”。

③ 请验证本机是否开启了静音（静音开启时，指示灯呈红灯常亮）。短按电源键可取消静音。

④ 若本机监听孔无声音，请检查本机是否处于REC回放监听模式下。需要切换至实时监听模式方可监听到麦克风输入的声音。

- **本机声音过小或过大甚至破音**

通过按动“+”“-”键调节麦克风增益，找到最适合当前环境录制的增益档位，提高录制效果。

- **连接手机失败**

① 请验证本机设备模式切换键是否已切换到 📱模式。详情请参考上文“操作指南”。

② 请验证手机是否已开启“OTG”开关。

③ 若仍不能识别手机，请联系客服咨询。

- **监听时有不干净的电流声或异常噪音等**

更换连接外部电源充电的插排。

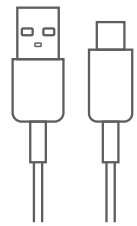
- **无法调节播放音量**

本机“+”“-”键仅可以调节麦克风输入增益，无法调节播放音量。若想调节播放音量，请在连接设备如相机/录音笔/手机端进行调节。

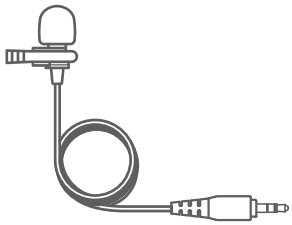
包装清单



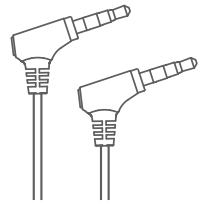
1× LavMicro X



1× USB-A转Type-C数据线

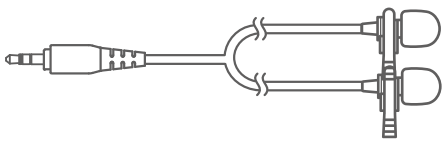


1× 单咪头领夹麦

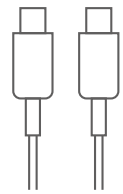


1× 3.5mm TRRS转
3.5mm TRRS音频线

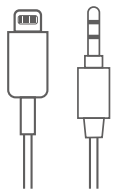
其他适配线（另售）



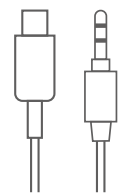
双咪头领夹麦



Type-C转Type-C数据线



3.5mm TRS公头转Lightning
音频线（SR-C2000）



3.5mm TRS公头转Type-C
音频线（SR-C2001）

V01

For better recording experience, the application SmartRecorder is recommended.

为获得更好的录制体验，推荐使用枫笛 Saramonic 自主研发应用软件 SmartRecorder。

Scan the QR code and follow us!

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深圳市长丰影像器材有限公司

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