

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**。



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# Saramonic

MULTI-PATTERN XLR & USB  
CONDENSER MICROPHONE  
XLR/USB 电容麦克风

## SR-MV7000

User Manual  
用户手册



## Introduction

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The SR-MV7000 is an XLR & USB condenser microphone which can be used to capture audio to computers, most USB-C devices, XLR preamps and audio mixers with +48V phantom power.

It features two selectable output solutions, one is 5-pin XLR output jack with 5-pin XLR to dual 3-pin XLR cable supplied, which can be used to connect to professional audio devices like audio mixer, another one is USB-C output jack, with USB-C to USB-A/C output cables to connect with computers and other USB-C devices.

And 4 pick-up patterns, low-cut filter, selectable gain control and 3.5mm headphone monitor jack helps you get the ideal sound for your recording, conference, interview, live-streaming and etc.

Designed with 5/8" female thread at the bottom of unit, it gives you variable options mounting to a tripod, boom pole and more.

Including a detachable desktop stand and pop filter, you can start home-studio recording, podcast, voice-over as easily as possible.

## Statement

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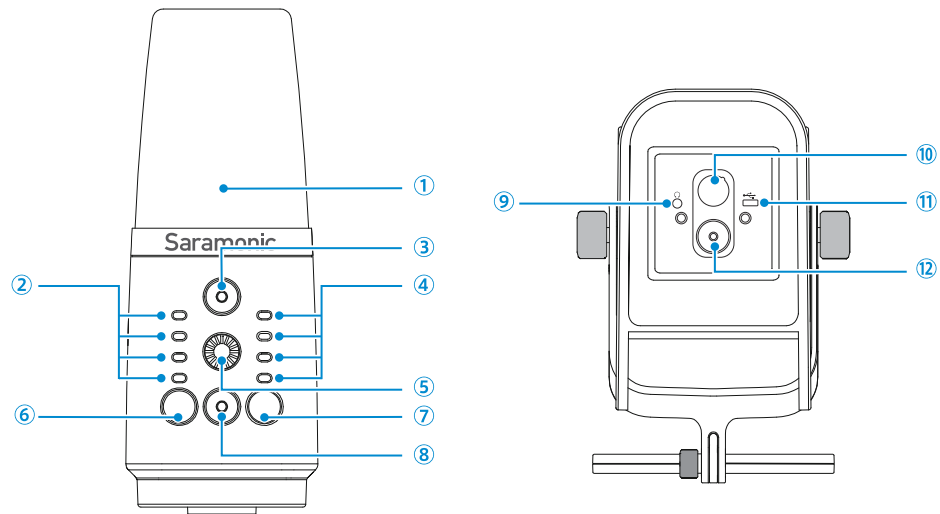
Please read this manual carefully before using and strictly operate and store in accordance with the instructions. Please save it for your future reference. If the user manual can not help you to solve problems, please ask your retailer for help or email us: [info@saramonic.com](mailto:info@saramonic.com).

## Cautions

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1. Do not use the unit under moisture condition or water, don't expose it to rain. Please store it in a cool, dry place.
2. Please use and store it in normal temperature. Do not move it from overheated to supercooled condition frequently as well as keep away from heat sources such as heater or oven.
3. When using and storing, please pay attention to dust and moisture.
4. Be careful to violent collision.
5. To avoid acoustical feedback, do not hold the microphone close to the loudspeakers.
6. For the best pick-up pattern, do not hold your hand against the microphone cover.

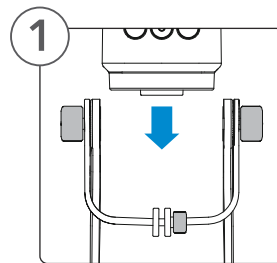
## Product Structure



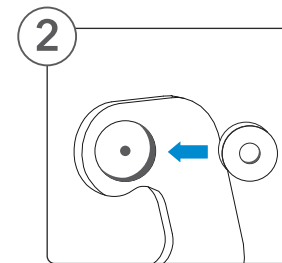
- ① Microphone capsule
- ② Gain indicator (0dB, 10dB, 20dB, 30dB)
- ③ Mute button
- ④ Polar pattern indicator
- ⑤ Volume control
- ⑥ GAIN control
- ⑦ Switchable pattern button

- ⑧ High-pass filter button ( To attenuate frequencies lower than 150 Hz. It can be used to remove rumble or other low frequency noise while recording. )
- ⑨ 3.5mm headphone output
- ⑩ 5-PIN XLR output
- ⑪ USB-C output (DC 5V)
- ⑫ 5/8" threaded hole

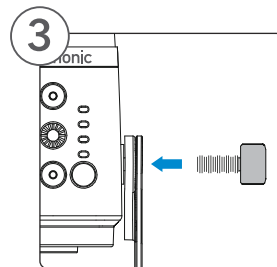
## Operational Guide



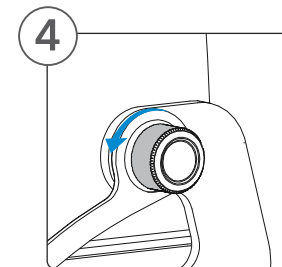
To mount the SR-MV7000 on the stand.



Place the washers on the both slots of microphone.

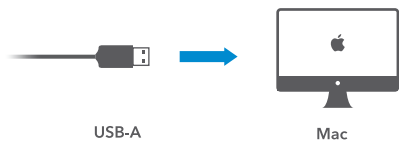


Align the screw to the attachment holes.



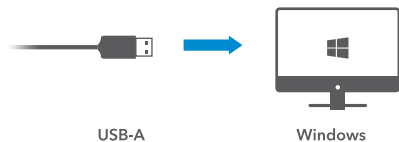
Tie down the screw anti-clockwise on both sides until it secure.

## Setups Procedure



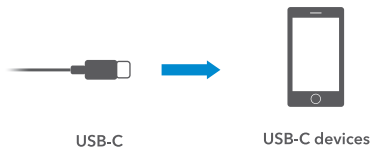
### Mac OSX Setup Procedure (10.6.4 or later)

1. Connect the microphone to your computer via the supplied USB-C to USB-A output cables.
2. Open the Apple interface and select the "System Preferences".
3. Select the icon of "Sound".
4. Choose "USB Audio Device" as input device and click "OK".



### Windows Setup Procedure

1. Please download the driver from this website before Windows computer using. ([www.saramonic.com/product/sr-mv7000/](http://www.saramonic.com/product/sr-mv7000/))
2. After running the driver, simply follow the instructions to complete the installation.
3. Connect the microphone to your computer via the supplied USB-C to USB-A cable.
4. Open the control panel and select the "Sounds and Audio Devices".
5. Select "Audio" tab and choose "X MOS USB Audio" as input device.

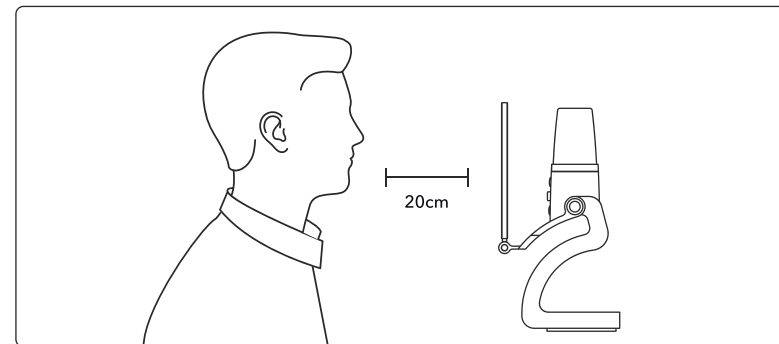


### USB-C devices Setup Procedure

Connect the microphone to your USB-C devices via the supplied USB-C to USB-C output cables.

**Note:** If your USB-C devices requires setting OTG function manually, please set the "OTG Connection" to "ON". The OTG connection menu is usually in the "Additional Settings" in your phone setting menu.

## Tips



To get optimum sound performance, adjust the microphone's pick-up angle. For maximum clarity and intelligibility, position the microphone pointed directly at the subject's mouth.

Before adjusting the angle, slightly loosen the knobs. Avoid tightening or loosening knobs with great force as it might damage the screw threads.

Always mount the pop filter to avoid plosive when recording.

## Audio Output

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### The microphone offers two types of output

#### Type-C Audio Output (Digital Signal Mode)

Connect the microphone to your computers, USB-C devices via the supplied USB-C to USB-A/C output cables.

#### XLR Audio Output (Analog Signal Mode)

As an analog microphone, the 5-pin XLR output can be used to connect professional audio devices like audio mixer via 5-pin XLR to dual 3-pin XLR cable and requires external 48V phantom power to operate.

**NOTE: The headphone output can't be functioned when in analog signal mode. Please connect the headphone output of mixer to monitor the incoming audio.**

## Packing List

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- SR-MV7000 microphone
- Microphone stand
- Pop filter
- 1.6' (0.5m) 5-pin XLR Female to dual 3-pin XLR Male Y-Cable
- 3.9' (1.2m) USB-C to USB-A Cable
- 3.9' (1.2m) USB-C to USB-C Cable



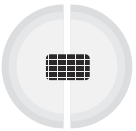

## Specifications

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Transducer	Condenser
Acoustic Principle	Line Pressure Gradient
Frequency Response	20-20,000Hz
Polar Pattern	Cardioid, Omnidirectional, Stereo, Bidirectional
Sensitivity	-36dB±3dB@1kHz
Signal-to-Noise Ratio	114dB
Output Impedance	>25 Ohm
Power Requirements	Digital Signal Mode: USB-C (DC 5V) Analog Signal Mode: XLR 48V Phantom Power
Gain	0dB, 10dB, 20dB, 30dB
Cable	3.9' (1.2m) USB-C to USB-A Cable 3.9' (1.2m) USB-C to USB-C Cable 1.6' (0.5m) 5-pin XLR Female to dual 3-pin XLR Male Y-Cable
High-pass Filter	150 Hz
Bitrate	16bit / 24bit
Sampling Frequency	44.1kHz-192kHz
Dimensions	134.9mm×114.8mm×303.7mm
Weight	Microphone (mic stand included) : 1.2kg (2.7lb)
Operating Temperature	-10°C to + 55°C
Storage Temperature	-20°C to + 75°C
Operating System Support	Computer: Windows 7 or later, Windows Vista, Windows XP, Windows XP Pro, Mac OSX 10.6.4 or later
USB Transmission Type	USB 2.0 Version; 256MB RAM (minimum)

# Polar Patterns

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 A diagram of a cardioid polar pattern, showing a microphone icon with a shaded area that is heart-shaped, pointing forward and tapering off to the sides and back.	<p><b>Cardioid</b></p> <p>Captures sound directly in front of microphone and reject off-axis sound and ambient noise. Ideal for podcasts, vocal performance, instruments, livestreaming or other vocal recording.</p>
 A diagram of an omnidirectional polar pattern, showing a microphone icon with a shaded area that is a uniform circle, indicating equal sensitivity in all directions.	<p><b>Omnidirectional</b></p> <p>Picks up sounds in all directions. Ideal for multiple person recording applications, like round table discussions, conference calls, multi-person podcasts.</p>
 A diagram of a stereo polar pattern, showing a microphone icon with a shaded area that is a circle with a vertical line through the center, indicating two distinct pickup areas for left and right channels.	<p><b>Stereo</b></p> <p>Captures detailed stereo recording. Ideal for music, dialogs, or ambient sound recording in stereo.</p>
 A diagram of a bidirectional polar pattern, showing a microphone icon with a shaded area that is a figure-eight shape, indicating equal sensitivity from both the front and rear.	<p><b>Bidirectional</b></p> <p>Captures audio from the front and rear of the microphone, and provide equal sensitivity to both sides. Ideal for 2-person podcasts, interviews, dialogues, and music recording applications.</p>

## 简介

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SR-MV7000是新一代XLR&USB专业级麦克风，实现广播级音质传输。提供两种灵活音频解决方案，分别是USB接口和XLR接口，满足用户各种场景的录制需求。

XLR输出孔可将音频输出至混音器等设备（需要外接48V幻象供电）。

Type-C输出孔适用于电脑和大多数Type-C设备。

三振膜舱设计，拥有四种拾音模式；轻松切换不同模式，应对各种录音场景需求。支持实时监听功能，实现随时监听录音效果。

麦克风底部内置标准5/8"螺丝孔，可搭配麦克风支架或悬臂进行使用。配件包含麦克风支架，麦克风防喷罩，Type-C转USB-A输出线，Type-C转Type-C输出线，五芯XLR母头转三芯XLR双公头音频线。

## 声明

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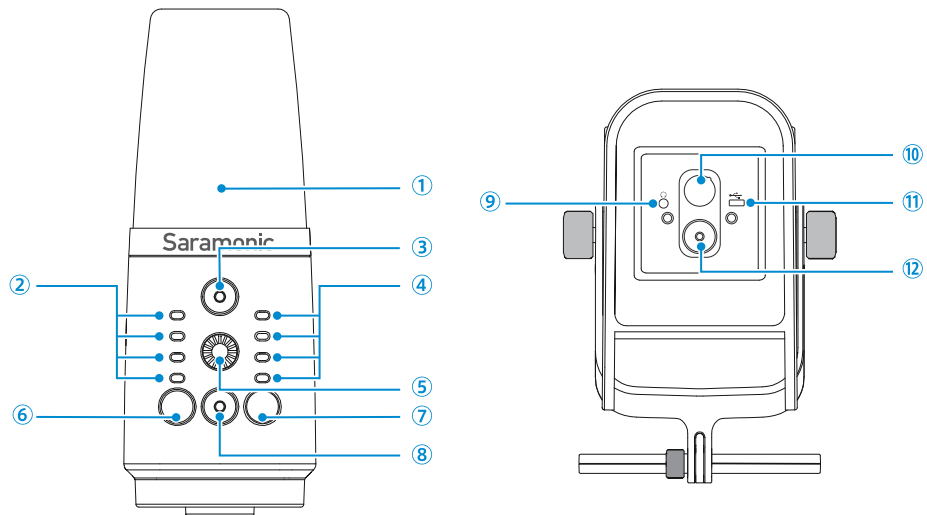
请在使用前仔细阅读本手册，并严格按照说明进行操作和存储。请保存以供将来参考。如果用户手册不能帮助您解决某些问题，请向零售商寻求帮助或给我们发送电子邮件：[info@saramonic.com](mailto:info@saramonic.com)。

## 注意事项

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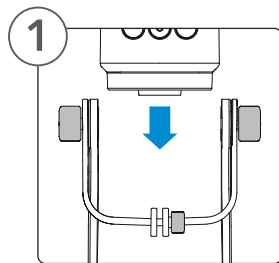
1. 请勿在水下使用本机，也不要使其受到雨淋。请存放在阴凉干燥处。
2. 请在常温下使用和存放。请经常将其从过热状态移至过冷状态，并远离加热器和烤箱等热源。
3. 使用和存放时，请注意防尘和防潮。
4. 注意剧烈碰撞。
5. 为避免声音反馈，请勿将麦克风靠近扬声器。
6. 为获得最佳拾音模式，请勿将手放在麦克风上。

## 产品结构

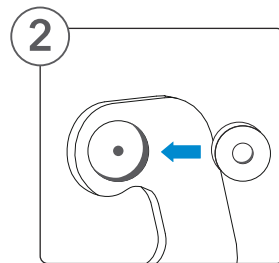


- ① 麦克风味头
- ② 增益指示灯
- ③ 静音键
- ④ 拾音模式指示灯
- ⑤ 音量控制键
- ⑥ 增益调节按键
- ⑦ 拾音模式切换键
- ⑧ 低切键
- ⑨ 耳机监听孔
- ⑩ 5芯XLR输出孔
- ⑪ USB Type-C输出孔（直流电5V）
- ⑫ 5/8"螺丝孔

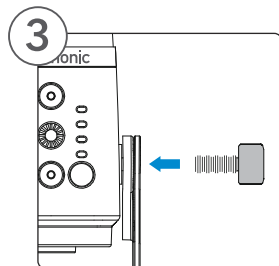
## 操作指南



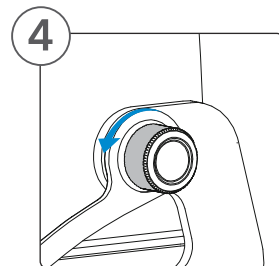
将SR-MV7000麦克风主体安装在支架上



分别将垫圈放入支架的两侧凹槽中



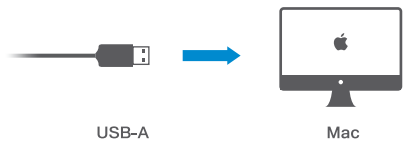
将旋钮对准支架和麦克风上的螺丝孔



调节好麦克风角度，并拧紧旋钮固定好麦克风。

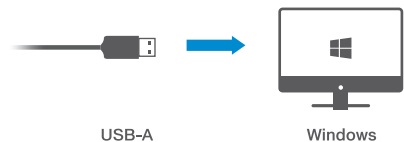


## 设置程序



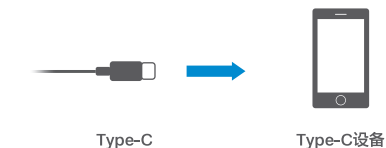
### Mac OSX系统程序安装教程（10.6.4版本以上）

1. 使用Type-C转USB-A输出线，一端连接麦克风Type-C输出孔，另一端连接电脑。
2. 打开苹果设置界面的“系统偏好设置”。
3. 选择“声音”图标。
4. 点击“USB Audio Device”作为输入设备，点击“确认”。



### Windows系统程序安装教程（Windows10无需安装）

1. 在安装之前，请从 ([www.saramonic.com/product/sr-mv7000/](http://www.saramonic.com/product/sr-mv7000/)) 该网址下载驱动软件。
2. 下载驱动至电脑，完成安装。
3. 用Type-C转USB-A输出线，一端连接麦克风Type-C输出孔，另一端连接电脑。
4. 打开“控制面板”，点击“硬件和声音”选项
5. 选择“声音”图标，点击“XMOS USB Audio”作为输入设备，点击“确认”。
6. 点击“USB Audio Device”作为输入设备，点击“确认”

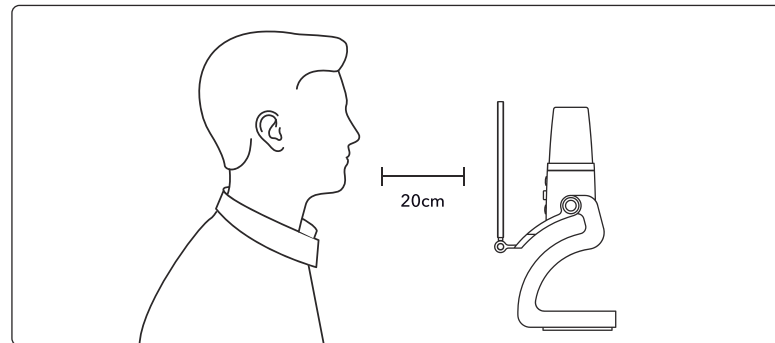


### USB-C设备操作步骤

用Type-C转Type-C输出线，一端连接麦克风Type-C输出孔，另一端连接Type-C设备。

**注意：**如果您使用的设备需要手动打开OTG功能，请在连接麦克风之前提前设置好OTG功能。OTG功能通常在设置菜单的“更多设置”中选择。

## 提示



为保持最佳的录制效果，请在录制前装上防喷罩。  
(Saramonic 的标志朝外)，并将麦克风调整至合适的角度。  
20cm为最佳录制距离。

## 音频输出口

### 数字信号模式：Type-C音频输出（直流电 5V供电）

用Type-C转Type-C输出线或Type-C转USB-A输出线，一端连接麦克风的Type-C输出孔，另一端连接电脑或Type-C设备。

### 虚拟信号模式：XLR音频输出孔（幻象电源48V供电）

用五芯XLR母头转三芯XLR双公头音频线，一端连接麦克风的XLR输出孔，另一端连接混音器等设备（可提供48V幻象电源供电）。

**注意：在模拟信号模式下，耳机监听孔无法进行监听。**

## 包装配件

- SR-MV7000麦克风
- 麦克风支架
- 防喷罩
- 1.2米 Type-C 转 USB-A输出线
- 1.2米 Type-C 转 Type-C输出线
- 0.5米 五芯XLR母头转三芯XLR双公头音频线

## 技术参数

类型	电容式
声学原理	线性梯度
频率响应	20-20,000Hz
拾音模式	全向型，心型，立体声，双指向型
灵敏度	-36dB ± 3dB@1kHz
信噪比	114dB
输出阻抗	> 25 Ohm
供电方式	数字信号模式：USB-C输出孔（直流电 5V供电） 虚拟信号模式：XLR输出孔（幻象电源48V供电）
增益	0dB, 10dB, 20dB, 30dB
输出线类型	1.2米 Type-C 转 USB-A输出线 1.2米 Type-C 转 Type-C输出线 0.5米 五芯XLR母头转三芯XLR双公头音频线
低切过滤器	150 Hz
位数	16bit / 24bit
采样率	44.1kHz-192kHz
尺寸	134.9mm × 114.8mm × 303.7mm
重量	麦克风重量（含支架重量）：1.2kg
工作温度	-10°C to + 55°C
存放温度	-20°C to + 75°C
操作系统兼容类型	电脑：Windows 7版本以上, Windos Vista, Windows XP, Windows XP Pro, Mac OSX 10.6.4版本以上
USB类型	USB 2.0版本 256MB 内存（最低）

## 拾音模式

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	<p><b>心形模式</b></p> <p>在心型模式下, 麦克风捕捉正前方的音源。 适合作曲, 播客, 配音, 音乐制作等录音场景。</p>
	<p><b>全向模式</b></p> <p>在全向型模式下, 实现360°全覆盖收音。 适合电话会议、多人对话的录音场景。</p>
	<p><b>立体模式</b></p> <p>在立体声模式下, 还原清晰自然的声音。 适合乐器弹奏, 综合环境录音场景</p>
	<p><b>双指向型模式</b></p> <p>在双指向型模式下, 麦克风捕捉前后的音源, 适合采访、对话、及其他录音场景。</p>