

# Saramonic

Sound.Remarkable. 

## USB Desktop Microphone

手机电脑数字电容麦克风

SmartMic MTV550

User Manual

用户手册

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## Statement

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

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## Cautions

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1. Do not use the unit under extremely wet conditions or underwater, 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 and be sure to keep away from heat sources such as heater or oven.
3. When using and storing, please keep clean and free of dust and moisture.
4. Be careful to avoid violent collisions or impacts.
5. To avoid feedback, do not hold the microphone close to the loudspeakers.
6. For the best results, do not hold your hand against, or cover the microphone.

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## Introduction

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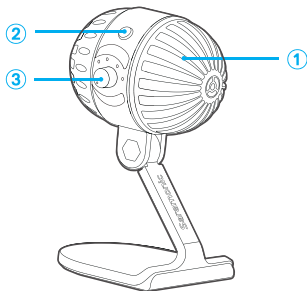
The Saramonic SmartMic MTV550 is a USB microphone that delivers professional, broadcast-quality sound to your computer for a variety of applications such as home-recording, live streaming, podcasting, voice-overs and much more.

Extremely easy-to-use, it features selectable recording modes and up to 24bit/48kHz resolution, allowing you to capture high-quality, crystal-clear sound that is tailored for the recording source and application.

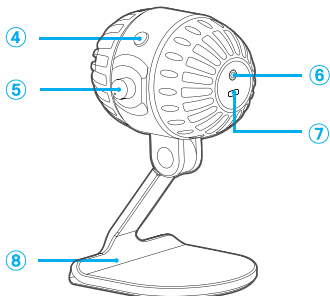
With a 3.5mm headphone jack and volume control, the SmartMic MTV550 allows zero-latency audio monitoring.

With no drivers to install or configure, the SmartMic MTV550 easily works with any Lightning or USB-C mobile devices and computers with a USB port, right out of the box.

## Product Structure



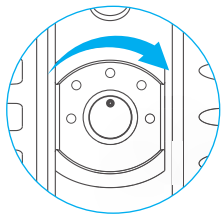
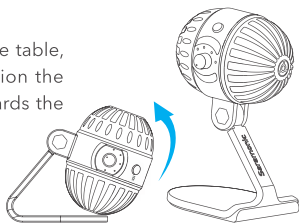
- ① Pop Filter
- ② LOW CUT Button
- ③ Mode Control
- ④ Mute Button/Power Button  
Power On=Solid Blue  
Mute On=Flashes Blue



- ⑤ Headphone Volume Control
- ⑥ 3.5mm Headphone Jack  
Connect a headphone to monitor  
the audio output.
- ⑦ Standard USB-C Output (DC 5V)
- ⑧ Desktop Stand

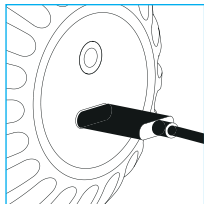
## Operational Instruction

1. Unfold the microphone and lay it flat on the table, then adjust the mic to the ideal angle. Position the front side of the microphone's pop filter towards the subject.








2. Turn the "VOLUME" control to about 80% . Then adjust the volume up or down as needed.

3. Select the desired output cable and connect to the USB-C output at the back of the microphone and then to the device you will record with. Once the microphone is connected to the device, the blue POWER indicator will illuminate.



## 4. Recording Modes Introduction

Icon	Mode	Application	Optimum Pick-up Distance	Details
	Vocal	Solo or Group Singing	Within 45cm in front of the microphone.	Optimized for recording solo or group vocal performances.
	Speech	Podcasts, Interviews, Voice-Overs, Speeches and Broadcasting	5-30cm	Designed to deliver a consistent and clear sound for spoken word performances.
	Flat	Any	Place according to practical application	Records a clear and unprocessed audio signal. Designed to capture the full-frequency response of the source.
	Acoustic	Acoustic Instruments Music	Solo performance: 15-30cm Group performance 0.6-3m	Designed to capture the subtle details and natural sound of acoustic instruments.
	Band	Bands-Ensemble Performances	2-4m	Optimized for louder recordings such as bands, group performances and events.

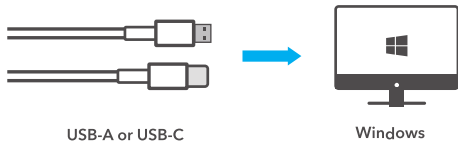
5. Choose an appropriate pick-up pattern for your application and position the mic at an appropriate distance from the subject before recording.

6. You are ready to record.

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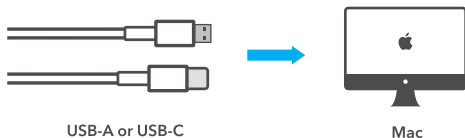
## Setup Procedure (Computer)

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### Windows Set-up Procedure

1. Connect the microphone to your computer via the supplied USB-C to USB-A, or USB-C to USB-C output cable.
2. Open the control panel.
3. Select "Audio" tab and choose "Smartmic MTV550" as input device.



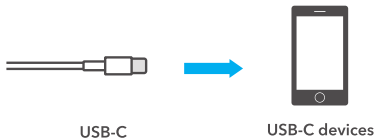
### Apple Mac Set-up Procedure

1. Connect the microphone to your Mac Computer via the supplied USB-C to USB-A, or USB-C to USB-C output cable.
2. Select the "System Preferences" in Applications.
3. Select the "Sound" icon.
4. Choose "Smartmic MTV550" as input device.
5. Choose "Smartmic MTV550" as output device.
6. Close the "System Preferences" application.

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## Setup Procedure (Smartphone)

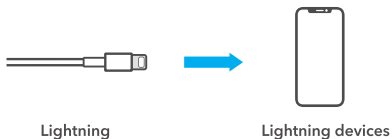
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### USB-C devices Set-up Procedure

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

**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 device's setting menu.



### iOS Lightning devices Set-up Procedure

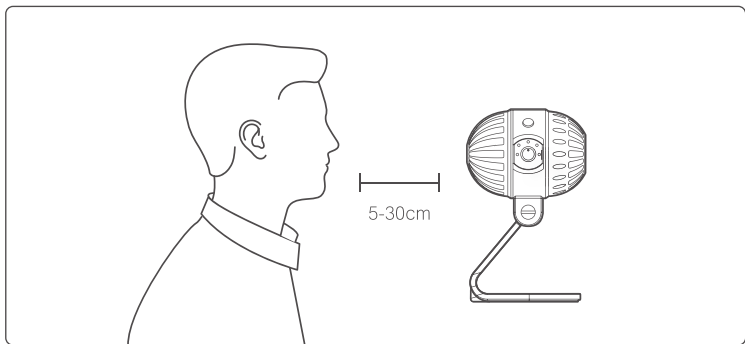
Connect the microphone to your Lightning device via the supplied USB-C to Lightning output cable.



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## Tips

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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.

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## Packing Lists

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- SmartMic MTV550 Microphone
- 1.2m (3.9') USB-C to USB-A Cable
- 1.2m (3.9') USB-C to Lightning Cable
- 1.2m (3.9') USB-C to USB-C Cable
- Warranty Card
- User Manual

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## Specifications

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Polar Pattern	Cardioid
Frequency Response	20-20kHz
Sensitivity	-39dB (0dB=1V/Pa, @1kHz)
Sampling Rates	48kHz
Bit Depth	24Bit
Signal-to-Noise Ratio	85dB
Maximum SPL	130dB
Gain Control	0~36dB
Operating Voltage	5V/135mA

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## Specifications

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Headphone Amplifier	Impedance	>16 $\Omega$
	Output Power	110mW
	THD	0.0035%
	Frequency Response	20Hz-20,000Hz
	Signal-to-Noise Ratio	102dB
	Headphone Gain	0~62 dB
Output Connector	USB-C (DC 5V)	
Dimensions	100*98*164mm (3.9*3.9*6.5")	
Weight	353g (12.5 oz)	

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## 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](mailto:info@saramonic.com)。

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## 注意事项

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1. 请勿在水下或潮湿条件下使用本机。请将设备存放至阴凉干燥处。
2. 请在常温下使用和存放。禁止设备长期在冷热交替条件下使用，并远离加热器和烤箱等热涌。
3. 在使用和存放设备时，请注意防尘和防潮。
4. 注意避免剧烈碰撞。
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。

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## 产品简介

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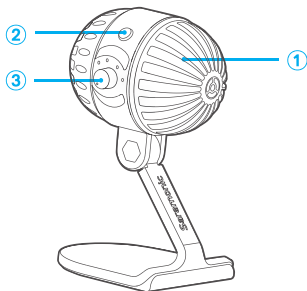
枫笛 SmartMic MTV550 是一款桌面麦克风，适用于直播、播客、网络授课、远程会议等场景，实现随时随地开始高质量录音。

麦克风有五种不同录制模式设定，根据自身需求随心所欲地录制理想音质。

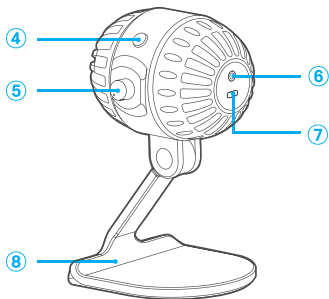
SmartMic MTV550 具有易于操作，静音模式，实时监控等特点，轻松实现在录音过程中，也能实时监控录音情况。同时，它还支持 24bit/48kHz 分辨率，优化音质达到理想效果。

无需安装任何驱动程序，SmartMic MTV550 配置 3 种类型的音频线，兼容 iOS/Type-C 手机以及带 USB 接口的电脑设备，开始你的录音创作！

## 产品结构



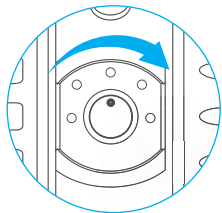
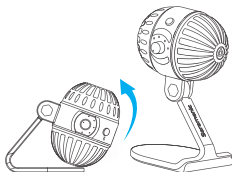
- ① 防喷罩
- ② 低切按键
- ③ 录音模式旋钮
- ④ 静音按键 / 电源指示灯  
电源开启 = 蓝灯常亮  
静音开启 = 蓝灯闪烁



- ⑤ 耳机音量旋钮
- ⑥ 3.5mm 耳机监听孔  
接入耳机进行音频输出效果监听
- ⑦ Type-C 输出孔
- ⑧ 台式支架

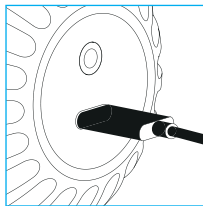
## 操作步骤

1. 将折叠的麦克风展开，平放在桌子上。将其调整至合适的收音角度，始终将麦克风防风罩正对自己。



2. 将“耳机监听音量”控制到 80% 位置左右。若收音对象过于小声，监听情况不理想，建议将监听音量稍微进行提高。

3. 无需安装任何驱动程序，SmartMic MTV550 可兼容 iOS/Type-C 手机以及带 USB 接口的电脑。当麦克风成功连接至设备时，电源指示灯为蓝灯长亮。



#### 4. 模式介绍

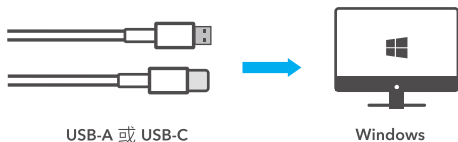
图示	模式	应用场合	最佳拾音距离	麦克风定位
	唱歌	用于捕获独唱或团体声乐表演	麦克风前 45 厘米以内	适用于录制人声，例如独奏，合唱。
	演讲	用于录制播客、演讲、采访等	5-30cm	在此模式下，麦克风可以提供稳定清晰的声音，用于播客，采访，演讲。
	平直	未经任何均衡或压缩处理的音频信号	根据实际应用场景设置	当您需要获取来源和未处理的音频信号时，请切换到此模式。
	原声乐器	用于原声乐器录制，例如吉他	单音源：15-30cm， 小群体表演：0.6-3m	此模式适合捕获流畅自然的声音，例如唱歌，弹吉他。
	乐队	用于录制乐队或其他大音量声源	请将麦克风放在距离主体 2-4 米的地方	此模式适用于录制乐队、较大音量的打击乐等，您可以根据需要通过音量旋钮调节音量。

5. 选择合适的收音模式，将麦克风调整至合理的录音距离。

6. 开始录音。

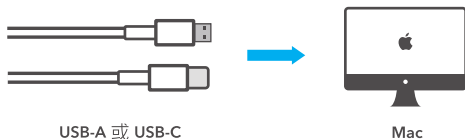


# 设置程序



## Windows 系统程序操作教程

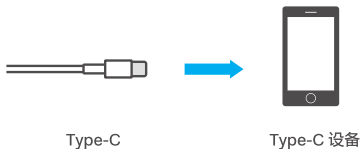
1. 用 Type-C 转 USB-A 输出线或 Type-C 转 USB 输出线，将麦克风连接至电脑。
2. 打开“控制面板”，点击“硬件和声音”选项
3. 选择“声音”图标，点击“SmartMic MTV550”作为输入设备，点击“确认”。



## Mac OSX 系统程序安装教程（10.6.4 版本以上）

1. 使用 Type-C 转 Type-C 输出线或 Type-C 转 USB 输出线，将麦克风连接至电脑。
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「SmartMic MTV550」作为输入设备，点击「确认」。  
点击「SmartMic MTV550」作为输出设备，点击「确认」。

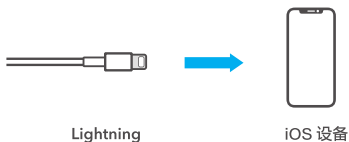
## 设置程序



### USB-C 设备操作步骤

用 Type-C 转 Type-C 输出线，将麦克风连接至手机。

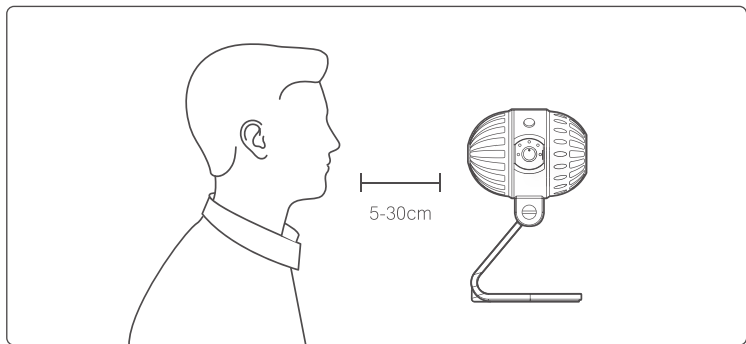
注意：如果您使用的设备需要手动打开 OTG 功能，请在连接麦克风之前提前设置好 OTG 功能。



### Lightning 设备操作步骤

用 Type-C 转 Lightning 输出线，将麦克风连接至手机。

## 提示



为保持最佳的录制效，请将麦克风带 Saramonic 枫笛标志朝着录音对象，并将麦克风调整至合适的角度。5-30 厘米为最佳录制距离。

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## 包装清单

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SmartMic MTV550 麦克风

1.2 米 Type-C 转 USB 转接线 \*1

1.2 米 Type-C 转 Lightning 转接线 \*1

1.2 米 Type-C 转 Type-C 转接线 \*1

保修卡

用户手册

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## 产品参数

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拾音模式	心形
频率范围	20-20kHz
灵敏度	-39dB (0dB=1V/Pa, @1kHz)
采样率	48kHz
比特率	24Bit
信噪比	85dB
最大声压级	130dB
麦克风增益控制	0~36dB
工作电压	5V/135mA

耳机放大器	阻抗	>16 ohms
	输出功率 (RMS)	110mW
	总谐波失真	0.0035%
	频率响应	20Hz-20,000Hz
	信噪比	102dB
	耳机监听增益	0~62dB
音频输出	Type-C	
尺寸	100*98*164mm	
重量	353g	



For better mobile 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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Shenzhen Jiayz Photo Industrial., Ltd  
深圳市长丰影像器材有限公司

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Power, Guanlan, Longhua District, Shenzhen, China  
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