

# Saramonic

Sound.Remarkable. 

## USB Desktop Microphone

USB 桌面麦克风

## Xmic Z5

User Manual

用户手册

## Statement

Please read this manual carefully before use and operate and store in strict accordance with the instructions provided. Please retain for future reference.

For any issues that cannot be resolved with the user manual, please refer to your retailer for help or contact us at: [info@saramonic.com](mailto:info@saramonic.com).

## Features

- Condenser microphone with USB-C connectivity
- Compatible with Android devices, tablets, Mac/Windows computers
- Selectable Cardioid and Omnidirectional polar pattern
- Plug and play, easy to use
- 3.5mm headphone output for real-time & playback monitoring
- Volume control, gain control and mute function
- Record audio in up to 24 bit/96kHz resolution
- Detachable & rugged microphone desktop stand

## Cautions

1. Do not use the unit under 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 super-cooled condition frequently as well as keep away from heat sources such as heater, oven, or other devices that produce heat.
3. When using and storing, please pay attention to dust and moisture.
4. Be careful to violent collision.

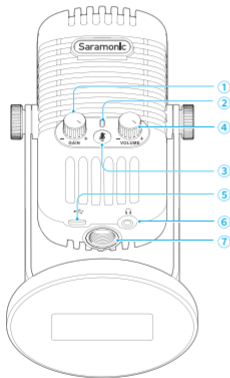
## General Introduction

The Saramonic Xmic Z5 is a USB condenser microphone that delivers exceptional-quality sound to Android devices, tablets and Mac/Windows computers. It is capable of recording audio in up to 24-bit, 96 kHz resolution. The microphone features selectable cardioid and omnidirectional pickup patterns, designed for different recording scenarios.

The 3.5mm headphone jack allows you to monitor and ensure the audio intelligibility during recording. With built in controls for headphone volume, gain and muting, you are in total control of your sound.

An adjustable desktop stand and a pop filter are included, allowing you to get started easily and quickly for home-studio recording, podcasting, live-streaming, etc.

## Product Structure



### ① Gain control

Turn the knob to adjust mic gain.

### ② Status indicator

Mode	Indicator
Mute OFF	Solid blue light
Mute ON	Solid red light

### ③ Mute key

Touch to mute/unmute the microphone.

### ④ Headphone volume control

Turn the knob to adjust headphone volume.

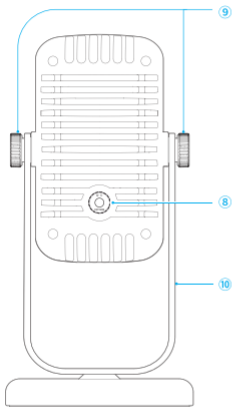
### ⑤ USB-C port

### ⑥ 3.5mm headphone jack

Connect headphones for audio monitoring.

### ⑦ 5/8" threaded hole





### ⑧ Pattern knob

Turn the knob to switch between Cardioid and Omnidirectional polar pattern.

### 🗣️ Cardioid polar pattern

Maximizes the rejection of sound coming from the sides and rear of the mic and can be used as a directional microphone to capture full, rich, natural-sounding audio for podcast, speech, dialog, instrument, etc.

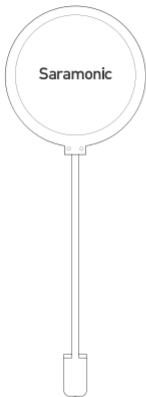
### 🗨️ Omnidirectional polar pattern

Pick up sound equally from all directions, capturing a natural blend of voice and ambiance with low sensitivity to wind and handling noise, as well as to vocal plosives.

### ⑨ Locking knobs

### ⑩ Desktop stand

## Accessories



Pop filter



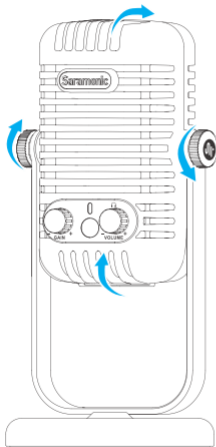
USB-C to USB-C cable



USB-A to USB-C cable



3/8" female thread adapter



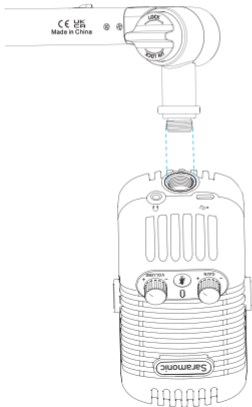
### Angle Adjustment

1. Loosen the knobs of both sides anticlockwise.
2. Adjust the microphone at your desired angle, then tighten the knobs.

## Mounting the Xmic Z5 to a boom arm Using the 5/8" threaded hole

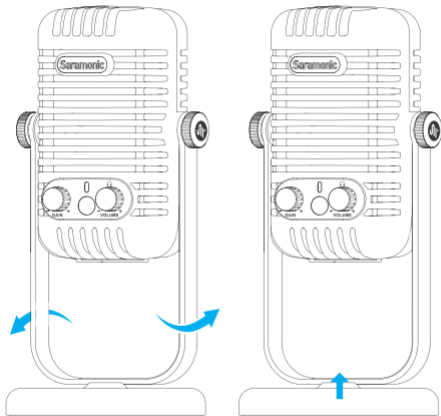
1. Unscrew the locking knobs to remove the microphone from the desktop stand.
2. Mount the Xmic Z5 to a boom arm through its 5/8" threaded hole.

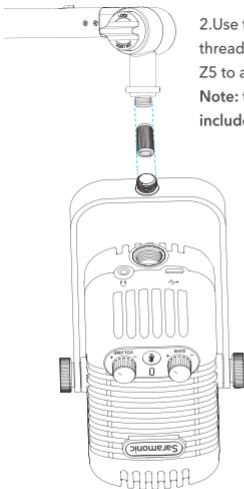
**Note: the boom arm is not included.**



## Using the 3/8" female thread adapter

1. Unscrew to remove the stand base as shown.





2. Use the supplied 3/8" female thread adapter to mount the Xmic Z5 to a boom arm.

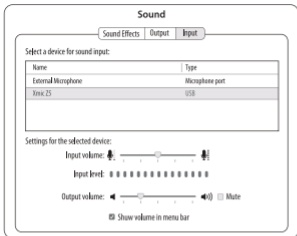
**Note:** the boom arm is not included.

## Set-Up for Windows

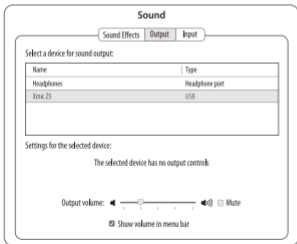
1. Connect the Xmic Z5 to your computer with the supplied USB cable.
2. Go to Control Panel → Hardware and Sound → Manage audio devices.
3. Select “Xmic Z5” as the default device under the “Playback” tab.
4. Select “Xmic Z5” as the default device under the “Recording” tab.



## Set-Up for Mac



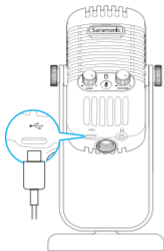
1. Connect the Xmic Z5 to your computer with the supplied USB cable.
2. Open System Preferences and select the Sound Icon.
3. Select "Xmic Z5" under "Input" tab.
4. Select "Xmic Z5" under "Output" tab.





## Operation Guide

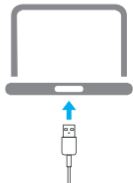
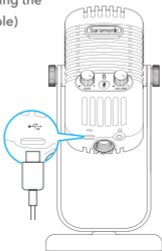
### 1. Connect the microphone to your smartphone/computer.



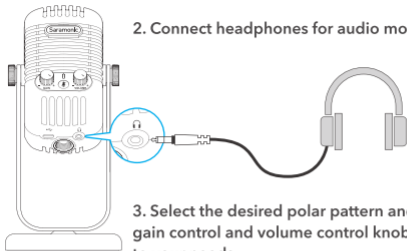
USB-C devices (Using the supplied  
USB-C to USB-C cable)

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Mac/Windows Computer (Using the  
supplied USB-A to USB-C cable)



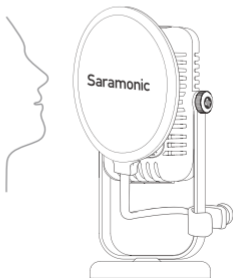
**2. Connect headphones for audio monitoring.**



**3. Select the desired polar pattern and adjust the gain control and volume control knobs according to your needs.**

**4. Attach the pop filter to the microphone if needed.**

**5. You are ready to record.**



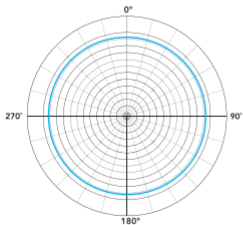
## Specifications

<b>Microphone Capsule</b>	Condenser capsule
<b>Polar Pattern</b>	Cardioid /Omnidirectional
<b>Frequency Response</b>	75Hz-20kHz
<b>Sensitivity</b>	-40±3dB(0dB=1V/Pa,at1KHz)
<b>Signal-to-Noise Ratio</b>	80dB
<b>Maximum SPL</b>	105dB
<b>Sampling Rate</b>	44.1kHz/48kHz/96kHz
<b>Bit Depth</b>	16/24-bit
<b>Mic Gain Control</b>	0 - 35 dBu
<b>Distortion</b>	0.01%
<b>Headphone Output Impedance</b>	32Ω
<b>Operating Current</b>	30mA
<b>Operating Voltage</b>	USB DC 5V
<b>Audio Output Connector</b>	3.5mm headphone jack, USB-C port
<b>Weight</b>	605g (21.34 oz.)
<b>Dimensions</b>	67.2×67.74×123.01mm
<b>Operating Temperature</b>	0°C to 50°C
<b>Storage Temperature</b>	-20°C to +55°C

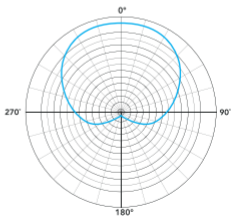
## Packing List

Xmic Z5 USB Microphone×1  
USB-A to USB-C Cable (2m)×1  
USB-C to USB-C Cable(2m)×1  
3/8" Female Thread Adapter×1  
Pop Filter×1

## Polar Pattern

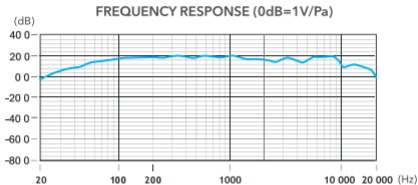


Omnidirectional

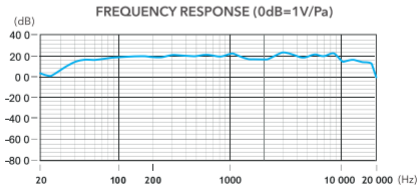


Cardioid

# Frequency Response



Omnidirectional



Cardioid

## 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)。

## 概述

枫笛 Xmic Z5 是一款 USB 电容麦克风，提供出色的高品质音频，兼容安卓设备、平板和 Mac/Windows 电脑，能够以高达 24 位 /96 kHz 的分辨率录制音频。产品具有心形和全向型拾音模式切换功能，适用于不同的录音场景。

Xmic Z5 带有耳机音量调节旋钮、增益调节旋钮和触摸式静音键。3.5 mm 耳机插孔可让您在录音过程中进行监听并确保音频清晰度。产品配备了可调节桌面支架和防喷罩，您可以轻松快速开始音频录制，是家庭工作室录音、播客、直播等的理想选择。

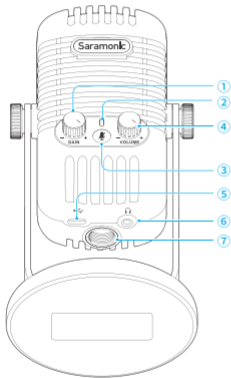
## 注意事项

1. 不要在水下使用本机，不要将其暴露在雨中。请存放在阴凉干燥处。
2. 请在常温下使用并保存。不要频繁地将其从过热状态移至过冷状态，并远离热源，如加热器、烤箱或其他产生热量的设备。
3. 在使用和储存时，请注意防尘和防潮。
4. 小心避免猛烈的碰撞。

## 特点

- USB 电容麦克风
- 兼容安卓设备、平板、Mac/Windows 电脑
- 心形和全向型拾音模式自由切换
- 即插即用，使用方便
- 3.5mm 耳机输出孔，支持实时监听和回放监听功能
- 具备音量调节、增益调节和静音功能
- 支持高达 24 位 /96kHz 高分辨率录音
- 可拆卸耐用麦克风桌面支架

## 产品结构



### ① 增益调节旋钮

转动旋钮以调节麦克风增益

### ② 状态指示灯

模式	指示灯
正常工作状态	蓝灯常亮
静音模式	红灯常亮

### ③ 静音键

轻触进入 / 退出静音模式

### ④ 耳机音量调节旋钮

转动旋钮以调节耳机音量

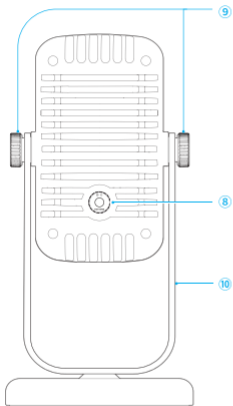
### ⑤ USB-C 接口

### ⑥ 3.5mm 耳机插孔

接入耳机进行音频监听

### ⑦ 5/8 英寸螺纹孔





### ⑧ 模式切换旋钮

转动旋钮可切换心形和全向型模式

#### 🗨️ 心形拾音模式

最大程度地剔除从两侧和后方的声音，通常当作指向型麦克风使用，适合捕捉饱满圆润的自然声，可用于播客、演讲、访谈、乐器弹奏等场合。

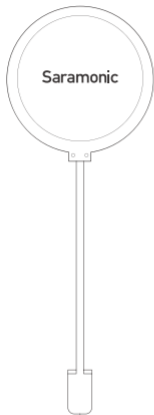
#### 🗨️ 全向型拾音模式

全方位拾音，适合于收录自然混合的周围音，对风和手持噪音以及爆破音的敏感度较低。

### ⑨ 锁紧旋钮

### ⑩ 桌面支架

## 配件



防噗罩



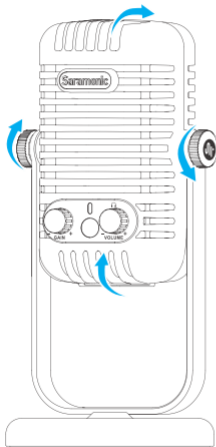
USB-C 转 USB-C 转接线



USB-A 转 USB-C 转接线



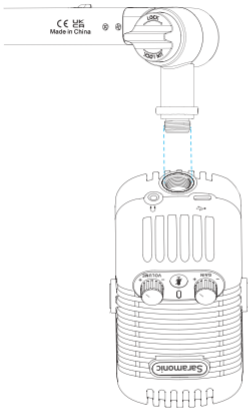
3/8 英寸转接头



## 麦克风角度调节

1. 逆时针松开两侧的旋钮。
2. 将麦克风调整到所需角度，然后拧紧旋钮。

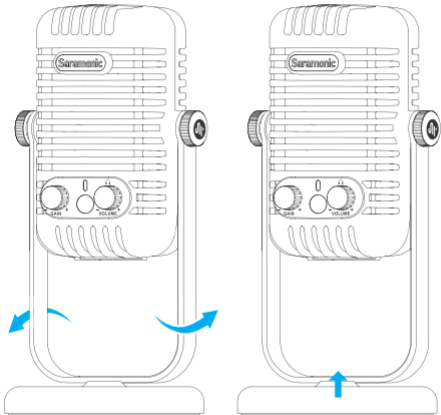
将麦克风安装至悬臂支架上  
通过 5/8 英寸螺纹孔进行安装



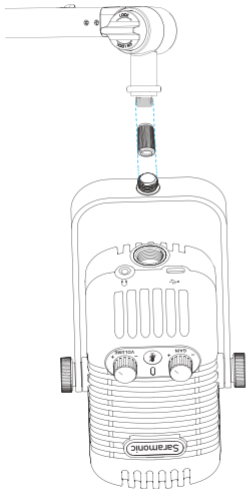
1. 松开锁紧旋钮，将麦克风从桌面支架上拆卸下来。
2. 通过麦克风底部 5/8 英寸螺纹孔，将麦克风安装至悬臂支架上。  
**注意：包装内不含悬臂支架。**

使用配备的 3/8 英寸转接头进行安装

1. 如图所示，旋开并卸下麦克风支架底座



2. 使用配备的 3/8 英寸转接头将 Xmic Z5 安装到悬臂上。  
注意：包装内不含悬臂支架。



## Windows 系统程序设置

1. 使用配备的 USB 转接线将 Xmic Z5 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“Xmic Z5”为默认设备；
4. 在“录制”选项卡下选择“Xmic Z5”为默认设备。



## Mac 系统程序设置

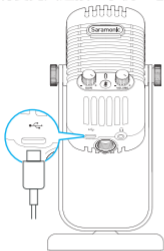
1. 使用配备的 USB 转接线将 Xmic Z5 接入电脑；
2. 打开“系统偏好设置”，然后选择“声音”图标；
3. 选择“Xmic Z5”为输入设备；
4. 选择“Xmic Z5”为输出设备。





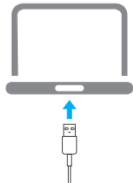
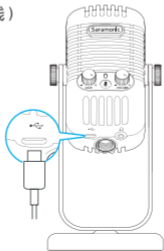
## 操作指南

### 1. 将麦克风连接至手机 / 电脑

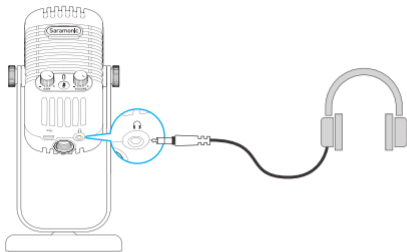


USB-C 设备（使用配备的  
USB-C 转 USB-C 数据线）

Mac / Windows 电脑（使用配备的  
USB-A 转 USB-C 数据线）



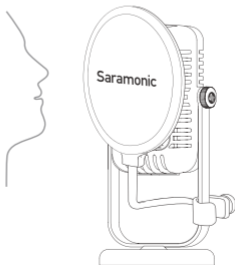
## 2. 接入耳机进行音频监听



3. 选择所需的拾音模式并根据录制需要，调节增益旋钮和耳机音量旋钮

4. 根据录制需要，将防喷罩安装至麦克风上。

5. 开始录制



## 参数

咪头	电容咪头
极性模式	心形 / 全向型
频率范围	75Hz-20kHz
灵敏度	-40 ± 3dB(0dB=1V/Pa,at1KHz)
信噪比	80dB
最大声压级	105dB
采样率	44.1kHz/48kHz/96kHz
位深	16/24-bit
麦克风增益控制	0 - 35 dBu
失真度	0.01%
耳机输出阻抗	32 Ω
工作电流	30mA
工作电压	USB DC 5V 插入供电
音频输出接口	3.5mm 耳机插孔 , USB-C 接口
重量	605g (21.34 oz.)
尺寸	67.2 × 67.74 × 123.01mm
工作温度	0° C ~ 50° C
储存温度	- 20° C ~ +55° C

## 包装清单

Xmic Z5 USB 麦克风 × 1

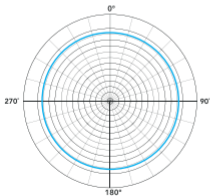
2 米 USB-A 转 USB-C 转接线 × 1

2 米 USB-C 转 USB-C 转接线 × 1

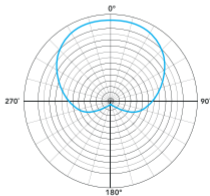
3/8 英寸转接头 × 1

麦克风防噪罩 × 1

## 极性图

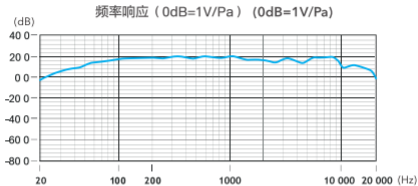


全向型

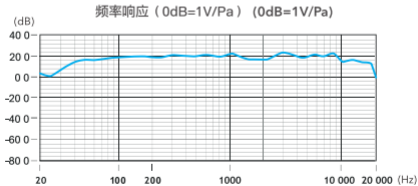


心形

# 频率响应



全向型



心形



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!

扫描微信关注枫笛公众号

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**Shenzhen Jiayz Photo Industrial., Ltd**

深圳市长丰影像器材有限公司

A16 Building, Intelligent Terminal Industrial Park of Silicon Valley

Power, Guanlan, Longhua District, Shenzhen, China

深圳市龙华区观澜街道大富工业区硅谷动力智能终端产业园 A16 栋



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