1		2	
品牌	BOYA	长丰型号	BY-CM5

7			8	
修改名称	版本	变更内容	变更日期	变更担当

BOYA

Desktop USB Microphone

桌面USB麦克风

BY-CM5

User Manual
用户手册

General Introduction

Thanks for choosing BOYA!

The BOYA BY-CM5 is a USB condenser microphone, compatible with most Android devices, tablets with USB-C connector and Mac/Windows computers. It can be used at a variable applications, such as home-studio recording, podcasting, video conference calls, vocals, instruments recording, and more.

The microphone features selectable cardioid and omnidirectional pickup patterns, allowing you to customize your audio, and supporting 24bit/48 kHz resolution. Built-in 3.5mm headphone jack allows you to monitor and ensure the audio intelligibility during recording. The headphone volume/gain/mute multi-function control allows you to adjust the volume according to your needs. With an adjustable desk stand, users can adjust the microphone at the desired angle.

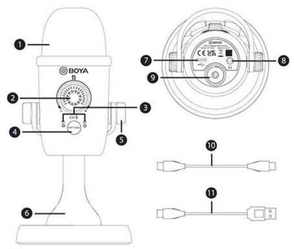
Cautions

- If you do not intend to use the microphone for a long period of time, please remove the USB cable.
- Do not touch the microphone while recording, as this will cause noise to be recorded.
- Do not let the microphone close to high-voltage equipment or to devices that emit strong electromagnetic fields; otherwise, it may cause the noise to be recorded.
- Do not use or leave the microphone in hot, humid places.

Package Contents

- BY-CM5 Microphone×1
- USB-C to USB-A Cable (3m)×1
- USB-C to USB-C Cable (2m)×1

Product Structure

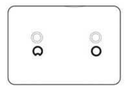


1. Metal mesh windscreen
2. Headphone volume/gain/mute control

Mode	Indicator		Operation
Headphone volume control		Solid blue light	Default setting: headphone volume control Short press the knob to mute the microphone. Press and hold the knob for 2 seconds to switch between gain control and headphone volume control. Turn the knob to adjust mic gain/ headphone volume.
Gain control		Solid purple light	
Mute ON		Solid red light	

Note: Under mute mode, you can't switch between gain control and headphone volume control mode by long pressing the knob. Please short press the knob to unmute the mic before switching.

3. Polar pattern indicators



Cardioid
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
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.

4. Polar pattern switch
- Touch to switch between Cardioid and Omnidirectional polar pattern.
5. Locking knobs
6. Desk stand
7. USB-C audio output
8. 3.5mm headphone output
9. 5/8" threaded hole
10. USB-C to USB-C cable
11. USB-A to USB-C cable

Functions

Angle Adjustment

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

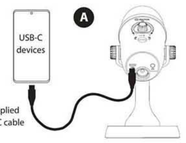
Mounting the BY-CM5 to a boom arm

1. Unscrew the locking knobs to remove the microphone from the desktop stand.
2. Mount the BY-CM5 to the boom arm through its 5/8" threaded hole.

Note:
the boom arm is not included.

Operation Guide

1. Connect the microphone to your smartphone/computer.



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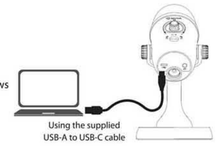
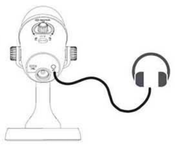


2. Connect headphones for audio monitoring.
3. Adjust the headphone volume/gain/mute control knob according to your needs.
4. You are ready to record.



Set-Up for Windows 10

1. Connect the microphone to the USB port on your computer using the supplied USB cable.
2. Go to "Setting", choose "Sound" as shown.
3. Select "Speaker BY-CM5" as output device.
4. Select "Microphone BY-CM5" as input device.

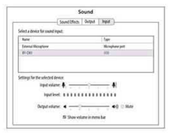
Set-Up for Windows 7

1. Connect the microphone to the USB port on your computer using the supplied USB cable.
2. From the "Setting Menu", select the "Control Panel".
3. Go to "Control Panel" , select "Hardware and Sound".
4. Select "Sound"
5. In the "Sound", select "Speaker BY-CM5" as the default device under the "Playback" tab.

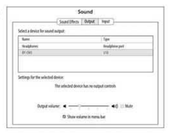
6. In the "Sound", select "Microphone BY-CM5" as the default device under the "Recording" tab.

Set-Up for Mac

1. Connect the microphone to the USB port on your computer using the supplied USB cable.
2. Go to Apple Icon-->System Preferences-->Sound Icon.
3. Select "BY-CM5" under "Input" tab.



4. Select "BY-CM5" under "Output" tab.



Features

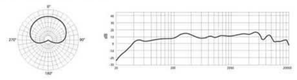
- Versatile microphone with USB-C connectivity
- Compatible with most Android devices, tablets with USB-C connector and Mac/Windows computers
- One-touch switching between cardioid and omnidirectional pattern
- All-in-one knob for gain & volume control & mute function
- 3.5mm headphone jack for real-time monitoring
- Deliver exceptional, professional-quality audio
- Rugged detachable microphone desktop stand

Specifications

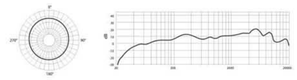
Polar Pattern	Cardioid/Omnidirectional
Frequency Response	20-20,000Hz
Sensitivity	-37dB (0dB=1V/Pa, 1kHz 1Pa)
Power Consumption	5V/70mA
Signal to Noise Ratio	82dB
Maximum SPL	110dB
Microphone's Gain Control	0~54dB
Sample Rate	48 kHz
Bit Depth	24 bit
Headphone Output Connector	1/8" (3.5mm) jack
Audio Output	Type-C
Size	98.4x97.5x209.1 mm
Weight	570g

Polar Pattern

Cardioid Polar Pattern



Omnidirectional



概述

感谢您选择BOYA!

博雅BY-CM5是一款USB电容式麦克风，适用于大多数安卓设备、带 USB-C接口的平板以及Mac/Windows电脑。它可以在各种场合中使用，如家庭工作室录音、播客、视频会议电话、声乐、乐器录制等等。

BY-CM5具有心型和全向型拾音模式切换功能，支持24bit/48 kHz音质分辨率，允许用户定制高质量声音。为保证录制音频的清晰度，BY-CM5的耳机监听孔能帮助用户进行实时音频监听。此外，耳机音量/增益调节/静音多功能旋钮还能根据录音实况进行音量调节。
简约麦克风支架设计，用户可根据自身使用场景，自由调节麦克风角度。

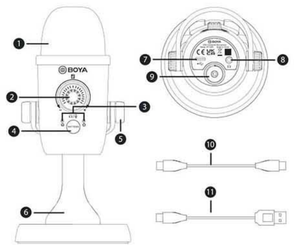
注意事项

- 如果您长时间不使用麦克风，请拔下USB线。
- 在录音时，请勿触碰麦克风，否则噪音也将收录进去。
- 请勿将麦克风靠近高压设备或发射强电磁场的设备，否则可能导致噪音也收录进去。
- 请勿将麦克风置于高温或潮湿的地方。

包装清单

- BY-CM5麦克风×1
- 3米USB-C转USB-A转接线×1
- 2米USB-C转USB-C转接线×1

产品结构

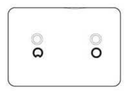


1. 麦克风金属网罩
2. 耳机音量/增益/静音控制旋钮

模式	指示灯		操作
耳机音量调节		蓝灯常亮	默认设置：耳机音量调节功能： 短按旋钮进入静音模式： 长按旋钮2秒可切换增益调节和耳机音量调节功能： 转动旋钮调节麦克风增益/耳机音量。
增益调节		紫灯常亮	
静音模式		红灯常亮	

注意：在静音模式下，长按旋钮无法实现增益调节/耳机音量调节功能切换。请先短按退出静音模式，再进行切换操作。

3. 拾音模式指示灯



心型拾音模式
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。

4. 拾音模式切换键
- 轻触可切换心型和全向型模式
5. 锁紧旋钮
6. 麦克风桌面支架
7. USB-C音频输出孔
8. 3.5mm耳机插孔
9. 5/8英寸螺纹孔
10. USB-C转USB-C数据线
11. USB-A转USB-C数据线

功能

麦克风角度调节
逆时针松开两侧的旋钮，将麦克风调整到所需角度，然后拧紧旋钮。

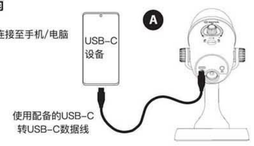
将麦克风安装至悬臂支架上

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。

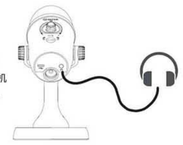
操作指南

1. 将麦克风连接至手机/电脑



B

2. 接入耳机进行音频监听
3. 根据录制需要，调节耳机音量/增益/静音控制旋钮。
4. 开始录制



程序设置

Windows 10

1. 用配备的转接线将麦克风接入电脑的USB端口
2. 如图所示，进入"设置"，选择"声音"
3. 选择"扬声器BY-CM5"作为输出设备
4. 选择"麦克风BY-CM5"作为输入设备

Windows 7

1. 用配备的转接线将麦克风接入电脑的USB接口。
2. 在"开始菜单"里选择"控制面板"
3. 点开"控制面板"选择"硬件和声音"
4. 选择"声音"
5. 在"播放"选项中选择"扬声器BY-CM5"为默认声音设备

6. 在"录制"选项卡下选择"麦克风BY-CM5"为默认设备

Mac系统

1. 用配备的转接线将麦克风接入电脑的USB端口
2. 进入点击苹果界面-->系统偏好设置-->声音
3. 选择"BY-CM5"为输入设备

4. 选择"BY-CM5"为输出设备

特点

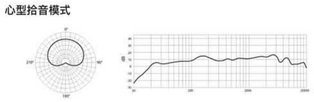
– 多功能USB麦克风
– 兼容大多数安卓设备、带 USB-C接口的平板以及Mac/Windows电脑
– 一键切换心型和全向型拾音模式
– 音量控制/增益控制/静音多合一旋钮
– 3.5mm耳机插孔，支持实时监听
– 提供出色的专业级音频
– 可拆卸耐用麦克风桌面支架

参数

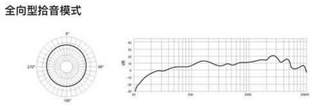
拾音模式	心型/全向型
频率响应	20~20,000Hz
灵敏度	-37dB (0dB=1V/Pa, 1kHz 1Pa)
功率消耗	5V/70mA
信噪比	82dB
最大声压级	110dB
麦克风增益值	0~54dB
采样率	48 kHz
比特率	24 bit
耳机输出口	3.5mm插孔
音频输出孔	Type-C
尺寸	98.4x97.5x209.1 mm
重量	570g

极性模式

心型拾音模式



全向型拾音模式



www.boya-mic.com

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TEL: 400 6131096
Email: sales@boya-mic.com
www.boya-mic.com / www.jiayz.com

技术要求:

1、表面无色差
2、无正负公差
3、包装标注尺寸为内尺寸

长丰影像
2021-9-25
吴蒙蒙

JIAYZ 长丰 深圳市长丰影像器材有限公司					
子件名称	BY-CM5说明书		版本	V00	
子件编号	1F0300300456	材质	80g书写纸 骑马钉 24p		
尺寸	110x110	比例	1:1	单位	mm
设计/日期	吴蒙蒙 2021-9-25	审核	暂无	核准/日期	赵宏亮