



USB Microphone

USB麦克风

BY-CM6

User Manual
用户手册



General Introduction

Thanks for choosing BOYA!

The BOYA BY-CM6 is a USB desktop microphone, compatible with most Android phones and Windows/Mac computers. With a cardioid pickup pattern, the BY-CM6 is designed to capture sound in front of the microphone and effectively reduce unwanted background noise. It is ideal for home-studio recording, podcasting, vocal performance, and more.

The BY-CM6 features built-in controls for gain, headphone volume and muting, and the 3.5mm headphone jack enables real-time monitoring. An adjustable desktop stand allows you to place the microphone at the angle that's right for you.



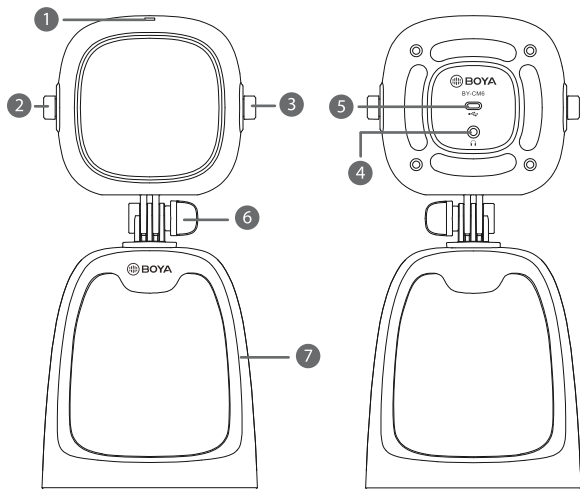
Cautions

- 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-CM6 Microphone
- USB-A to USB-C Cable (1.2m)
- USB-C to USB-C Cable (1.2m)

Product Structure



1. Power indicator

Mode	Indicator
Power on	Solid blue light
Power off	Light off
Mute on	Solid red light

2. Gain control

Turn the knob to adjust gain for microphone input level.

3. Headphone volume/mute control

Turn the knob to adjust headphone volume.

Short press the knob to mute/unmute the microphone.

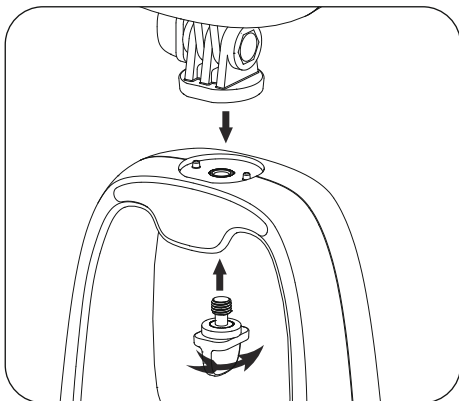
4. 3.5mm headphone output

5. USB-C audio output

6. Locking knob for angle adjustment

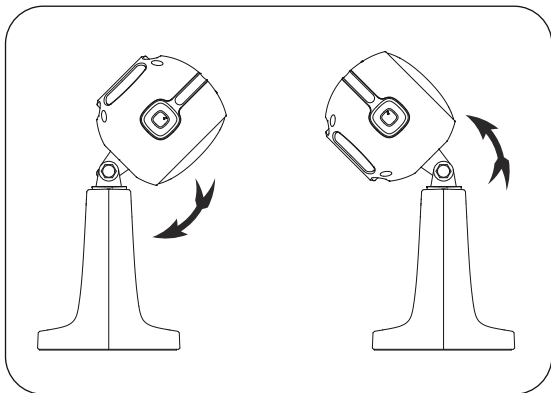
7. Desktop stand

Installation Guide

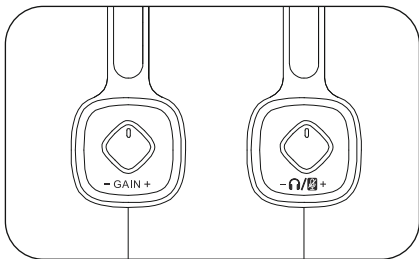


How to Use

1. Loosen the locking knob, adjust the microphone to the desired angle, then tighten the knob.



2. Turn the gain control and the volume control knobs halfway to max before recording.



Note:

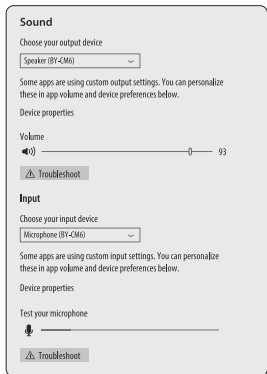
50% levels are recommended. Please turn up/down according to your needs.

3. Connect the microphone to a computer with the supplied cable.

4. Connect your headphones to the 3.5mm headphone jack for real-time monitoring.

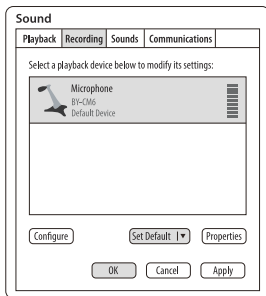
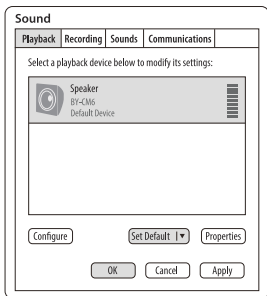
Setup for Windows 10

1. Connect the microphone to your computer using the supplied cable.
2. Go to "Setting", choose "Sound".
3. Select "Speaker BY-CM6" as the output device.
4. Select "Microphone BY-CM6" as the input device.



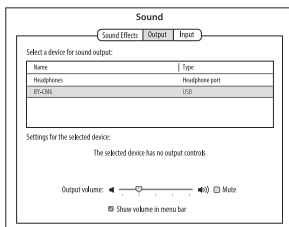
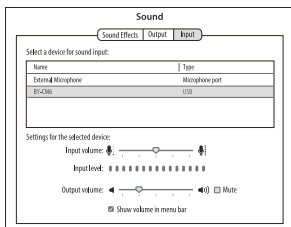
Setup for Windows 7

1. Connect the microphone to your computer using the supplied cable.
2. Go to "Control Panel"-->"Hardware and Sound"-->"Sound".
3. Select "Speaker BY-CM6" as the default device in "Sound", under the "Playback" menu.
4. Select "Microphone BY-CM6" as the default device in "Sound", under the "Recording" menu.



Setup for Mac

1. Connect the microphone to your computer using the supplied cable.
2. Go to Apple Icon-->System Preferences-->Sound Icon.
3. Select "BY-CM6" under the "Input" tab.
4. Select "BY-CM6" under the "Output" tab.



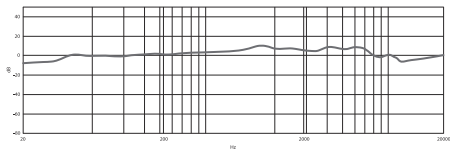
Features

- High-quality USB desktop microphone
- Ideal for home-studio recording, podcasting, vocal performance, etc
- Compatible with most Android phones, Windows/Mac computers
- Cardioid polar pattern
- Gain control, headphone volume control and mute function
- 3.5mm headphone jack for real-time monitoring
- Durable detachable microphone desktop stand
- Plug and play, easy to operate

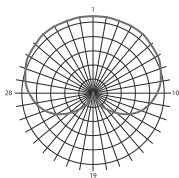
Specifications

Microphone Capsule	14mm capsule
Polar Pattern	Cardioid
Frequency Response	20Hz-20kHz
Sensitivity	-37dB±3dB
Signal-to-Noise Ratio	80dB
Maximum SPL	120dB(0dB=1V/Pa/1KHz)
Mic Gain	42dB
Sampling Rate	48kHz
Bit Depth	24bit
Audio Output Connector	3.5mm headphone output
	USB-C
Dimensions	109×111×245mm
Weight	Approx.582g

Frequency Response



Polar Pattern



感谢您选择BOYA!

博雅BY-CM6是一款USB桌面麦克风，适用于大部分安卓手机和Windows/Mac电脑。BY-CM6采用心型拾音模式，专注于收录麦克风前方声音，有效减少背景噪音。它可以在各种场合中使用，如家庭工作室录音、播客、人声表演等。

BY-CM6具有增益控制，耳机音量控制和静音功能。机身后面的3.5mm耳机插孔可实现实时监听功能。产品配备了可拆卸桌面支架，用户可根据自身使用场景，自由调节麦克风角度。



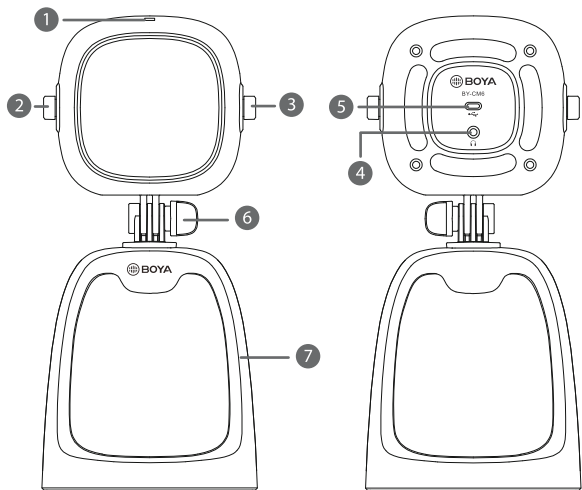
注意事项

- 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。
- 请勿将麦克风放置高温或潮湿的地方。

包装清单

- BY-CM6麦克风
- USB-A转USB-C音频线（1.2m）
- USB-C转USB-C音频线（1.2m）

产品结构



1. 电源指示灯

模式	指示灯状态
电源开启	蓝灯常亮
电源关闭	熄灭
静音模式	红灯常亮

2. 增益调节旋钮

转动旋钮进行麦克风增益调节

3. 耳机音量调节旋钮/静音键

转动可调节耳机监听音量

短按为打开/关闭静音功能

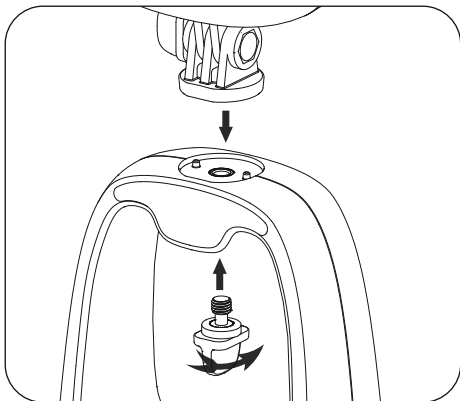
4. 3.5mm耳机插孔

5. USB-C接口

6. 麦克风角度调节旋钮

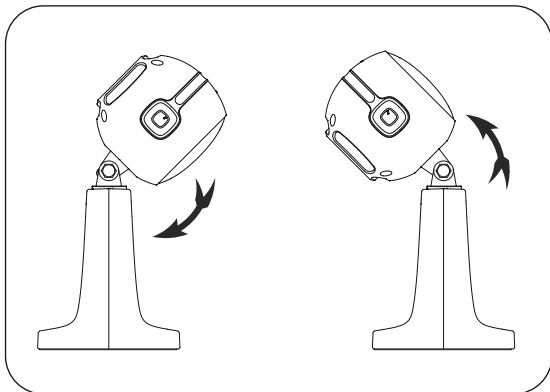
7. 桌面支架

安装指南

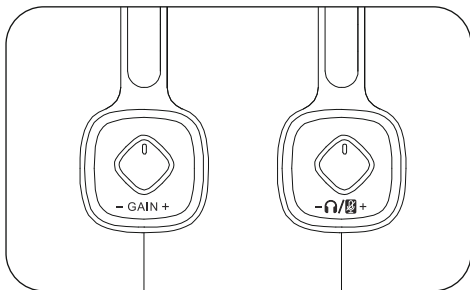


使用方法

1. 松动旋钮，将麦克风调整到所需的角度的，然后拧紧旋钮。



2. 将耳机音量旋钮、增益调节旋钮调节至50%位置。



注意：

建议初始旋钮调节到50%位置。若音源声过大导致声音失真，则往逆时针转动减小增益/音量；若音源声过小，则往顺时针方向转动提高增益/音量。

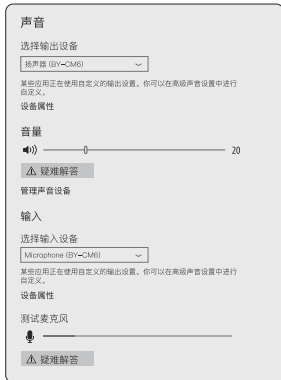
3. 通过配套的转接线，将麦克风连接至电脑。

4. 将耳机插入耳机孔可实时监听音频。

程序设置

Windows 10系统

1. 用配备的转接线将麦克风接入电脑。
2. 在设置界面选择“声音”。
3. 选择扬声器BY-CM6为输出设备。
4. 选择麦克风BY-CM6输入设备。



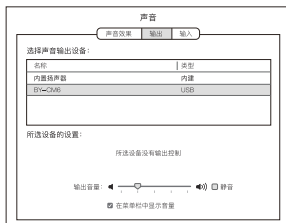
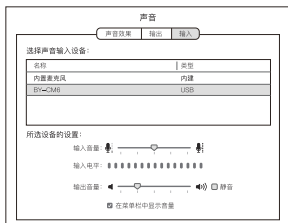
Windows 7系统

1. 用配备的转接线将麦克风接入电脑。
2. 点开“控制面板”-->“硬件和声音”-->“声音”。
3. 在“播放”选项卡下选择“扬声器BY-CM6”为默认声音设备。
4. 在“录制”选项卡下选择“麦克风BY-CM6”为默认声音设备。



Mac系统

1. 用配备的转接线将麦克风接入电脑。
2. 进入Apple主菜单-->系统偏好设置--> 声音。
3. 选择“BY-CM6”为输入设备。
4. 选择“BY-CM6”为输出设备。



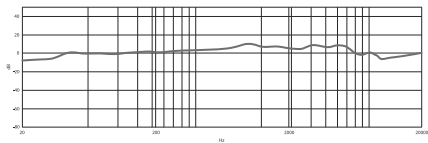
特点

- 高品质USB桌面麦克风
- 适用于家庭工作室录音、播客、人声表演等场景
- 兼容大部分安卓手机和Windows/Mac电脑
- 心型拾音模式
- 具备增益控制、耳机音量控制和静音功能
- 3.5mm实时监听耳机插孔
- 耐用可拆卸麦克风桌面支架
- 即插即用，操作简单

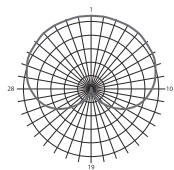
参数

咪头	14mm咪头
拾音模式	心型
频率响应	20Hz-20kHz
灵敏度	-37dB±3dB
信噪比	80dB
最大声压级	120dB(0dB=1V/Pa/1KHz)
麦克风增益值	42dB
采样率	48kHz
位深	24bit
音频输出接口	3.5mm耳机插孔
	USB-C接口
尺寸	109×111×245mm
重量	约582g

频率响应



极性模式



www.boya-mic.com

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