BOYA

BY-PM500

USB Microphone

USB麦克风

Introduction

Thanks for choosing BOYA!

The BOYA BY-PM500 is a USB condenser microphone, and compatible with computers with USB port and most Type-C smartphone. It can be used at a variable applications, such as home-studio recording, podcasting, video conference calls, vocals, instruments, and more.

The microphone features a 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 the audio intelligibility during recording. It also integrated with a mix headphone volume/gain/mute control and 5/8" threaded hole and delivers high quality sound with ample volume.

It includes desk stand that can ajust microphone in various desired angles, also has a functionality of folding the mic down for storage and transport as well.

Package Contents

- BY-PM500 Microphone
- 3m (9.8') Type-C to USB-A Cable
- 2m (6.5') Type-C to Type-C Cable
- Durable Desktop Stand
- User Manual

Instructure

1. Microphone cover

2. Headphone volume/gain/muting control

Short press the button	Mute ON (Solid Red Light)
Long press the button	Gain Control ON (Solid Purple Light)
Long press the button again	Headphone Volume Adjustment (Solid Blue Light)

* Default setting is functioning headphone volume adjustment, the indicator status is solid blue.

3. Polar pattern indicators

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.

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.

4. Polar pattern switch

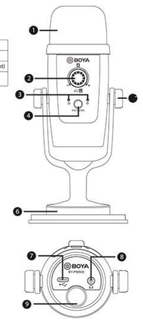
5. Screws

6. Desk stand

7. Type-C audio output

8. 3.5mm headphone output

9. 5/8" threaded hole



Features:

- Compatible with Windows and Mac computers, most Type-C devices
- Smooth and wide-spectrum response
- 2 selectable polar patterns
- 24 Bit/48 kHz resolution
- Muting function
- 3.5mm headphone monitoring jack
- Intergrated 5/8" threaded hole
- Latency-free monitoring
- Includes 3m Type-C to USB cable, 2m Type-C to Type-C cable, durable desktop stand

Specifications:

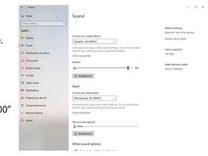
Polar Pattern:	Cardioid and Omnidirectional
Frequency Response:	20-20,000Hz
Sensitivity:	-36dB（0dB=1V/Pa，1kHz 1Pa）
Power Consumption:	5V/60mA
Signal to Noise Ratio:	80dB
SPL:	110dB
Microphone's Gain Control:	0~42dB
Sample Rate:	48 kHz
Bit Depth:	24 Bit
Headphone Amplifier:	Impedance: >16ohms
	Power Output(RMS): 58mW*2
	Distortion: 0.01%
	Frequency Response: 20-20,000Hz
	Signal to Noise Ratio: 102dB
	Headphone Volume Control: 0~27dB
Audio Output:	Type-C
Size:	100*84*226.7mm (3.9 x 3.3 x 8.90")
Weight:	703g (24.8oz)

How to use

1. Unscrew the knobs of both sides at anti-clockwise.
2. Adjust the microphone at your desired angle, then screw the knobs of both sides at anti-clockwise to fix the microphone.
3. Plug the mini USB of supplied cable into the USB port of microphone, and conect the other plug into the available USB prot of your computor.
4. Connect your headphone to 3.5mm headphone output if needed.

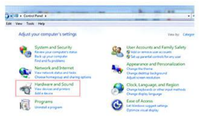
Set Up for Windows 10

1. Connect microphone with a USB port on your computer using the supplied USB cable.
2. Go to “Setting”, choose “Sound” as shown below.
3. Select “Speaker BY-PM500” as Output device.
4. Select “Microphone BY-PM500” as Input device.

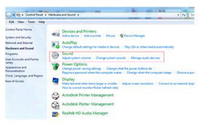


Set Up for Windows 7

1. Connect microphone with a 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. Select “Speaker BY-PM500” as the default device in the “Sound”, under “Playback” manu.

6. Select “Microphone BY-PM500” as the default device in the “Sound”, under “Recording” manu.

Setup for Apple System

1. Connect the BOYA BY-PM500 to an un-used USB port on your computer.
2. Go to Apple Icon-->System Preferences-->Sound Icon.

3. Select “BY-PM500” under “Input” tab.

4. Select “BY-PM500” under “Output” tab.

IMPORTANT

- If you do not intend to use the conference microphone for a long period 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.

MAINTENANCE

- Do not operate the device with wet hands or feet.
- Clean the equipment only in the way described in the instructions for use.

感谢您选择BOYA！

博雅BY-PM500是一款USB电容式麦克风，适用于USB电脑和大部分Type-C手机。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、乐器等等。

BY-PM500具有心型和全向型拾音模式切换更能，支持24bit/48 kHz音质分辨率，允许用户定制高质量声音。

为保证录制音频的完整性，BY-PM500的耳机监听孔能帮助用户进行实时音频监控。此外，耳机音量/增益调节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。

包装内容

– BY-PM500麦克风
– Type-C转USB音频转接线
– Type-C到转ype-C音频转接线
– 使用手册

产品结构

1. 麦克风金属网罩

2. 耳机音量/增益/静音控制按键旋钮

短按按键	静音模式（红灯常亮）
长按按键	增益调节（蓝灯常亮）
再次长按按键	耳机音量调节（蓝灯常亮）

* 按钮功能默认设置是耳机音量调节（蓝灯常亮）

3. 拾音模式指示灯

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。

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。

4. 拾音模式开关

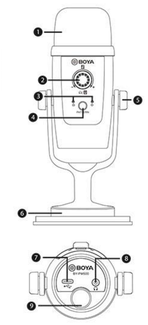
5. 螺丝

6. 麦克风支架

7. Type-c型音频输出

8. 3.5毫米耳机输出

9. 5/8英寸螺纹孔



特点:

- 兼容电脑和大部分Type-C手机设备
- 宽频响传输稳定音质
- 心型拾音模式和全向型拾音模式
- 24 Bit/48 kHz分辨率
- 静音模式
- 3.5mm耳机监听孔
- 内置5/8"螺丝孔
- 零延时监听
- 3米Type-C转USB音频转接线
- 2米 Type-C to Type-C音频转接线,
- 麦克风支架

参数

拾音模式	心型/全向型
频率响应	20~20,000Hz
灵敏度	-36dB（0dB=1V/Pa，1kHz 1Pa）
功率消耗	5V/60mA
信噪比	80dB
最大声压级	110dB
麦克风增益值	0~42dB
采样率	48 kHz
位宽	24 Bit
耳机放大器	阻抗: >16ohms
	电源输出: 58mW*2
	失真率: 0.01%
	频率响应: 20~20,000Hz
	信噪比: 102dB
	耳机音量控制: 0~27dB
音频输出孔	Type-C
尺寸	100 x 84 x 226.7mm
重量	703g

使用方法

1. 将支架两旁的螺丝朝逆时针方向扭松
2. 角度调整完成后，两边螺丝皆朝顺时针方向旋紧固 定麦克风
3. 将mini USB线插入到电脑的USB接口
4. 将耳机插入3.5mm耳机孔

麦克风安装方法(Windows10 版本)

1. 将mini USB线插入到电脑的USB接口，与麦克风连接。
2. 在设置界面选择“声音”。
3. 选择扬声器BY-PM500为输出设备。
4.选择麦克风BY-PM500输入设备。

麦克风安装方法(Windows8 版本)

1. 将mini USB线插入到电脑的USB接口，与麦克风连接。
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-PM500”为默认声音设备

6. 在“录制”选项中选择“麦克风 BY-PM500”为默认声音设备

苹果系统

1. 将mini USB线插入到电脑的USB接口，与麦克风连接。
2. 进入点击苹果界面 – 系统设置 – 声音

3.选择“BY-PM500”为输入设备

4.选择“BY-PM500”为输出设备。

重要事项

- 如果您长时间不使用麦克风，请将USB线移除。
- 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，产生强大的电磁场，导致噪音也收录进去。
- 请勿将麦克风放置炎热或潮湿的地方。

保养

- 操作设备时请保持手的干燥整洁。
- 请按照说明书的指示清洁设备。

www.boya-mic.com

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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