

BOYA

Desktop Gooseneck Condenser Microphone

鹅颈桌面会议电容式麦克风

BY-GM18CU

User Manual
用户手册



Introduction

Thanks for choosing BOYA!

BOYA BY-GM18CU is a cardioid gooseneck condenser microphone. It's an ideal choice for lectures, conferences, and meetings. With the excellent cardioid polar pattern, the BY-GM18CU can clearly capture the voice in front of the mic, designed to provide clear and intelligible speech reproduction for lectures, video conferences, meetings, and more.

The BY-GM18CU's shaft features upper and lower gooseneck sections that enable you to precisely position the capsule in front of the speaker for optimal sound. Talk/Mute status is clearly indicated by the LED indicator on the mic base and capsule. Featuring capabilities of mute and real-time audio monitoring, the BY-GM18CU can plug and play, not requiring batteries.

Safety Instructions

- Please read this user manual carefully and completely before using the product, and keep it for future reference.
- Warning: improper installation could irreparably damage the unit.
- Place the unit in a location protected from weather and far from water and moisture.
- Keep all liquids away from the product. Liquids entering the product can short-circuit the electronics or damage the mechanics.
- Don't place this unit close to heat sources (radiators, spotlights, etc.)

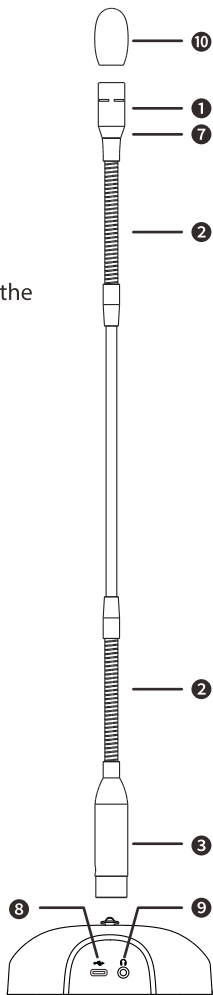
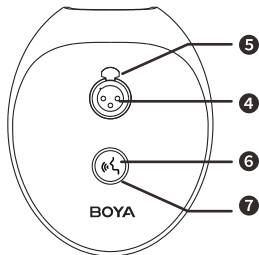
Product Structure

- ① Cardioid microphone capsule
- ② 18" dual-section gooseneck
- ③ XLR male connector
- ④ XLR female connector
- ⑤ PUSH button
- ⑥ Talk/ Mute button
Press the button to mute/ activate the microphone.

⑦ LED Indicator

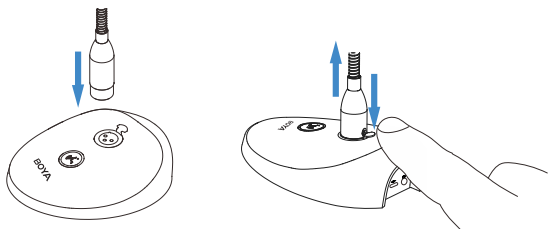
Mode	Indicator Status
Mute OFF	Static Orange
Mute ON	Light off

- ⑧ Type-C audio output
- ⑨ 3.5 mm headphone jack
Connect headphones for audio monitoring.
- ⑩ Foam windscreen



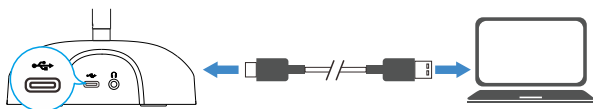
Operation Guide



1. Insert the gooseneck connector into the XLR connector on the surface of the microphone base as shown.

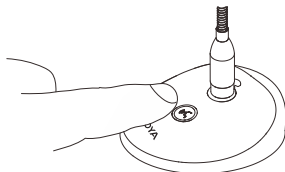


NOTE: Please press the **PUSH** button to remove.

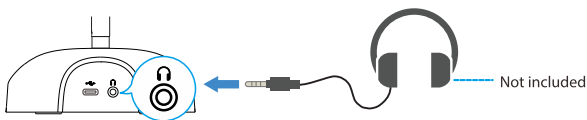
2. Connect the microphone to your computer with the included USB-A to Type-C cable. Mic is activated, and the indicators light on (default state).



3. Press the “” button to mute the microphone, and the indicators will turn off.
Press the “” button again to activate the microphone, and the indicators will turn orange.



4. Connect headphones for audio monitoring.

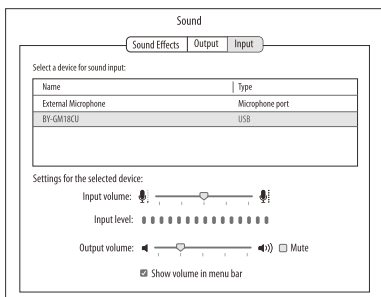


5. You are ready to record.

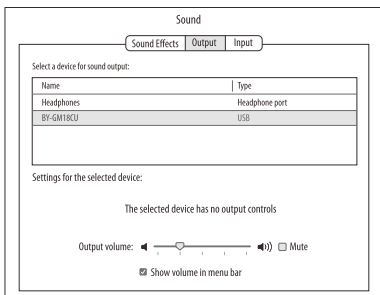
Procedure Setup

Set up for Mac

1. Connect the BY-GM18CU to your computer with the included USB-A to Type-C cable.
2. Open System Preferences and select the Sound icon.
3. Select "BY-GM18CU" under the "Input" tab.

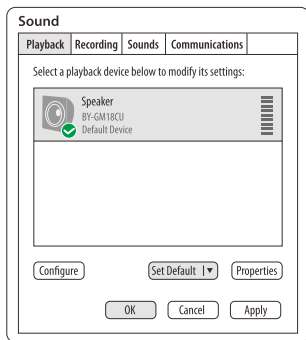


4. Select "BY-GM18CU" under the "Output" tab.

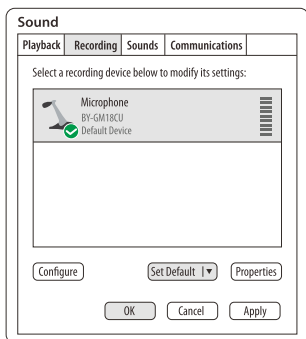


Set up for Windows

1. Connect the BY-GM18CU to your computer with the included USB-A to Type-C cable.
2. Go to the Control Panel→Hardware and Sound→Manage audio devices.
3. Select "BY-GM18CU" as the default device under the "Playback" tab.



4. Select "BY-GM18CU" as the default device under the "Recording" tab.



Packing Contents

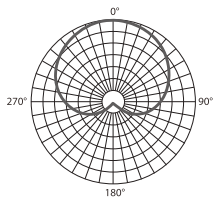
- Microphone Base
- 18" Gooseneck Microphone
- Foam Windscreen
- 6.6' (2 m) USB-A to Type-C Cable
- User Manual
- Warranty Card

Specifications

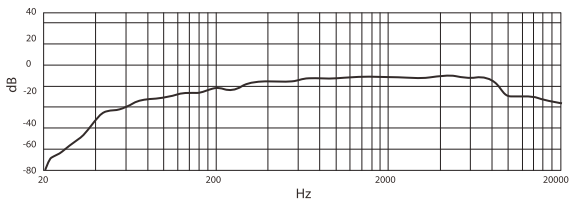
Acoustic Principle	Condenser
Polar Pattern	Cardioid
Frequency Response	45Hz-18kHz
Sensitivity	-36dB±2dB (0dB=1V/Pa @ 1kHz)
Sampling Rates	48kHz
Bitrate	24bit

Signal-to-Noise Ratio	$\geq 80\text{dB}$
Maximum SPL	110dB SPL
Headphone Gain	30dB
Mic Gain	30dB
Audio Input	XLR connector
Audio Output	Type-C audio port
	3.5 mm headphone jack
Dimensions	Gooseneck Mic: $\phi 13\text{ mm} \times 492\text{ mm}$ ($0.51 \times 19.37''$)
	Mic Base: $141\text{ mm} \times 116\text{ mm} \times 41\text{ mm}$ ($5.55 \times 4.57 \times 1.61''$)
Weight	Approx. 20.09 oz (569.5 g)
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to $+55^{\circ}\text{C}$

Polar Pattern



Frequency Response



概述

感谢您选择BOYA!

BOYA BY-GM18CU是一款心形指向桌面鹅颈电容麦克风，适用于会议、舞台、主持、演讲等多种场景。心形指向性麦克风，满足前方声音收录，会议场景发言效果更清晰。

18英寸双折鹅颈设计，面对不同高度、不同距离的会议桌面都能调整自如，适应多种高度的桌面。麦克风底座按键以及鹅颈灯效提示产品工作状态。产品无需电池，即插即用，支持一键静音，实时监听。

安全指南

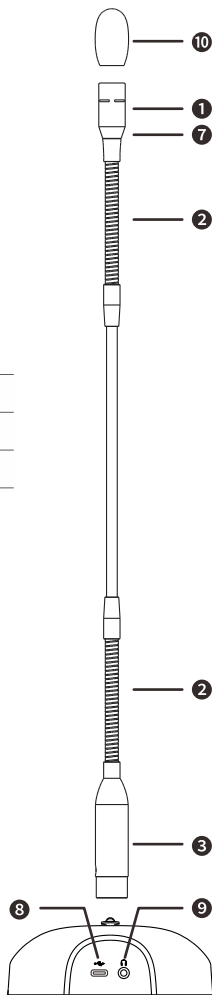
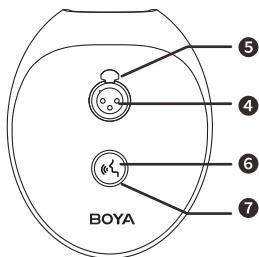
- 在操作产品前，请仔细阅读这些说明，并妥善保管说明书，以备将来使用。
- 警告：不正确的安装可能会损坏设备。
- 请将本机放置在不受天气影响且远离水和湿气的地方。
- 避免任何液体进入设备内部。
- 请勿将本机靠近热源（散热器，聚光灯等）

产品结构

- ① 心形指向麦克风咪头
- ② 18英寸双折鹅颈麦主体
- ③ 卡侬公头
- ④ 卡侬母头
- ⑤ PUSH按钮
- ⑥ 发言/静音键
短按此键可开启/关闭静音功能。
- ⑦ LED指示灯

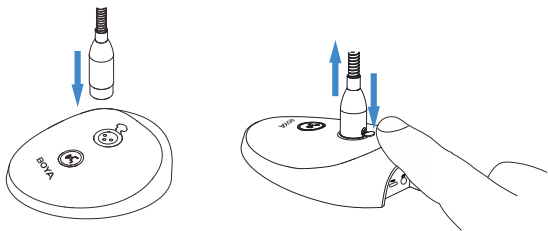
模式	指示灯状态
麦克风开启	橙灯常亮
麦克风静音状态	橙灯熄灭

- ⑧ Type-C音频输出孔
- ⑨ 3.5 mm耳机监听孔
接入耳机进行音频监听。
- ⑩ 防风海绵



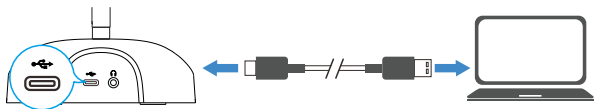
操作指南



1. 如图所示将鹅颈麦插入麦克风底座XLR接口；

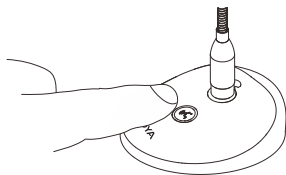


注意：取出时需按压PUSH金属按钮。

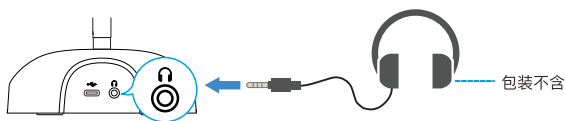
2. 使用随附的USB-A转Type-C数据线，将麦克风连接至电脑，麦克风默认处于开启状态，指示灯亮起；



3. 短按“”按键，麦克风将转为静音状态，指示灯熄灭；再次短按“”按键，开启麦克风，指示灯呈橙色；



4. 连接耳机进行音频监听；

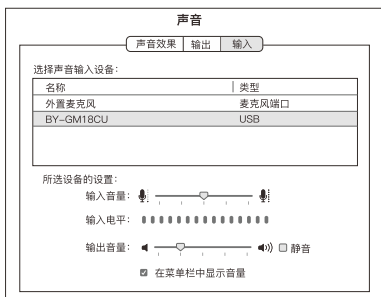


5. 开始录制。

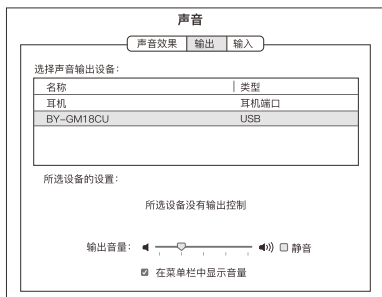
操作指南

Mac系统程序设置

1. 使用随附的USB-A转Type-C数据线将BY-GM18CU接入电脑；
2. 打开“系统偏好设置”，然后选择“声音”图标；
3. 选择“BY-GM18CU”为输入设备；

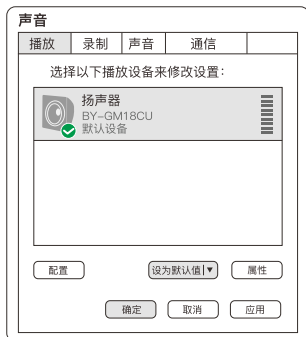


4. 选择“BY-GM18CU”为输出设备。

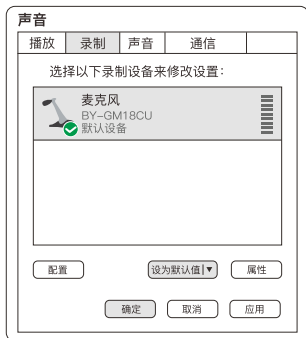


Windows系统程序设置

1. 使用随附的USB-A转Type-C数据线将BY-GM18CU接入电脑；
2. 进入“控制面板”→“硬件和声音”→“管理音频设备”；
3. 在“播放”选项卡下选择“BY-GM18CU”为默认设备；



4. 在“录制”选项卡下选择“BY-GM18CU”为默认设备。



包装清单

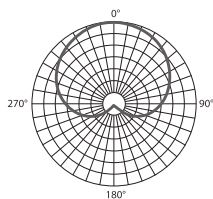
- 麦克风底座
- 18英寸双折鹅颈麦克风
- 防风海绵
- USB-A转Type-C数据线（2米）
- 用户手册
- 保修卡

参数

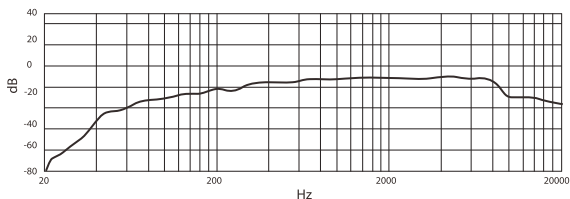
声学原理	电容麦
拾音模式	心型
频率响应	45Hz-18kHz
灵敏度	-36dB±2dB (0dB=1V/Pa @ 1kHz)
采样率	48kHz
比特率	24bit

信噪比	≥80dB
最大声压级	110dB SPL
耳机监听增益	30dB
麦克风增益	30dB
音频输入	卡侬接口
音频输出	Type-C音频接口
	3.5 mm耳机监听孔
尺寸	鹅颈麦: $\phi 13\text{ mm} \times 492\text{ mm}$
	底座: $141\text{ mm} \times 116\text{ mm} \times 41\text{ mm}$
重量	569.5 g
工作温度	0°C ~ 50°C
贮存温度	-20°C ~ +55°C

极性图



频率响应



SHENZHEN JIAYZ PHOTO INDUSTRIAL., LTD.

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深圳市长丰影像器材有限公司

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