

BOYA

**Noise-Canceling Gooseneck
Condenser Microphone**
USB电容式桌面麦克风
BOYA CM40

User Manual
用户手册

Safety Instructions

Please read this manual carefully before using, and strictly operate and store it in accordance with the instructions. Please save the manual for future reference. If you need further assistance than the user manual, please consult your retailer for help or email us at: sales@boya-mic.com

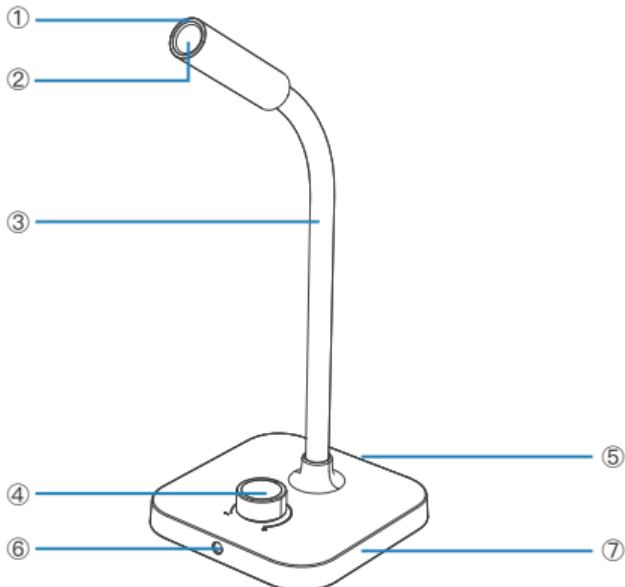
Warnings

1. Do not use the microphone underwater or expose it to rain. Please store it in a cool, dry place.
2. Use and store the microphone at a normal temperature. Do not frequently move it between hot and cold environments. Please keep it away from heat sources such as heaters, ovens.
3. When using and storing, please keep away from dust and moisture.
4. Avoid harsh impacts and collisions on the microphone.
5. Do not position the microphone close to the speakers to prevent audio feedback.
6. For the best pick-up pattern, do not hold your hand against the microphone.

Product Overview

BOYA CM40 is a USB condenser conference microphone featuring a 360° adjustable arm for flexible positioning and optimal sound pickup from any direction. The built-in LED indicator allows you to instantly check the microphone's working status. It comes with a gain control dial for quick adjustment of input sensitivity and supports tap-to-mute, noise cancellation and more functions. The base includes a headphone monitoring jack, enabling real-time monitoring and adjustment. Compatible with multiple platforms, the BOYA CM40 delivers high-quality audio whether connected to a smartphone, tablet, or computer.

Product Overview



① Indicator

② Microphone Capsule

③ Support Arm

The arm can be rotated for 360° angle adjustment

④ Control Knob

● Mute:

Mute On: Press the knob — the indicator solid red.

Mute Off: Press the knob — the indicator solid blue.

● Noise Cancellation

Noise Cancellation On: Press and hold the knob for 2 seconds — the indicator solid green.

Noise Cancellation Off: Press and hold the knob for 2 seconds — the indicator solid blue.

● Volume Adjustment

Volume Up: Rotate the knob clockwise — when the maximum volume is reached, the indicator flashes red for 2 seconds.

Volume Down: Rotate the knob counterclockwise — when the minimum volume is reached, the indicator flashes red for 2 seconds.

⑤ USB-C Output Port

Used to output audio to external devices like smartphones, tablets, and computers.

⑥ 3.5 mm Headphone Jack

Connect headphones for real-time monitoring or playback monitoring.

Real-time Monitoring: Monitor your own voice while recording.

Playback Monitoring: Monitor audio playback from external devices.

⑦ Base Stand

Pickup Pattern and Placement

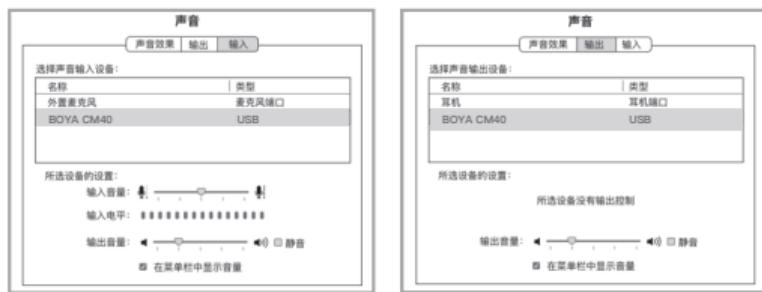
Microphone Activation

Connect the microphone to your phone, computer, or other devices using the included USB-C to USB-C / USB-A data cable.

Program Settings (Normally no configuration is required—the microphone is plug-and-play)

Mac System Program Setup

1. Connect the BOYA CM40 to your computer using the included USB-C to USB-C/USB-A data cable.
2. Open System Preferences, then select the Sound icon.
3. Choose BOYA CM40 as the input device under the Input tab.
4. Select BOYA CM40 as the output device under the Output tab.



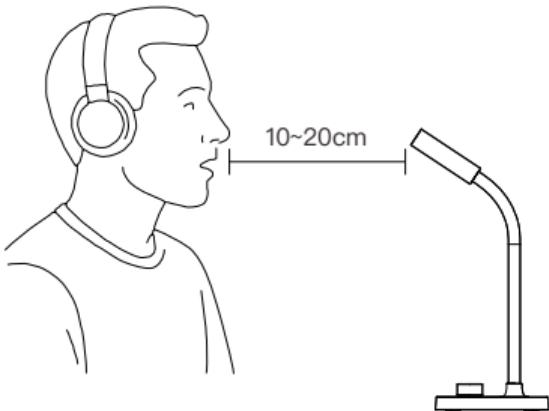
Windows System Setup

1. Connect the BOYA CM40 to your computer using the included USB-C to USB-C/USB-A data cable.
2. Go to Settings> System > Sound.
3. In the Playback tab, select BOYA CM40 as the default device.
4. In the Recording tab, select BOYA CM40 as the default device.



Pickup Pattern and Placement

Place the microphone 10–20 cm away from the sound source and adjust the appropriate volume.



In the Box

BOYA CM40 microphone × 1

USB-C to USB-C/USB-A data cable × 1

Specifications

Acoustic Principle	Condenser Microphone
Polar Pattern	Omnidirectional
Frequency Response	50 ~ 20,000 Hz
Sensitivity	-38 dB (± 3 dB)
Sampling Rate	192 kHz
Bit Rate	24 Bit
Signal-to-Noise Ratio	≥ 75 dB
Maximum SPL	≥ 100 dB SPL
Minimum Output Impedance	16 Ω
Port	3.5 mm headphone for monitoring USB-C Output Port (USB 4.0 Hi-Speed)
Dimensions	102*102*290mm
Weight	185g
Power Supply	5 V,127 mA/5V, 127 mA
Operating System Requirements	Windows: 10 or later, macOS: 10.15 or later, Android: 9.0 or later, iPadOS: 14 or later (Apple devices with a USB-C port are required)
Operating Temperature	0 °C ~ +40 °C (32 °F ~ 104 °F)
Storage Temperature	-20 °C~ +70 °C (-4 °F-158 °F);

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