

ZealSound 

Plug and Play



Product Model: K66DG
Professional Studio Microphone

V1.1

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Accessories

Microphone *1

Type-C to USB-A Cable *1



Receiver *1



Type-C Adapter *1



Foam Windscreen * 1

Usb adapter for iphone

Microphone Button Function

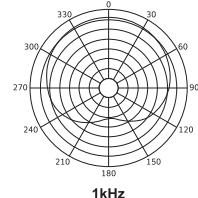
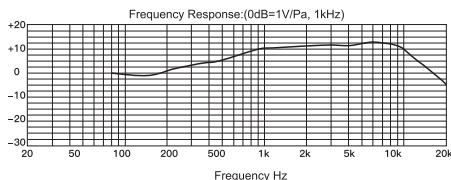


Indicator light Instructions

Function Button	Mode	Button Description
① Indicator	Charging Mode	The red light is on when it is charging
	Noise Reduction Mode	In the noise reduction mode, the blue light is on
② MUTE/ANC Button	Long Press: Power On/Off	When the mic is on, the green light is on
	One click to turn on the mute mode	In the mute mode, the red light is on
	Double click to turn on the noise reduction mode	Open the noise reduction mode to get better sound
	Bluetooth Mode	When recording, we can connect another bluetooth device to make a BGM accompaniment. The blue light is on when bluetooth connected successfully
③ Microphone Volume	Microphone Volume Adjustment	Turn left or right to decrease or increase the microphone volume
④ Monitor Volume	Microphone Monitoring adjustment	Turn left or right to decrease or increase the monitor volume
⑤ Echo Adjustment	Microphone Echo Adjustment	Turn left or right to decrease or increase the echo volume
⑥ Type-C Interface	Microphone Audio Output	Plug one end of the Type-C audio cable into the microphone and the other end into other devices.
⑦ 3.5mm Headphone Jack	3.5mm Headphone Jack	Plug in 3.5mm TRRS headphones to receive and monitor sound
⑧ Receiver Indicator	Green Light	The green light is on when the receiver is successfully connected

Specifications

Microphone Diameter	16MM
Polar Pattern	Cardioid
Computer Transmission Method	USB2.0
Power supply	External power supply 5v
Frequency Response	80Hz-20KHz
Sampling Rate	46KHz
Sensitivity	45db+-3db
Signal-to-noise ratio	85db
Dynamic Range	88db
Equivalent noise level	66db
USB Cable Length	70.9inch

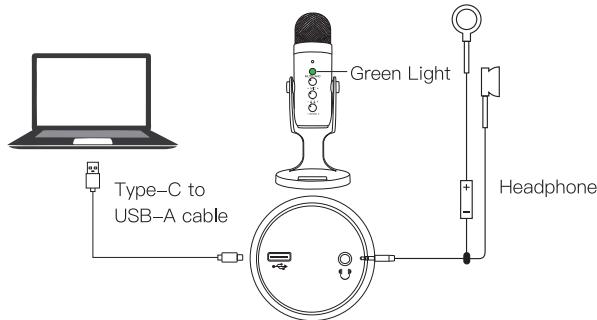


How to connect via wire

1. Connect to PC with USB Interface

Long press MUTE/ANC to turn on the microphone, the indicator light flashes green.

Plug the USB end of cable into your PC, and the Type-C end into the Microphone. Then the MUTE/ANC indicator solid green.

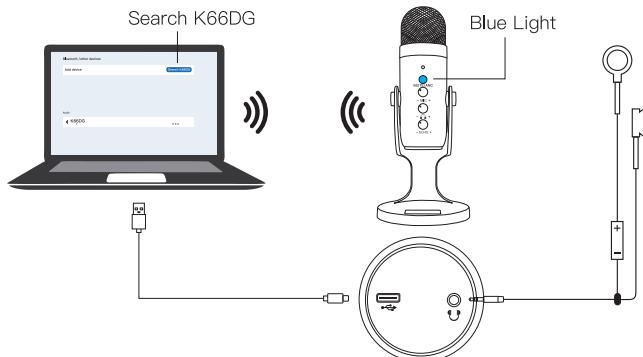


Note: If your newest Macbook has a Type-C interface, please refer to Connection 2.

1.1 Bluetooth connect to PC

Please search the Bluetooth pairing name: K66DG on your computer. When the status indicator lights are solid blue, the connection is successful.

Open the app on your computer to start recording, video recording, or live streaming.

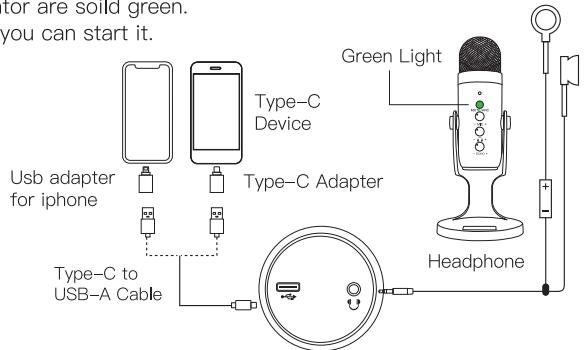


2. Connect to Type-C device/iPhone with Receiver

Long press MUTE/ANC to turn on the microphone, the indicator light flashes green.

Plug the receiver into Type-C device/iPhone (Please use the corresponding adapter to connect your device), the microphone indicator and receiver indicator are solid green.

Then you can start it.

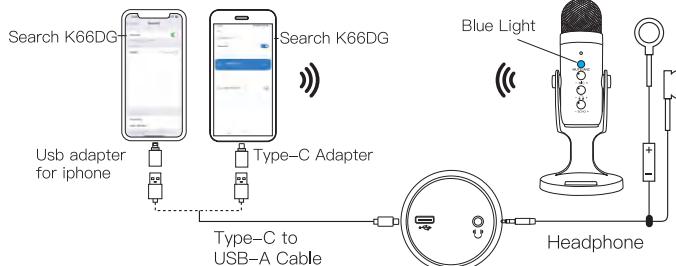


2.2 Bluetooth connect to Type-C device/iPhone

Please search the Bluetooth pairing name: K66DG on your Type-C device/iPhone.

When the status indicator lights are solid blue, the connection is successful.

Open the app on your computer to start recording, video recording, or live streaming.



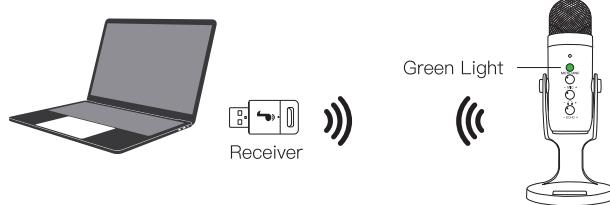
How to connect Receiver

1. Connect to PC with Receiver

Long press MUTE/ANC to turn on the microphone, the indicator light flashes green.

Plug the receiver into PC, the microphone indicator and receiver indicator are solid green.

Then you can start it.

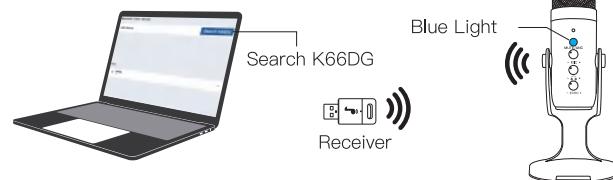


Note: If your newest Macbook has a Type-C interface, please refer to Connection 2

1.1 Bluetooth connect to PC

Please search the Bluetooth pairing name: K66DG on your computer. When the status indicator lights are solid blue, the connection is successful.

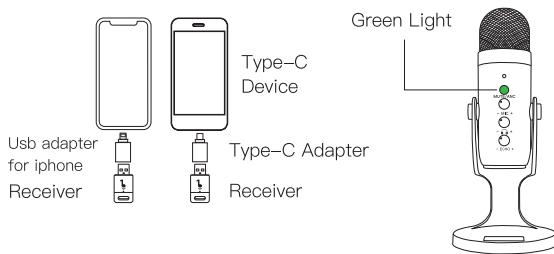
Open the app on your computer to start recording, video recording, or live streaming.



2. Connect to Type-C device/iPhone with Receiver

Long press MUTE/ANC to turn on the microphone, the indicator light flashes green.

Plug the receiver into Type-C device/iPhone (Please use the corresponding adapter to connect your device), the microphone indicator and receiver indicator are solid green. Then you can start it.

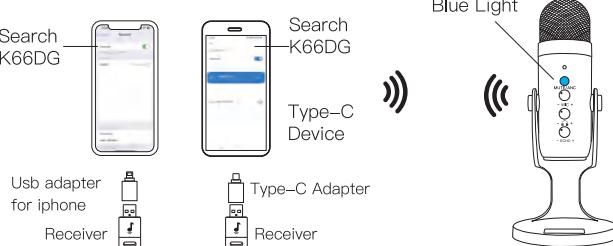


2.2 Bluetooth connect to Type-C device/iPhone

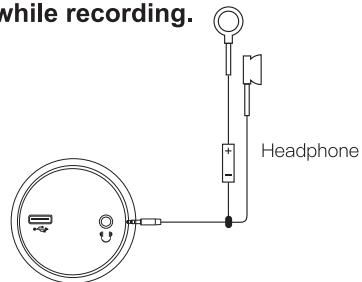
Please search the Bluetooth pairing name: K66DG on your Type-C device/iPhone.

When the status indicator lights are solid blue, the connection is successful.

Open the app on your computer to start recording, video recording, or live streaming.



3. Plug the earphone into the the headphone jack of Mic if you need to monitor while recording.



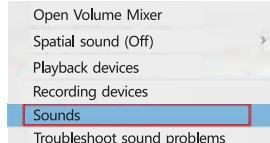
Note:

- Adjust the volume of the microphone, earphone, and echo to achieve the desired effect before using the K66DG microphone.
- Most Android phones' camera apps suppress external microphone echo.
- For Android devices with USB-C jacks, please check if your device supports the OTG function. If OTG does not turn on automatically, you can manually switch it on by going to "Settings" and turning it on.

Computer Setup

Windows

Step 1: Plug the K66DG microphone into your computer. The computer will automatically recognize the USB device and install a driver.



Step 2: Right-click on the sound icon on the system tray and select “ Sounds ”.

Step 3: Click the Recording tab and select The “ **K66DG Audio Device** ” and click on the **Set Default** button.



macOS

Step 1: Plug the K66DG microphone into your computer space. The computer will automatically recognize the USB device and install a driver.



Step 2: Open your “ **System Preferences** ”.



Step 3: Click “ **sound** ” to display the Sound preference pane.



Step 4: Click the Input tab and select the “ **K66DG Audio Device** ” as the device for sound input.

Troubleshooting

If the troubleshooting steps mentioned below haven’t solved your issue, please email us at info@zealsound.com for further assistance.

1. My microphone can’t work.

- ① Check if the flash green LED indicator is lit up on the K66DG microphone.
- ② Ensure you have connected a 3.5mm TRRS headphone to the K66DG for audio monitoring.
- ③ Verify if the microphone volume is not set to the minimum or if the mute button is activated.
- ④ Try using the microphone on a different device to see if you can hear the sound from the headphones, then determine if the issue lies with the adapter.
- ⑤ If you are using an Android device, please confirm if the OTG function is activated, if not, go to the device’s settings and manually activate it.
- ⑥ For Android smartphones with a 3.5mm headphone jack, you will need to acquire a USB to 3.5mm audio cable separately.

2. The microphone is not working properly on my MacBook Pro.

The K66DG microphone is designed to be compatible with all MacBook models, including the 2020/2021 versions. If the microphone is not working on your Mac, try connecting the microphone to a different USB port and restarting your computer. If the problem persists, consider using a different adapter or type-C to USB cable.

3. Why can’t I hear my own recordings?

Please unplug the receiver and then listen to the recording and there will be sound.

4. This microphone is not compatible with my iPad

The K66DG microphone is compatible with the iPad generation 4th and newer, the 2nd generation iPad Air and newer, all models of iPad Mini, and all models of iPad Pro with the included Lightning Adapter and

Type C Adapter. Please check if your iPad is one of these models.

5. The microphone is not working on my Android phone.

The K66DG microphone is compatible with Android phones featuring a Type-C interface with the included Type-C adapter. And please make sure to activate OTG in your Android device's settings before using the microphone.

6. I connected the K66DG microphone to my Android phone and attempted to record audio using the built-in camera app. However, I didn't hear any echo effect during playback.

Most Android phones' camera apps suppress external microphone echo due to system limitations. As a result, the K66DG microphone may not capture the desired echo effect. To achieve the desired echo effect, consider using professional recording software such as Smule, GarageBand, Sing, Karaoke, YouTube, Vocolo, Rapchat, or Anchor.

7. The microphone is not working on my Windows computer.

Please verify if you have set the microphone as the default audio input source as instructed in the user manual. Also, check if your computer has correctly recognized the microphone as the default microphone instead of the headphone.

8. I am encountering audio delay with my K66DG microphone.

If you are experiencing audio delay with the K66DG microphone, try using a TRRS headphone for monitoring and make real-time adjustments to the audio as needed.

9. Can the microphone function during FaceTime calls on an iPhone?

The K66DG microphone, unfortunately, does not support usage during FaceTime calls on an iPhone. However, it is compatible for use with phone calls on Android phones.

10. Is it possible to use this microphone from a distance without being too close to it?

It is generally recommended to maintain a distance of approximately 6 to 12 inches from your mouth when using this microphone. However, feel free to experiment with different distances to find the optimal one

Type C Adapter. Please check if your iPad is one of these models. that meets your needs. Please note that this is a top-addressed microphone, so position it in a way that the top of the microphone faces the sound source during use. For the best sound quality,speak directly into the top of the microphone.

11. Is this microphone compatible with a podcast equipment bundle?

Regrettably, this microphone is not compatible with podcast equipment bundles as it is a USB microphone and not an XLR microphone.

12. When I tried to record videos on my Android or iPhone, it showed that my phone does not support this K66DG microphone, and the microphone sound was not recorded.

Please connect the microphone to your phone using the adapter provided. Once the adapter and phone are connected, do not unplug the adapter. Instead, turn off your phone and then turn it back on.

13. This microphone picks up a lot of background noise.

This microphone is quite sensitive because of its cardioid polar pattern and 16mm Capsule. However, you can try some methods below to reduce background noise:

- ①Place the microphone closer to your mouth and away from noise sources like electrical appliances.
- ②Lower the microphone volume and echo level by half to reduce noise.
- ③Check if the noise reduction function is enabled. Double Click MUTE/ANC Button: Activate/Deactivate Noise Reduction Mode, One Click MUTE/ANC Button: Power On/Off Mute Mode.
- ④Record in a quiet environment and use noise reduction software to remove background noise.

14. As an ASMR artist, I am experiencing excessive noise with this microphone, how can you help me resolve it?

The noise-canceling function is OFF by default. To activate noise cancel, double click MUTE/ANC button to activate/deactivate noise reduction mode.

Warranty

The product comes with 12-month warranty. It will become void if the equipment is altered, misused, mishandled, maladjusted or suffers excessive wear. If you have more questions, please feel free to contact our after-sale service via email info@zealsound.com. We will try our best to find a solution.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

RF exposure compliance statement:

This device has been evaluated to meet the general RF exposure requirement

FCC Statement:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



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