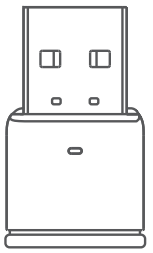
UGREEN

Bluetooth 5.3 Transmitter Audio Adapter

Model: CM668 I P/N: 15765A

User Manual

Package Contents



1×Bluetooth 5.3 Transmitter Audio Adapter



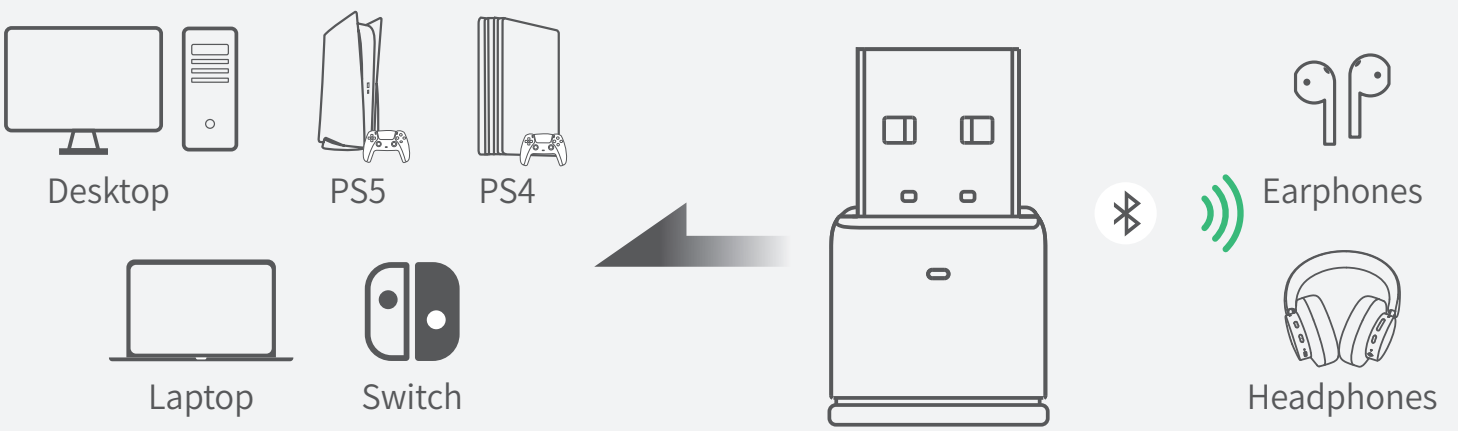
1 × User Manual



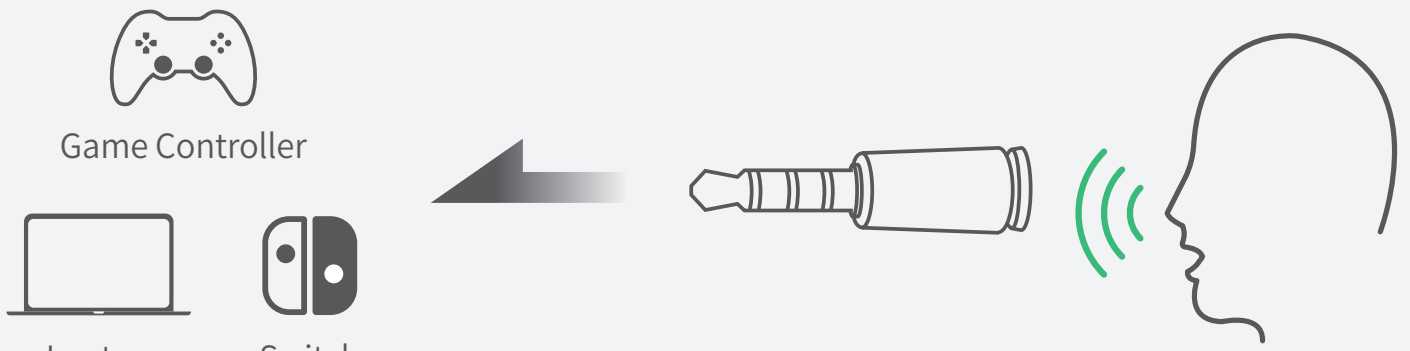
1×3.5mm Mic

Connection

Transmitter



Microphone



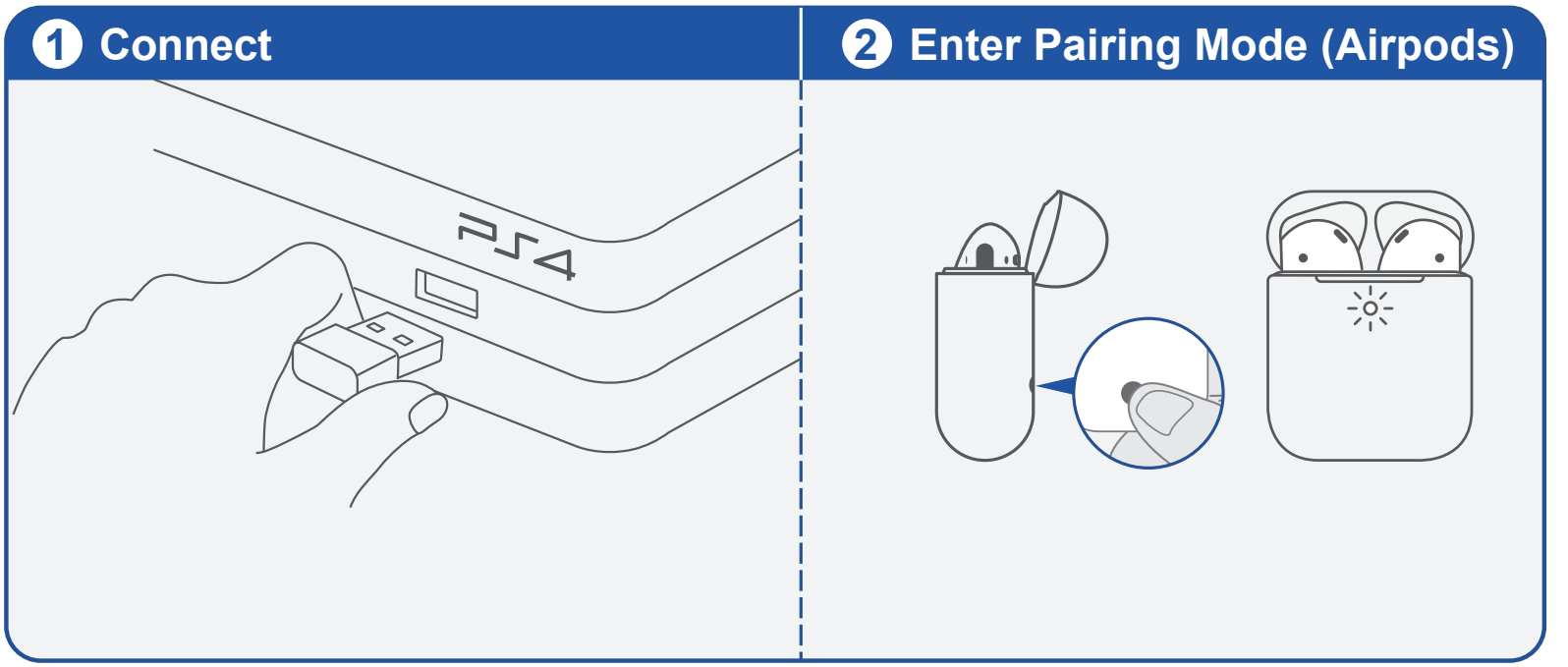
Specifications

Model	CM668
Bluetooth Version	5.3
Frequency Band	2400MHz-2483.5MHz
Max. RF Output Power	4dBm (conducted)
Bluetooth Profile	A2DP/AVRCP/HSP/HFP
Transmission Distance	10m/33ft (no blocking)
Codecs	SBC/aptX/aptX HD/aptX Adaptive
Frequency Response	20Hz-20kHz
Mic Sensitivity	-38±3dB
Power Supply Port	USB-A
Compatible Devices	PS4/PS5/Switch/PC (Windows/macOS)

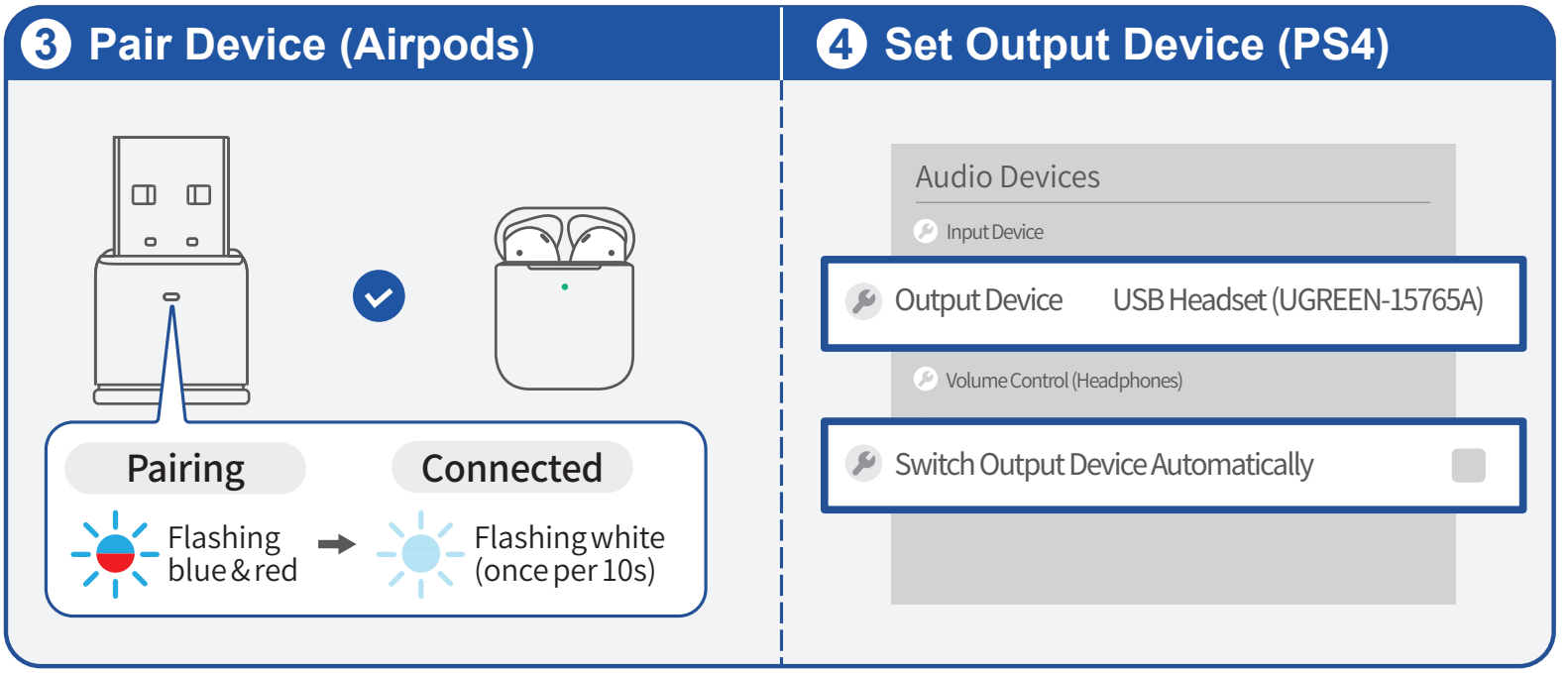
The data are measured by UGREEN lab but may vary based on specific circumstances.

PS4/PS5

1.Bluetooth Pairing & Settings



① Plug the transmitter into the USB port on your PS4 (or PS5). It will automatically turn on and enter pairing mode when powering on.
② Put your earphone (like AirPods) in pairing mode based on its manual.



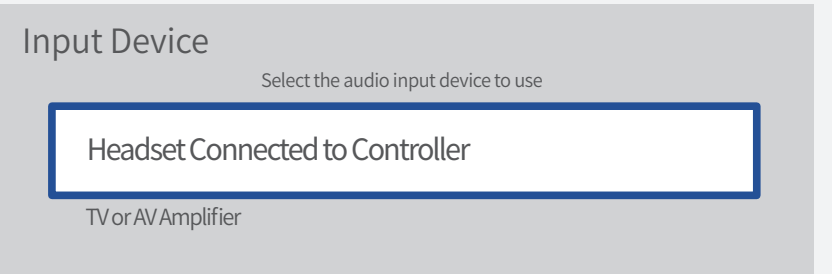
③ Transmitter will auto-connect to your earphone. The white indicator on the transmitter will slowly flash to indicate successful pairing.
④ Set the transmitter as the default audio device.

PS4: Settings > Devices > Audio Devices > Output Device > Select "USB Headset (UGREEN-15765A)" > Uncheck "Switch Output Device Automatically".
PS5: Settings > Sound > Audio Output > Output Device > Select "USB Headset (UGREEN-15765A)" > Turn off "Switch Output Device Automatically".

2. Mic Select & Settings

Using the included 3.5mm microphone

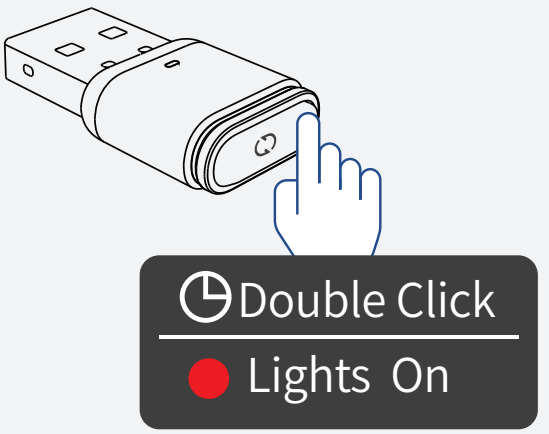


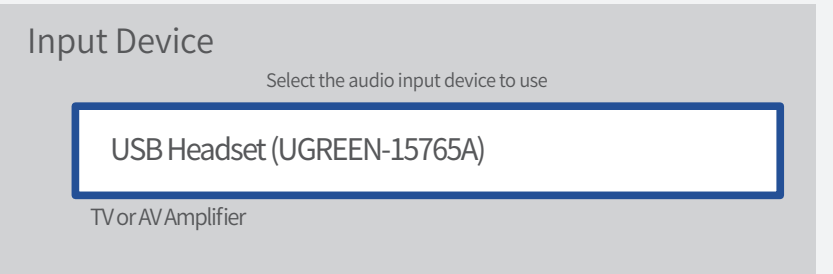


① **Using the included 3.5mm microphone**
Plug the 3.5mm microphone into the device, then follow the steps below to enable it.

PS4: Settings > Devices > Audio Devices > Input Device > Select "Headset Connected to Controller".
PS5: Settings > Sound > Microphone > Input Device > Select "Controller Headset".

Using the Bluetooth earphones built-in mic (PS4)





② **Using the Bluetooth earphones built-in mic**

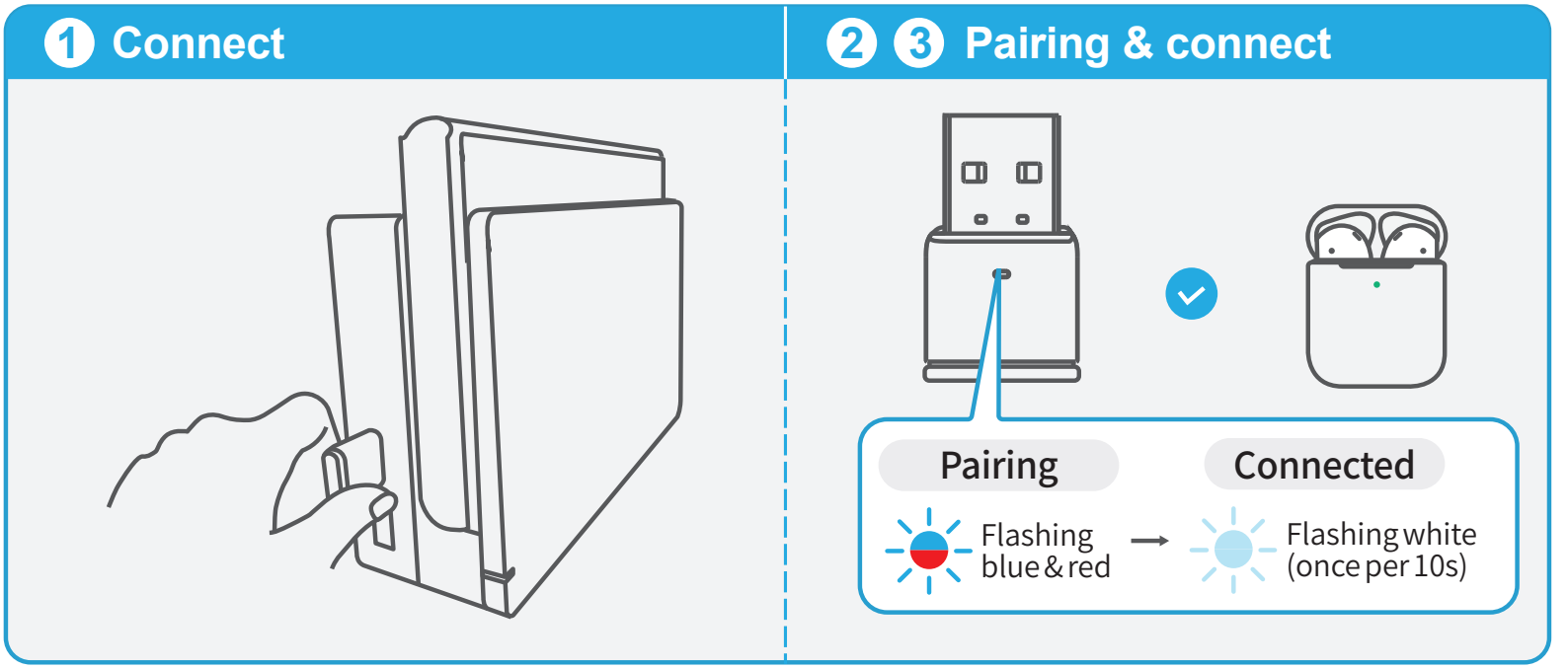
After connecting the Bluetooth earphones, please double-click the MFB button till the red indicator lights on to select the microphone, then follow the steps below to enable the mic.

PS4: Settings > Devices > Audio Devices > Input Device > Select "USB Headset (UGREEN-15765A)" .

PS5: Settings > Sound > Microphone > Input Device > Select "USB Headset (UGREEN-15765A)" .

Switch

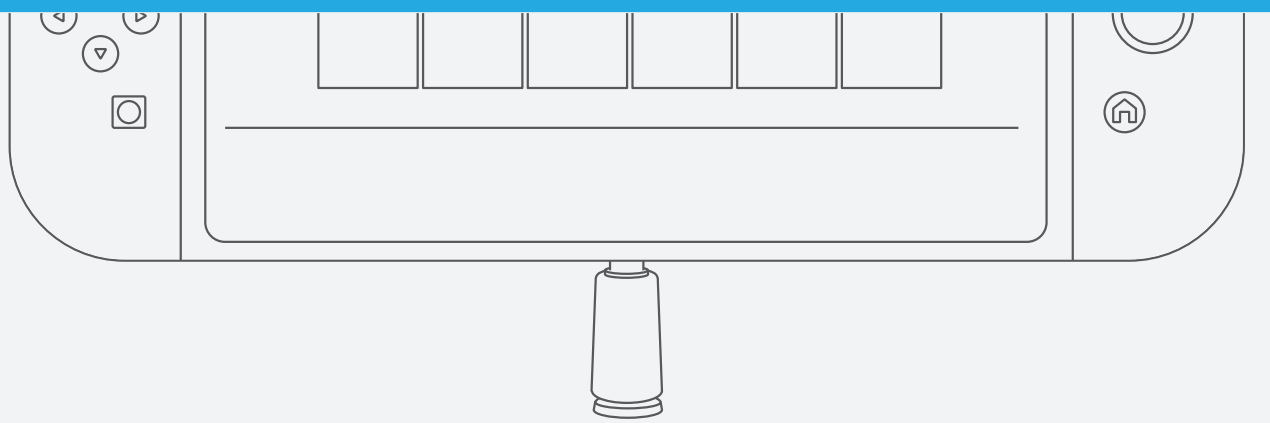
1. Bluetooth Pairing



① Plug the transmitter into Switch or the dock based on the mode you used. It will automatically turn on and enter pairing mode when powering on.
② Put your earbuds (like AirPods) in pairing mode based on its manual.
③ Transmitter will auto-connect to your earbuds and its white indicator will slowly flash to indicate successful pairing.

2. Use the 3.5mm microphones

Using the included 3.5mm microphone



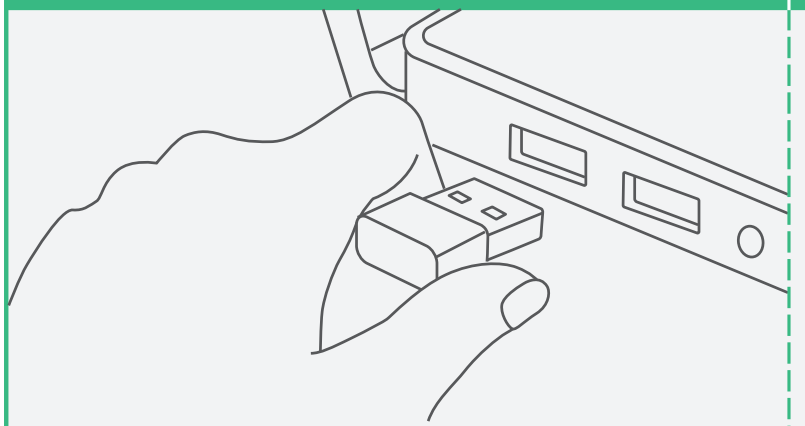
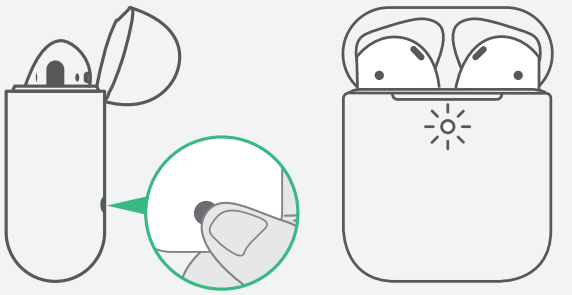
As Switch does not support Bluetooth mic, please plug the included 3.5mm microphone into Switch if you need voice chat.

Note

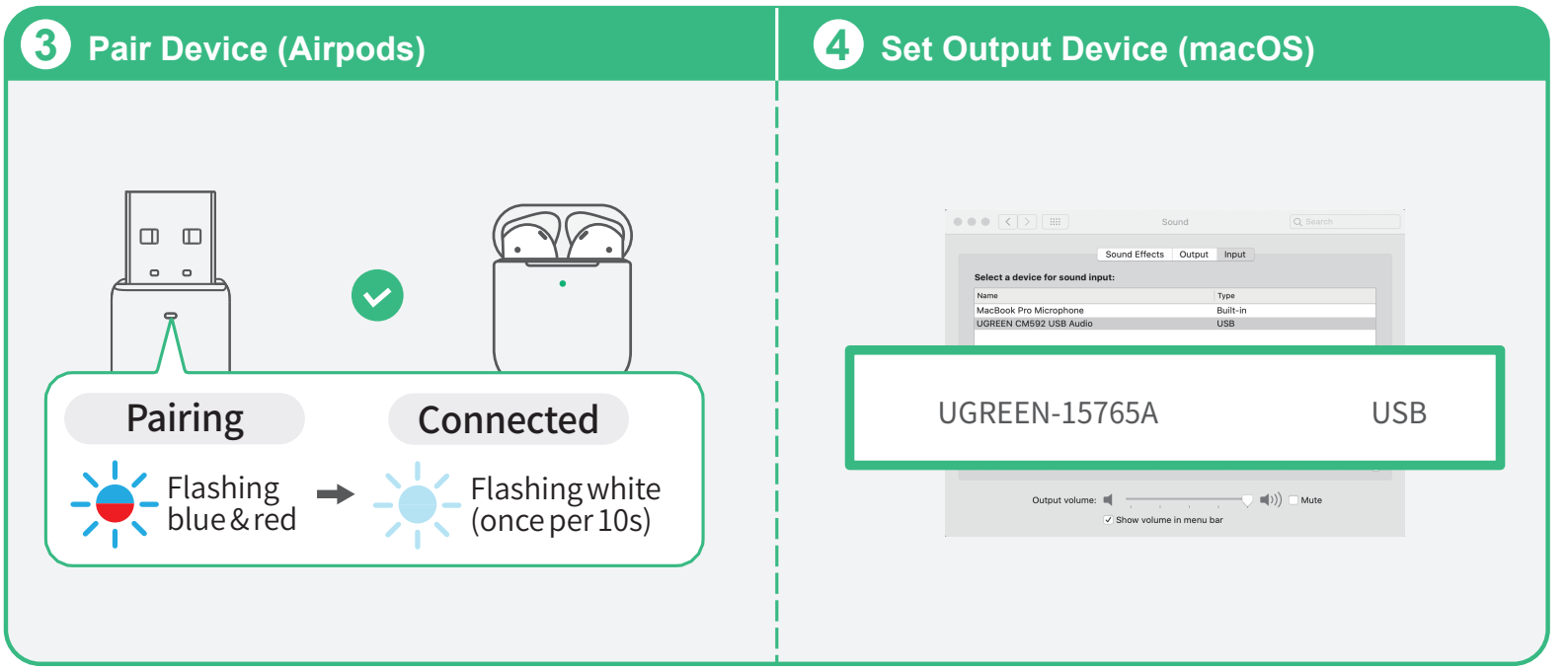
- It may need USB-C to USB-A adapter (sold separately) to make the transmitter work when using tabletop mode or handheld mode.
- Using the 3.5mm microphone is not recommended when enabling the TV mode, as the distance between the dock and the user may be too far to pick up sound.

Computer (Windows/macOS)

1. Bluetooth Pairing & Settings

1 Connect	2 Enter Pairing Mode (Airpods)
	

① Plug the transmitter into the USB port on your computer. It will automatically turn on and enter pairing mode when powering on.
② Put your earphone (like AirPods) in pairing mode based on its manual.
③ Transmitter will auto-connect to your earphone. The white indicator on the transmitter will slowly flash to indicate successful pairing.
④ Set the transmitter as the default audio device.



Windows 10: Press the " Windows" + "S" simultaneously, type "Sound" in the search box and click "Enter", then select "Headset Microphone (UGREEN-15765A)" as the output device.

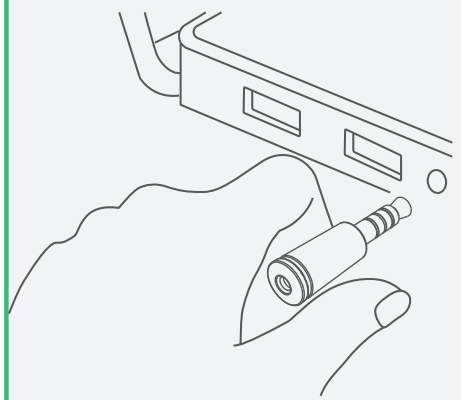
macOS 13.2.1: System Settings > Sound, click "Output", and then select "UGREEN-15765A" as the output device.

Note

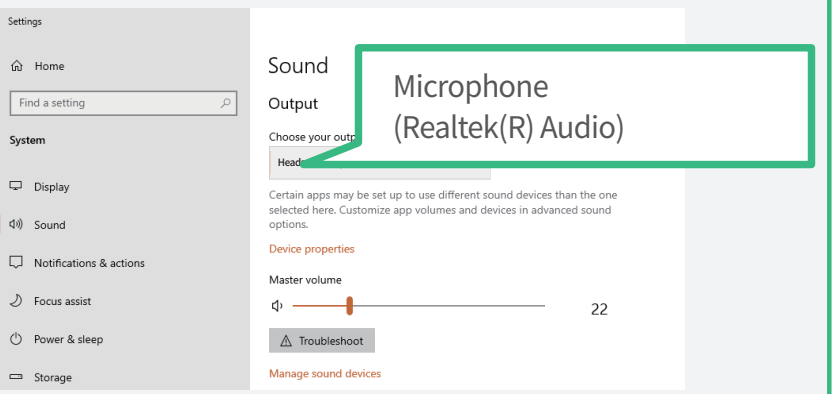
For less interference, please keep a distance between other USB devices when connected the transmitter to the PC.

2. Mic Select & Settings

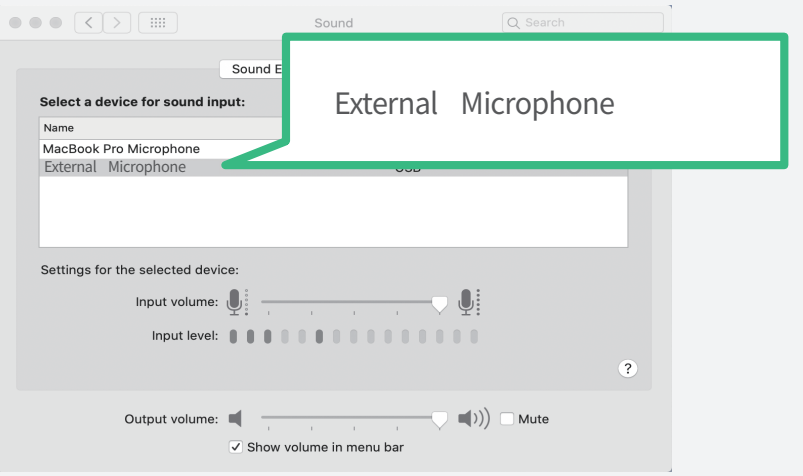
Using the included 3.5mm microphone (Windows/macOS)



windows



macOS



① Using the included 3.5mm microphone

Plug the 3.5mm microphone into the laptop, then follow the steps below to enable it.

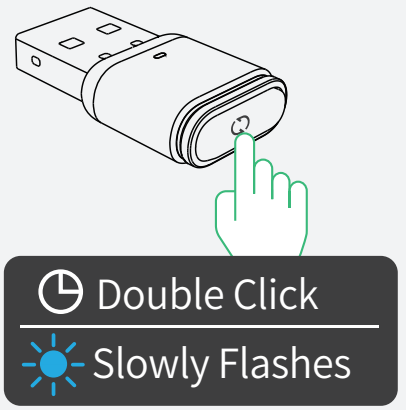
Windows 10 : Press the " Windows" + "S" simultaneously, type "Sound" in the search box and click "Enter", then select "Microphone (Realtek(R) Audio)" as the input device.

macOS 13.2.1: System Settings > Sound, click "Input", and then select "External Microphone" as the input device.

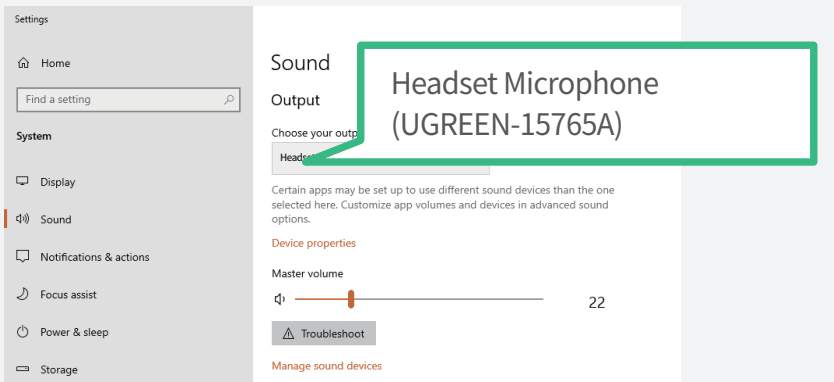
Note

- "Microphone" may have different name on different system versions. Please refer to the actual uses.
- Using the microphone on the desktop computer is not recommended, as the distance between the towers and the user may be too far to pick up sound.

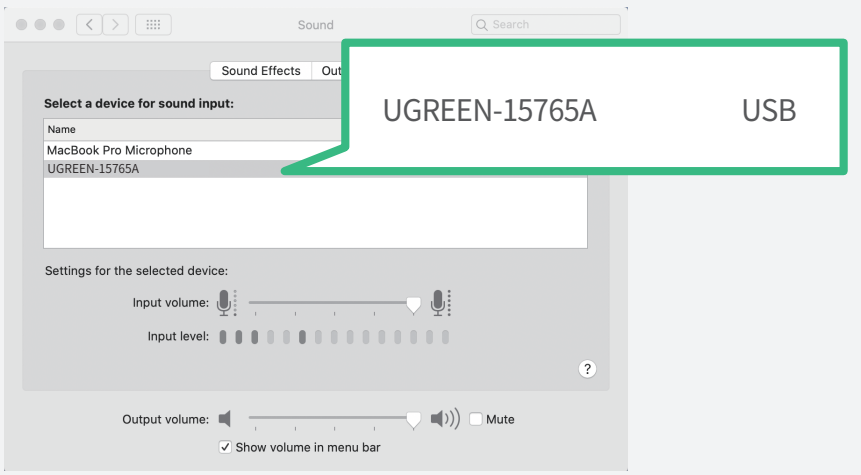
Using the Bluetooth earphones built-in mic (Windows/macOS)



windows



macOS



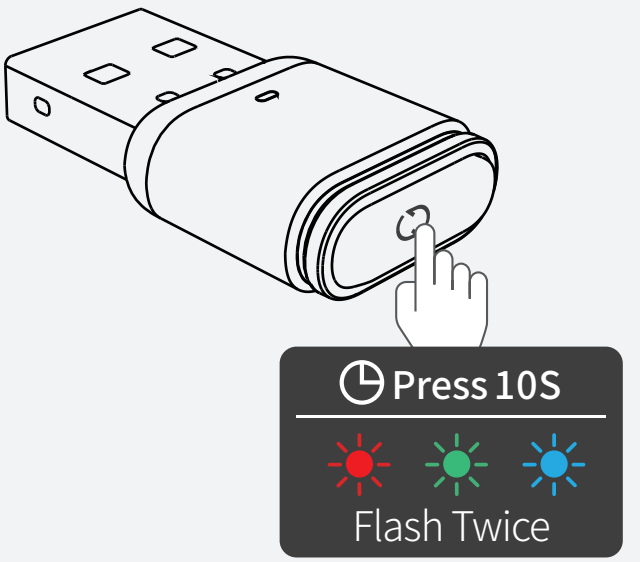
② Using the Bluetooth earphones built-in mic

After connecting the Bluetooth earphones, please double-click the MFB button till the blue indicator slowly flashes to select the microphone, then follow the steps below to enable the mic.

Windows 10: Press the " Windows" + "S" simultaneously, type "Sound" in the search box and click "Enter", then select "Headset Microphone (UGREEN-15765A)" as the input device.

macOS 13.2.1: System Settings > Sound, click "Input", and then select "UGREEN-15765A" as the input device.

Reset



Plug the transmitter into the device, press and hold the button for 10s until the red/green/blue indicator flashes twice in a cycle, indicating the resetting is completed.

Indicators

Function	Indicator	
Power on	Power on	Blue indicator will be on for 1s
Bluetooth connection	Pairing	Blue and red indicator flashes alternately
	Pairing successful	White/blue indicator flashes once per 10s
	Reconnecting	Blue indicator flashes once per 5s
Bluetooth Call & Chat (Use the built-in microphone in Bluetooth earphones)	On	White indicator flashes once per 10s
	Off	Blue indicator flashes once per 10s
	Using	Solid red
Audio Codecs	SBC	Solid blue
	aptX	Solid yellow
	aptX Adaptive	Solid green
	aptX HD	Solid purple

Notes

- For high-quality voice chatting, please use the included 3.5mm microphone.
- Upon connection, the transmitter will default to select the best-supported codec based on the connected device. You can also single-click the MFB button to switch between "aptX Adaptive>aptX HD>aptX>SBC", which will work if your device and earphones supports the codec as well.
- The transmitter is mainly used to stream audio wirelessly from your PS4/PS5, Switch, or non-Bluetooth computer to your Bluetooth earphones or speakers. It does not support files or pictures transferring.
- The voice chat function depends on the games. Please ensure to enable the voice chat function in the respective application’s settings.
- This transmitter can save a maximum of 5 paired devices. It will automatically reconnect to the last used device in next-time use.
- Please press and hold the MFB button for 3s to enter force pairing mode if you want to pair a new device.
- The transmitter will automatically enter reconnecting mode when pairing has not been completed in 5mins, and the blue indicator will flash once per 5s.

FCC Statement

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

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter
NOTE: 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.

The device has been evaluated to meet general RF exposure requirement. The devicecan be used in portable exposure condition without restriction.

WEEE



This symbol on the product(s) and / or accompanying documents indicates that, under the new Directive 2012/19/EU on waste electrical and electronic equipment (WEEE), product(s) used electrical and electronic equipment (WEEE) should not be mixed with general household waste. For proper treatment, recovery and recycling, please take this product(s) to designated collection points where it will be accepted free of charge.
Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling.
Please contact your local authority for further details of your nearest designated collection point.
Penalties may be applicable for incorrect disposal of this waste, in accordance with your national legislation.

For professional users in the European Union

If you wish to discard electrical and electronic equipment (EEE), please contact your dealer or supplier for further information.

For disposal in countries outside of the European Union

This symbol is only valid in the European Union (EU). If you wish to discard this product please contact your local authorities or dealer and ask for the correct method of disposal.

Warranty Information

A limited 2-year warranty applies to all UGREEN products purchased from UGREEN official store or authorized sellers. Please feel free to contact us if you run into any problems.

EU Declaration of Conformity

CE

Hereby, Ugreen Group Limited declares that the product is in compliance with Directive 2014/53/EU & 2011/65/EU. Learn more about the EU Declaration of Conformity is available at the following internet address: https://www.ugreen.com/download/

Ugreen Group Limited
Add: Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, Shenzhen, China
EU REP: Ugreen Group GmbH
Add: Mannheimer Str. 13, 30880 Laatzen, Germany

GB Declaration of Conformity

UK CA

Hereby, Ugreen Group Limited declares that the product is in compliance with Directive UK Radio Equipment Regulations(SI 2017 No.1206)& The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (SI 2012 No.3032). Learn more about the GB Declaration of Conformity is available at the following internet address: https://www.ugreen.com/download/

Ugreen Group Limited
Add: Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, Shenzhen, China
UK REP:Acumen Intemational Business Consultancy Limited
Add:94 Ock Street, Abingdon, OX14 5DH, UK

IC Statement

EN

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference；
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

FR

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage ;
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CAN ICES-003(B) / NMB-003(B)

L'appareil a été évalué pour répondre aux exigences générales d'exposition aux RF. L'appareil peut être utilisé dans des conditions d'exposition portable sans restriction.