UGREEN CM668 USB Audio Transmitter Bluetooth 5.3 Adapter User Manual

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Contents
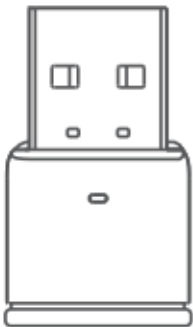
Package Contents

1×Bluetooth 5.3 Transmitter Audio Adapter

1 × User Manual

1×3.5mm Mic

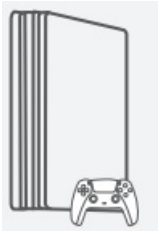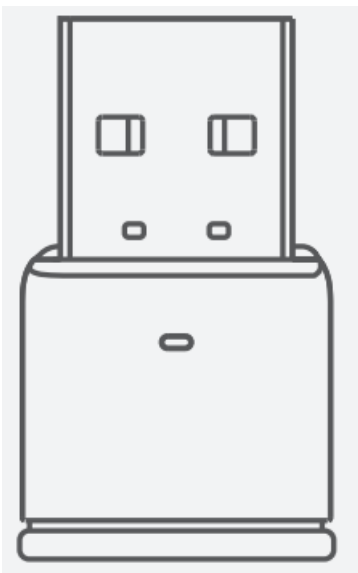## Connection

Transmitter
Desktop
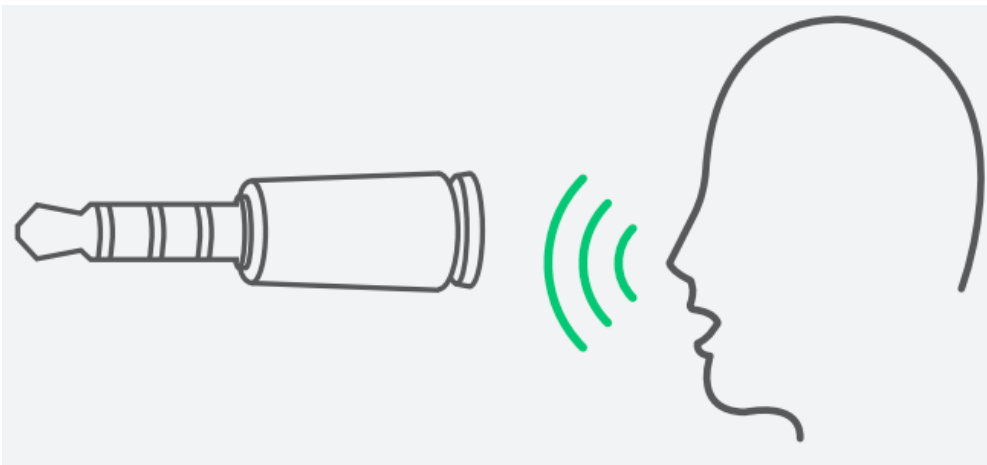
PS5

PS4

Laptop

Switch

Earphones

Headphones

Microphone

Game Controller

Laptop
Switch

Specifications

Specifications

Model	CM668
Bluetooth VersionFrequency Band	5.32400MHz-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

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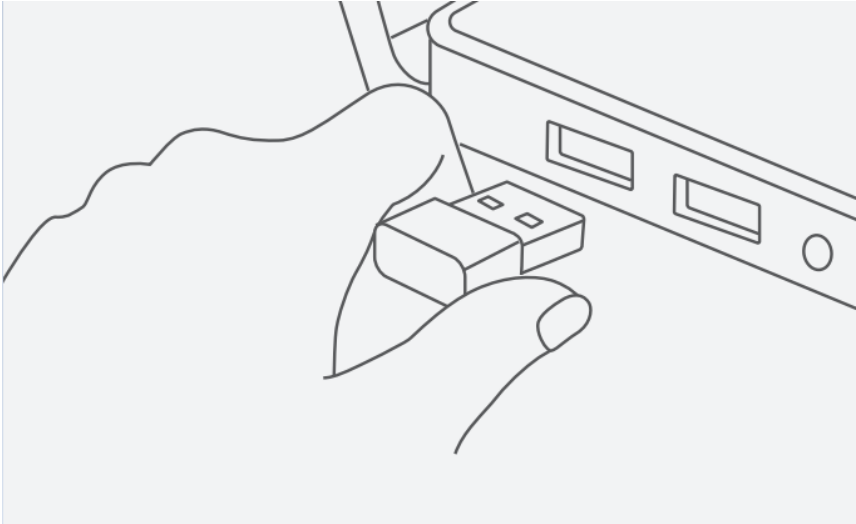
Enter Pairing Mode (Airpods)
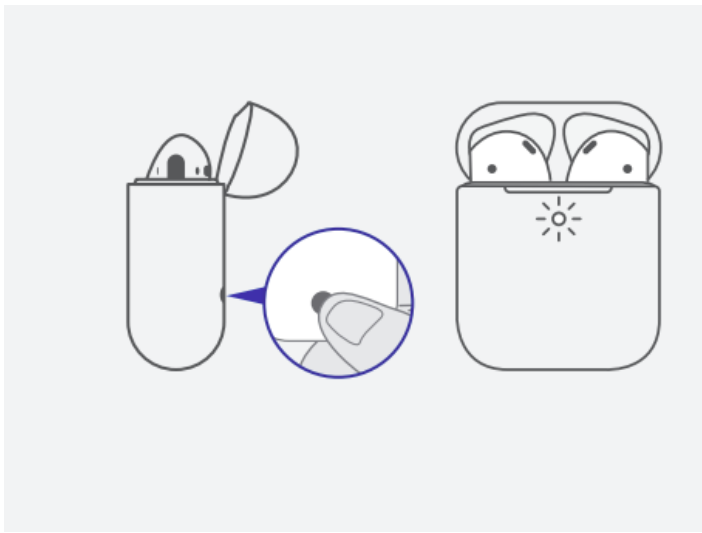
1. Plug the transmitter into the USB port on your PS4 (or PS5). It will automatically turn on and enter pairing mode when powering on.
2. Put your earphone (like AirPods) in pairing mode based on its manual.

   Pair Device (Airpods)
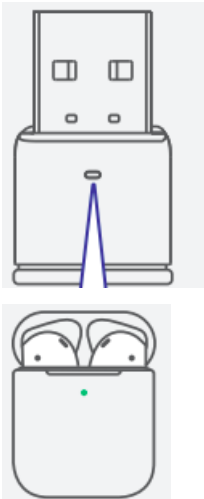
   Set Output Device (PS4)

    Pairing

   Flashing blue & red

    Connected

   Flashing white(once per 10s
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)PS4: Settings > Devices > Audio Devices > Output Device > Select "USB Headset (UGREEN-15765A)" > Uncheck "Switch Output Device Automatically".

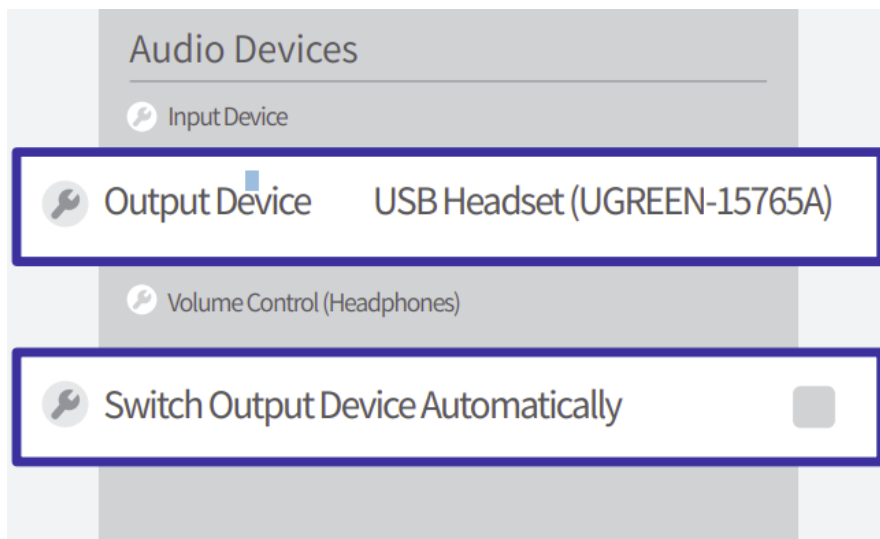PS5: Settings > Sound > Audio Output > Output Device > Select "USB Headset (UGREEN-15765A)" > Turn off "Switch Output Device Automatically".

Mic Select & Settings

Using the included 3.5mm microphone
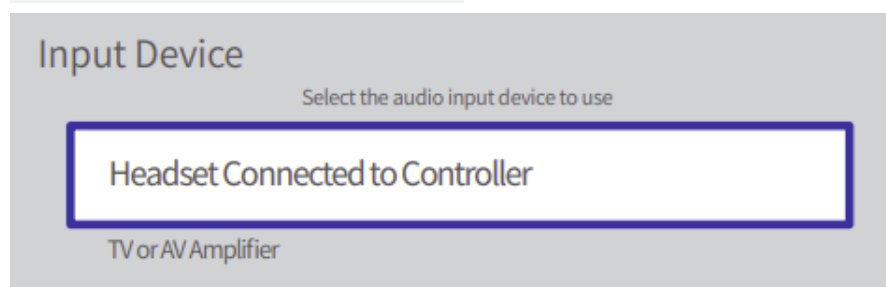
1. Using the included 3.5mm microphone

    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)

Input Device

Select the audio input device to use

USB Headset (UGREEN-15765A)

TV or AV Amplifier
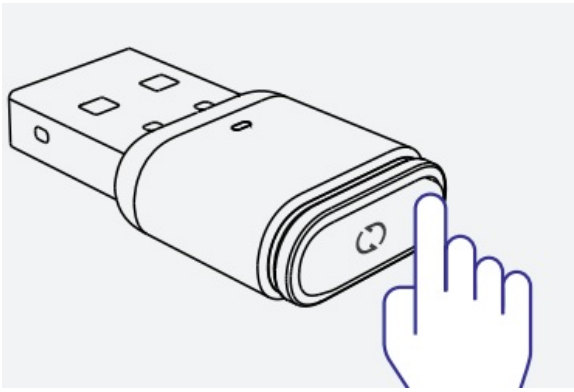
Double Click

Lights On

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.

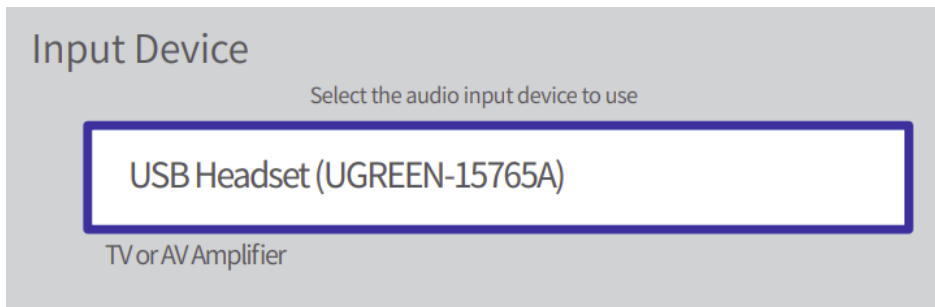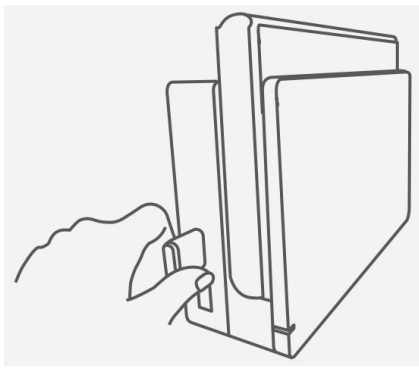**PS4:** Settings > Devices > Audio Devices > Input Device > Select "USB Headset (UGREEN-15765A)" .

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

Switch

Bluetooth Pairing
Connect

Pairing
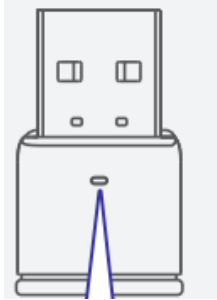
Flashing blue & red connect

Flashing white (once per 10s)

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

Use the 3.5mm microphones

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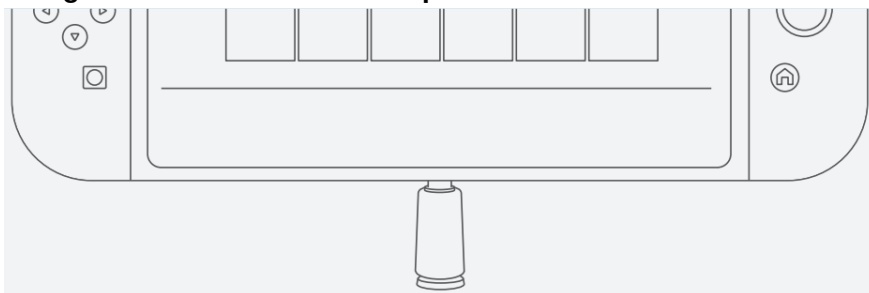
As Switch does not support Bluetooth mic, please plug the included 3.5mm microphone into Switch if you need voice chat.

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)

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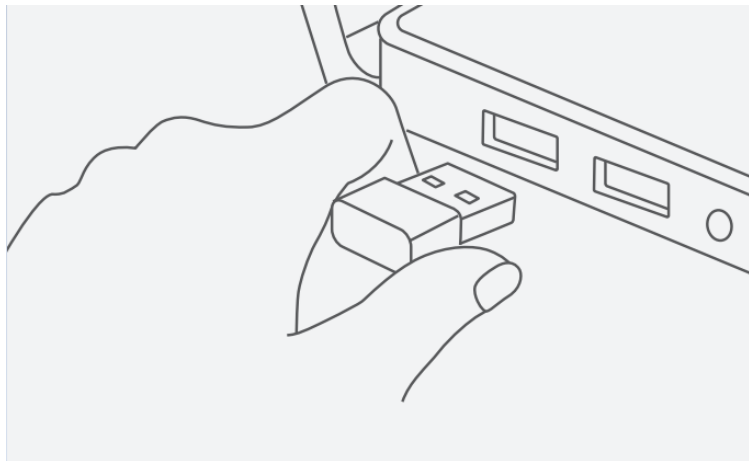
Enter Pairing Mode (Airpods)
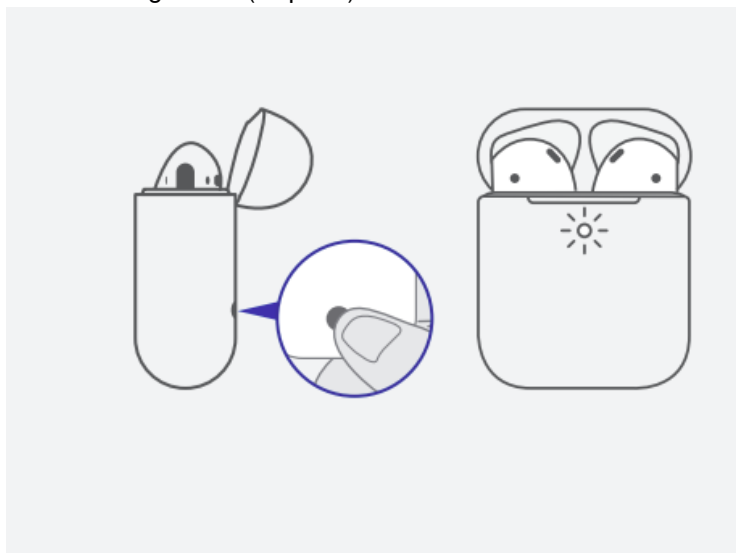
1. Plug the transmitter into the USB port on your computer. It will automatically turn on and enter pairing mode when powering on.
2. Put your earphone (like AirPods) in pairing mode based on its manual.
3. Transmitter will auto-connect to your earphone. The white indicator on the transmitter will slowly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

Pair Device (Airpods)
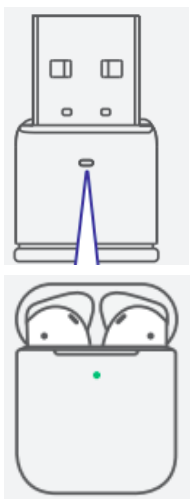
Connected

 Flashing white (once per 10s)

Pairing

 Flashing blue & red

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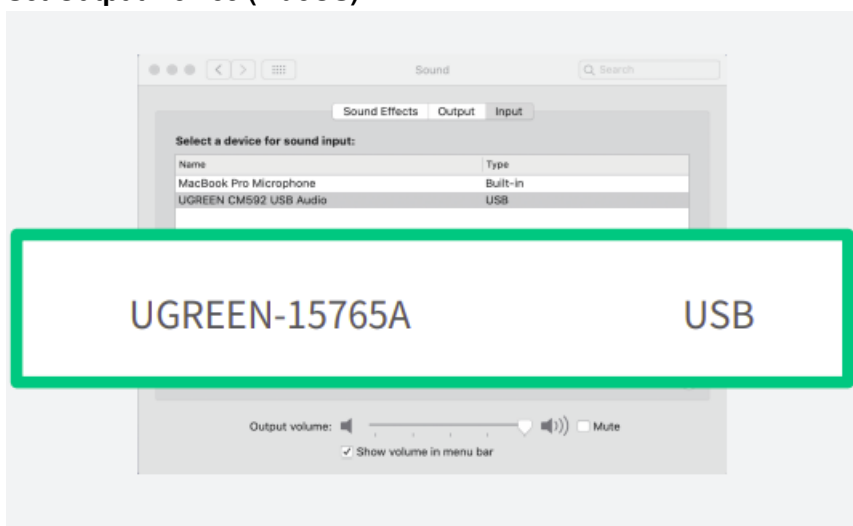
Windows 10: Press the " Windows" + "S" simultaneously, type "Sound" in the search box and click "Enter", then select "Headset Microphone (UGREEN-15765A)" as the output device.

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

Mic Select & Settings

Using the included 3.5mm microphone (Windows/macOS)

windows
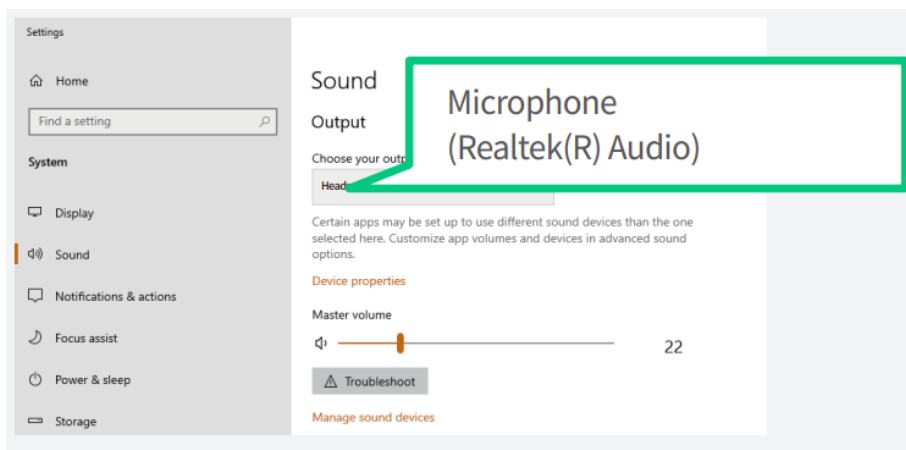
macOS
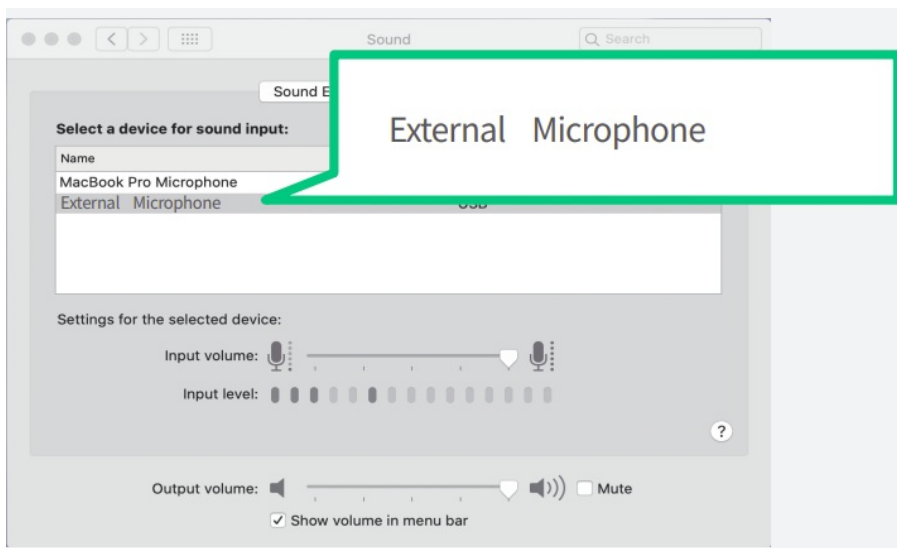
1. Using the included 3.5mm microphone

   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)
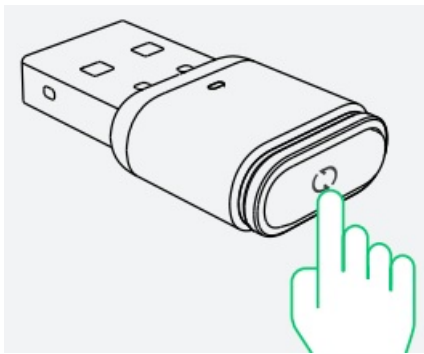
⊕**Double Click**

☀**Slowly Flashes**

windows
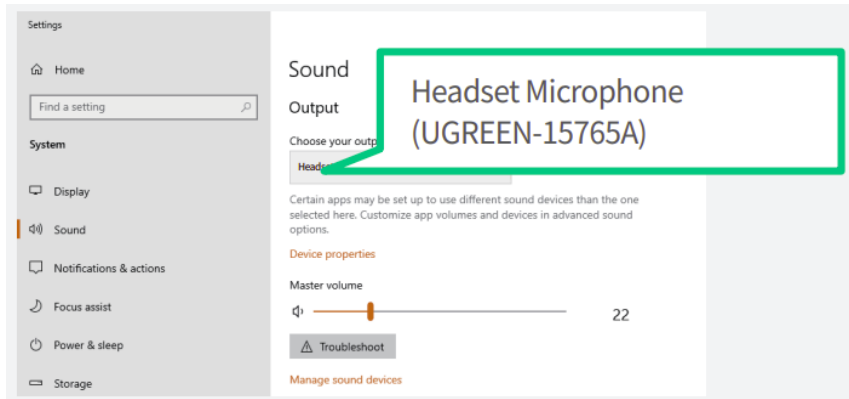
macOS
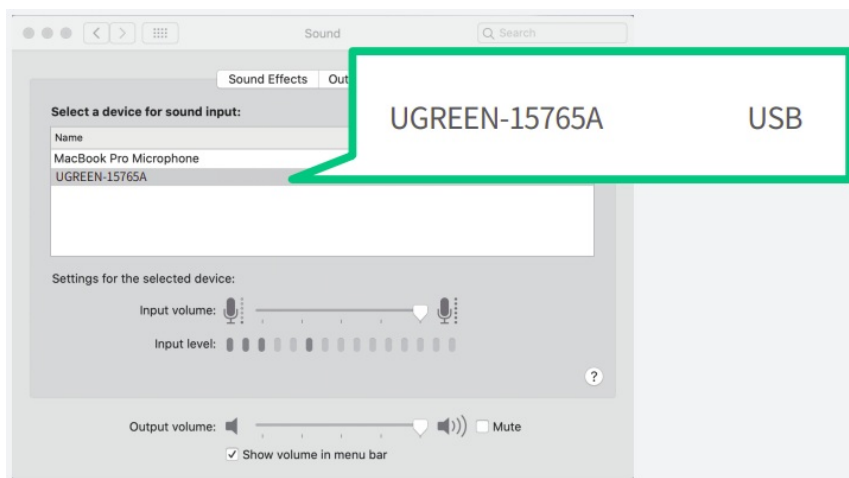
Using the Bluetooth earphones built-in mic

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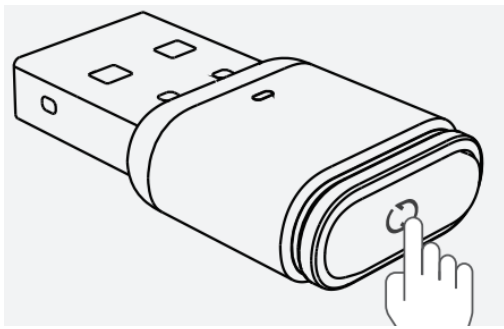
Plug the transmitter into the device, press and hold the button for 10s until the red/green/blue indicator flashes twice in a cycle, indicating the resetting is completed.

Indicators

Function	Indicator	
Power on	IndicatorPower on	oBnlufeoirn1dsicator will beBlue and r d indicator
Bcolunenteocottiohn	Pairing	flashes alternately
	Psuacirciensgsful	Wflahsihtee/sboluneceinpdeicr a1t0osr
	Reconnecting	oBnluceeipnedric5astor flashes
B(UlusettohoethbuCialtl-lin& Chat mBliucerotopohtohneeairnphones)	On	Wonhcietepienrd1ic0astor flashes
	Off Using	Bonluceeipnedric1a0tsor flashesSolid red
	SBC	Solid blue
Audio Codecs	aptX	Solid yellow
	aptX Adaptive	Solid green
	aptX HD	Solid purple
	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.

C E **EU Declaration of Conformity**

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/

Ugrian Group Limited
Add: Ugrian Building, Lunching Industrial Park, Lon guanxi Road, Longhead, Shenzhen, China
EU REP: Ugrian Group GmbH
Add: Mannheim Str. 13, 30880 Lateen, Germany

UK CA **GB Declaration of Conformity**

Hereby, Uren 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/
Ugrian Group Limited
Add: Ugrian Building, Lunching Industrial Park, Lon guanxi Road, Longhead, Shenzhen, China
UK REP: Acumen Intonational Business Consult

Documents / Resources

UGREEN Bluetooth 5.3 Transmitter Audio Adapter	**UGREEN CM668 USB Audio Transmitter Bluetooth 5.3 Adapter** [pdf] User Manual CM668 USB Audio Transmitter Bluetooth 5.3 Adapter, CM668, USB Audio Transmitter Bluetooth 5.3 Adapter, Transmitter Bluetooth 5.3 Adapter, Bluetooth 5.3 Adapter, 5.3 Adapter

References

- **Download – UGREEN**
- **User Manual**