UGREEN

Bluetooth Audio Receiver/Transmitter

Model: CM667 ∣ P/N: 35223

User Manual

Specifications

Model	CM667
Bluetooth Version	5.2
Frequency Band	2400MHz-2483.5MHz
Max. RF Output Power	4 dBm (conducted)
Transmission Distance	10m/33ft (no blocking)
Bluetooth Profile	A2DP/AVRCP/HSP/HFP
Codecs	RX: SBC/AAC
	TX: SBC
Frequency Response	20Hz-20kHz
Output Level (Receiving)	≤630mV rms RL=100kΩ
Input Level (Transmitting)	≤0.75Vrms
SNR	≥92dB A-wt.
THD+N	≤0.1%
Mic Sensitivity	-40±3dB (0dB=1V/Pa)
Audio Port	3.5mm audio
Charging Port	USB-C
Battery Type	Polymer Lithium-Ion Battery
Battery Capacity	300mAh 3.7V (1.11Wh)
Limited Charging Voltage	5.25V ⎓
Charging Time	About 2 hours
Operating Time	TX: About 27 hours
	RX: About 22 hours

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

Package Contents
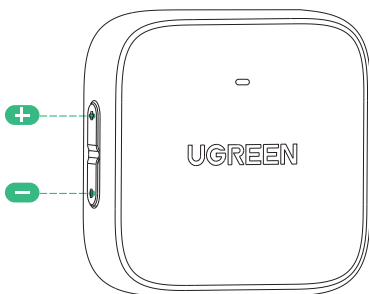
1×Bluetooth Audio Receiver/Transmitter
1×USB-A to USB-C Cable
1× 3.5mm Audio Cable
1× 3.5mm to RCA Audio Cable
1× 3.5mm Audio Adapter
1 × User Manual
1 × Quick Start Guide

Product Overview
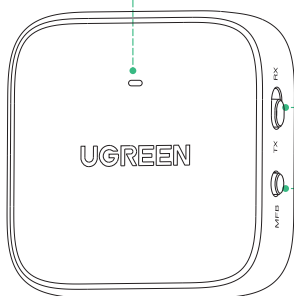
Single-click: Volume Up
(16-level Adjustable)
Press and Hold for 1s: Previous Track

Single-click: Volume Down
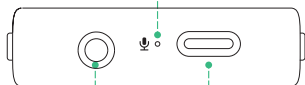(Including Mute)
Press and Hold for 1s: Next Track

Indicator

UGREEN

Slide Switch

TX ⬤ RX
Transmitter Mode

TX ⬤ RX
Receiver Mode

Button

· **Single-click:** Reconnect,
Play/Pause Music, Answer/End A Call
· **Double-click:** Force Pairing
· **Press and Hold for 3s:**
Power On/Power Off/Reject A Call
· **Press and Hold for 10s:**
Clear Paired Devices List
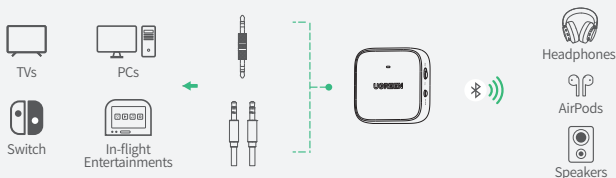
Microphone

3.5mm Audio

USB-C Charging Port

Indicator & Voice Prompts

Function	Indicator		Voice Prompts (Only works on RX mode)
Power	Power on	Solid blue: 1s	Power on
	Power off/Auto power off when battery is low	Solid white: 1s	Power off
Bluetooth connection	Pairing	Flashing blue & red	Pairing
	Pairing successful	Solid blue: 3s	Bluetooth connected
	Disconnected	Flashing blue: once every 5s	Bluetooth disconnected
Audio	Playing music	Solid blue: lights on for 3s every 10s	/
	Incoming call notification	Quickly flashing green	
	Calling	Solid green	
	Maximum/ Minimum volume (Mute)	/	Tone
Battery Status	Low battery	Flashing red: once every 10s	Battery low
	Start charging	Solid red: 3s	/
	Fully charged	Solid green: 3s	
	<0°C/32°F or > 45°C/113°F during charging	Quickly flashing red: 5 times	Power off
	< -10°C/14°F or > 60°C/140°F when not in charging		

Ⅰ. Transmitter mode (TX)

Wirelessly stream audio from your non-Bluetooth TV, Switch, or in-flight entertainment to your Bluetooth earphones or speakers.

Transmitter mode (TX)

TVs · PCs · Switch · In-flight Entertainments · Headphones · AirPods · Speakers

1. Connects to 1st Bluetooth Earphones (Take AirPods as An Example)

① Slide to "TX" mode, then press the button for 3s to turn on the product. It will automatically enter pairing mode, and the indicator will flash red and blue alternately.
② Press and hold the button on the back of the AirPods charging case to put it into pairing mode. The blue indicator will be on for 3s to indicate successful pairing.
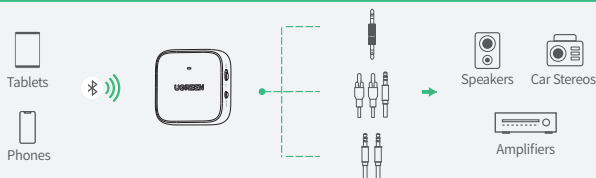③ Plug it into an audio source device (e.g. TV) to enjoy.

2. Connects to 2nd Bluetooth Earphone (or speakers)

① Complete the pairing with the 1st set of headphones based on the steps above. Then put the 2nd set of headphones into pairing mode based on its manual.
②Double-click the button, then the indicator will flash red and blue alternately when it enters pairing mode. Pairing will be completed when the blue indicator turns on for 3s.

Ⅱ. Receiver mode (RX)

Wirelessly stream audio from your Bluetooth-enabled phones, tablets, or computers to your non-Bluetooth stereo system (amplifiers, car stereos, etc.).

Receiver mode (RX)

Tablets · Phones · Speakers · Car Stereos · Amplifiers

1. Connects to 1st Phone (Take An iPhone as An Example)

① Slide to "RX" mode, then press the button for 3s to turn on the product. It will automatically enter pairing mode, and the indicator will flash red and blue alternately.
② Open up your iPhone's Bluetooth list and connect to "UGREEN-CM667". The blue indicator will be on for 3s and the iPhone will show "connected" when pairing is successful.
③ Plug it into an audio output device (e.g. speaker) to play music.

2. Connects to 2nd Phone (or iPad)

① Complete the pairing with the 1st phone. Double-click the button, then the indicator will flash red and blue alternately when it enters pairing mode.
② Connect to "UGREEN-CM667" in your 2nd phone's Bluetooth list. The blue indicator will be on for 3s and the phone will show "connected" when pairing is successful.

Note

It only supports music playback on one device at a time. If you need to switch to the 2nd device for playback, please turn off the audio source of the first device.

III. Tips

· After pairing is completed for the first time, it will automatically reconnect to the last paired device the next time you use it.
· Double-clicking the button will put the product into pairing mode. However, if it has connected to 2 devices already, you need to disconnect one of them first and then double-click the button to connect to the new device.
· This product can save a maximum of 5 paired devices. When connecting to the 6th Bluetooth device, the first device in the memory list will be cleared automatically.
· The product will enter reconnecting mode when disconnecting from your device due to long distance. If the reconnection is not completed in 5 minutes, the product will automatically turn off.
· The product will automatically turn on when connected to the power supply. During the charging, the product will keep running and cannot be shut down.
· When the battery is low, the product indicator will flash red once every 10s, please charge it in time. The red indicator will turn on for 3s when charging starts, and a green indicator for 3s when the product is fully charged.
· The product protection mechanism will be triggered and the product will automatically turn off in two situations:
① the battery temperature is less than 0℃/32°F or greater than 45℃/113°F during charging.
② the battery temperature is less than -10℃/14°F or greater than 60℃/140°F when not in charging.

IV. Clear Paired Devices List & Reset

1. Clear paired devices list

After powering off, press and hold the button for 10s to clear the pairing information. The red/green/blue indicator will turn on alternately to indicate successful clearing.

2. Resetting

After powering on, press and hold the button, then use the USB-C cable to connect the product to a power supply. The product will automatically restart and complete the resetting.

Ⅴ. Warning

· The product contains built-in polymer lithium-ion battery. Please do not dismantle, crush, squeeze or expose it to fire.
· Stop using when the battery is submerged.
· Stop using when it is swollen.
· Do not expose the product to excessive temperature.
· Keep out of reach of children.
· If the battery has been accidentally swallowed or placed inside any part of the body, please seek medical attention immediately.