UGREEN 70304

UGREEN aptX Bluetooth Receiver User Manual

Model: **70304** | Brand: **UGREEN**

Portable Wireless Audio Adapter for Music Streaming and Hands-Free Calling

1. Introduction

Thank you for choosing the UGREEN aptX Bluetooth Receiver. This device is designed to transform your wired audio systems into wireless Bluetooth-enabled systems, allowing you to stream music and make hands-free calls with ease. Its compact design and advanced features make it ideal for use in cars, home stereo systems, headphones, and more.



Figure 1.1: UGREEN aptX Bluetooth Receiver

This image shows the UGREEN aptX Bluetooth Receiver, a compact black device with a 3.5mm audio jack extending from one end and a control button on its face. It features a sleek, portable design.

2. Package Contents

Please check the package carefully to ensure all items are present:

- 1 x UGREEN Bluetooth Receiver
- 1 x 3.5mm Metal Audio Adapter
- 1 x Micro USB Charging Cable
- 1 x 3.5mm Audio Cable
- 1 x User Manual



Figure 2.1: Package Contents

This image displays all items included in the UGREEN Bluetooth Receiver package: the receiver unit, a 3.5mm metal audio adapter, a Micro USB charging cable, a 3.5mm audio cable, and the user manual.

3. Product Features

- **Bluetooth 5.0 Technology:** Ensures stable connection, faster transmission speed, and wider compatibility.
- **aptX Low Latency:** Provides high-fidelity stereo audio with minimal delay, ideal for music and video synchronization.
- **Hands-Free Calling:** Built-in microphone with CVC 8.0 noise cancellation for clear calls.
- **Dual Connection:** Connects to two Bluetooth devices simultaneously.
- **Long Battery Life:** Up to 10 hours of music or call time, 2 hours for a full charge, and 300 hours of standby time.



Figure 3.1: Bluetooth 5.0 & Wide Compatibility

This image illustrates the wide compatibility of the UGREEN Bluetooth Receiver, showing it connecting to various devices such as speakers, headphones, amplifiers, car audio systems, MP3 players, phones/tablets, Echo Dot, and laptops.



Figure 3.2: HiFi Stereo Sound Quality with aptX Low Latency

This image highlights the HiFi stereo sound quality and aptX Low Latency feature, showing the receiver connected to a speaker system and a smartphone playing music, emphasizing minimal audio delay.



Figure 3.3: Extended Usage Time

This image displays the battery performance of the UGREEN Bluetooth Receiver, indicating 10 hours of music playback, 10 hours of call time, 2 hours for a full charge, and 300 hours of sleep mode.

4. Setup

4.1 Charging the Device

Before first use, fully charge the Bluetooth receiver. Connect the Micro USB charging cable to the receiver's charging port and the other end to a USB power source (e.g., car charger, wall adapter, computer USB port).

The LED indicator will show charging status (e.g., red while charging, off when fully charged).

4.2 Power On/Off

- **Power On:** Press and hold the multi-function button (play/pause icon) for approximately 3 seconds until the LED indicator flashes blue.
- **Power Off:** Press and hold the multi-function button for approximately 3 seconds until the LED indicator flashes red

and then turns off.

4.3 Pairing with a Bluetooth Device

1. Ensure the Bluetooth receiver is powered off.
2. Press and hold the multi-function button for about 5-7 seconds until the LED indicator flashes blue and red alternately. This indicates pairing mode.
3. On your audio source device (smartphone, tablet, laptop), enable Bluetooth and search for available devices.
4. Select "UGREEN-70304" (or similar name) from the list of found devices.
5. Once successfully paired, the LED indicator will flash blue slowly.

Your browser does not support the video tag.

Video 4.1: UGREEN Wireless Bluetooth 5.0 Car Adapter Overview

This video demonstrates the UGREEN Bluetooth 5.0 Receiver, showcasing its compatibility with 3.5mm aux devices, ease of converting old audio systems to wireless, dual device connection, aptX Low Latency support for high-fidelity audio, and one-touch call answering. It also highlights the built-in mic with CVC 8.0 noise cancellation for clear calls and navigation instructions for safe driving.

4.4 Connecting to Audio System

Plug the UGREEN Bluetooth Receiver into your desired audio system's 3.5mm AUX input using either the included 3.5mm metal audio adapter or the 3.5mm audio cable.

- **For Car Audio:** Insert the receiver directly into the car's AUX port using the metal adapter.
- **For Home Stereo/Headphones:** Use the 3.5mm audio cable to connect the receiver to the AUX input of your stereo or headphones.



Figure 4.1: Hands-free Calling in Car

This image shows a person driving and using the UGREEN Bluetooth Receiver for hands-free calling, with a text bubble indicating "Hey, Honey". It highlights the built-in microphone for clearer calls and icons for answering, rejecting, and redialing calls.

5. Operating Instructions

5.1 Music Playback

- **Play/Pause:** Short press the multi-function button.
- **Next Track:** Long press the "+" button (if available, or double-press multi-function button if only one button) *Note: Based on the image, it seems to be a single multi-function button.*
- **Previous Track:** Long press the "-" button (if available, or triple-press multi-function button).
- **Volume Control:** Adjust volume directly on your connected audio source device.

5.2 Hands-Free Calling

- **Answer/End Call:** Short press the multi-function button.
- **Reject Call:** Long press the multi-function button for about 2 seconds.

- **Redial Last Number:** Double-press the multi-function button.

5.3 Dual Device Connection

The receiver can connect to two Bluetooth devices simultaneously. After successfully pairing with the first device, disable Bluetooth on the first device. Then, put the receiver into pairing mode again and pair with the second device. Once the second device is connected, re-enable Bluetooth on the first device. The receiver should automatically connect to both.



Figure 5.1: Dual Connection Capability

This image illustrates the dual connection feature, showing the UGREEN Bluetooth Receiver simultaneously connected to two smartphones, allowing for seamless switching between music and calls from different devices.

6. Maintenance

- Keep the device dry. Avoid exposure to water or excessive humidity.
- Do not expose the device to extreme temperatures (hot or cold).
- Clean the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.

- Store the device in a cool, dry place when not in use for extended periods.

7. Troubleshooting

Problem	Possible Cause	Solution
Cannot power on	Low battery	Charge the device fully.
Cannot pair with device	Receiver not in pairing mode; Bluetooth disabled on source device; too many paired devices.	Ensure receiver is in pairing mode (flashing blue/red). Enable Bluetooth on source device. Clear Bluetooth history on source device and try again.
No sound after connection	Volume too low; incorrect AUX input selected; loose cable connection.	Increase volume on both receiver and source device. Ensure audio system is set to correct AUX input. Check all cable connections.
Poor call quality	Interference; microphone obstruction; distance from receiver.	Move away from sources of interference. Ensure microphone is not covered. Stay within effective Bluetooth range.

8. Specifications

- **Model Number:** 70304
- **Bluetooth Version:** 5.0
- **Audio Codecs:** aptX, SBC, AAC (based on review data)
- **Connectivity Technology:** Auxiliary, Bluetooth, USB
- **Special Feature:** Built-In Microphone (with CVC 8.0 Noise Cancellation)
- **Power Source:** Battery Powered, Corded Electric
- **Battery Life:** Approx. 10 hours (Music/Call), 300 hours (Standby)
- **Charging Time:** Approx. 2 hours
- **Material:** Plastic
- **Product Dimensions:** 15.99 x 8.99 x 1 inches
- **Item Weight:** 0.635 ounces

9. Safety Information

WARNING:

- Do not use while driving if it causes distraction. Always follow local laws regarding phone use while driving.
- To ensure safe operation, do not expose the device to extreme temperatures or humidity.
- Dispose of the battery in accordance with local regulations.

10. Warranty and Support

UGREEN products come with a standard manufacturer's warranty. For detailed warranty information, technical support, or customer service, please refer to the official UGREEN website or contact their customer support team directly. Keep your purchase receipt for warranty claims.

You can visit the UGREEN Store for more information:UGREEN Official Store

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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