UGREEN CM309

UGREEN Bluetooth 5.3 Car Receiver User Manual

Model: CM309

1. Introduction

The UGREEN Bluetooth 5.3 Car Receiver (Model CM309) is designed to upgrade your existing audio systems to support Bluetooth wireless connectivity. This device allows you to stream audio from your smartphone or tablet to car audio systems, home speakers, or amplifiers that have a 3.5mm audio input. It also supports hands-free calling for a safer driving experience.

Key features include:

- **Bluetooth 5.3 Technology:** Provides enhanced stability, faster transmission speeds, and a wider communication range compared to older Bluetooth versions.
- **High-Quality Audio:** Supports AAC/SBC codecs and A2DP/AVRCP audio profiles for clear sound with reduced latency and noise.
- **Dual Device Connection:** Connects up to two devices simultaneously, allowing seamless switching between music and calls. Note: Only one audio source can be active at a time.
- **Retractable Design:** Features a compact, retractable cable that extends up to 1.5 meters, minimizing clutter.
- **Built-in Microphone:** Enables hands-free communication.
- **Easy Pairing:** Automatically powers on and enters pairing mode when connected to a power source.

2. Product Overview

Familiarize yourself with the components of your UGREEN Bluetooth 5.3 Car Receiver:





Image: UGREEN Bluetooth 5.3 Car Receiver showing the main unit, retractable cable, 3.5mm audio jack, and USB-A power connector.

- **Main Unit:** Contains the Bluetooth receiver module and LED indicator.
- **Retractable Cable:** Connects the main unit to the audio and power connectors.

- **3.5mm Audio Jack:** For connecting to your car's AUX input or other audio systems.
- **USB-A Connector:** For power supply (e.g., car USB port, USB charger).
- **LED Indicator:** Displays the device's status (e.g., pairing mode, connected).
- **Built-in Microphone:** Located on the main unit for hands-free calls.

3. Setup Instructions

Follow these steps to set up and pair your UGREEN Bluetooth 5.3 Car Receiver:

1. **Connect the Receiver:**
   Insert the 3.5mm audio jack into your car's AUX input or the audio input of your speaker system. Plug the USB-A connector into a powered USB port (e.g., car charger, car's USB port). The device will automatically power on and the LED indicator will begin to flash, indicating it is in pairing mode.
2. **Activate Bluetooth on Your Device:**
   On your smartphone, tablet, or other Bluetooth-enabled device, go to the Bluetooth settings and turn Bluetooth on.
3. **Pair with the Receiver:**
   In your device's Bluetooth settings, look for 'UGREEN-XXXX' (where XXXX is a unique identifier) in the list of available devices. Select it to initiate the pairing process. Once connected, the LED indicator on the receiver will stop flashing and remain solid.
4. **Enjoy Your Audio:**
   Once paired, you can now play music or make calls through your car's audio system or connected speakers.



Image: Visual guide for connecting the UGREEN Bluetooth receiver, illustrating plugging into car ports, pairing with a smartphone, and playing audio.

4. Operating Instructions

4.1 Music Playback

After successful pairing, open your preferred music application on your connected device. Audio will be streamed wirelessly to your car's audio system or connected speakers. You can control playback (play/pause, skip tracks) directly from your device.



Image: A smartphone wirelessly streaming music via the UGREEN Bluetooth receiver to a home speaker, illustrating Hi-Fi audio enjoyment.

4.2 Hands-Free Calling

When a call comes in, the audio will automatically switch from music to the call. The built-in microphone allows you to speak without holding your phone. To answer or end a call, use your phone's controls. For optimal call quality, ensure the receiver's microphone is not obstructed.



Image: A woman driving, utilizing the UGREEN Bluetooth receiver for hands-free communication, emphasizing safety.

4.3 Dual Device Connection

The receiver supports connecting two Bluetooth devices simultaneously. This allows you to switch between audio sources (e.g., music from one phone, calls from another). To switch between devices, pause playback on the currently active device and start playback on the other. The receiver will prioritize the active audio source.



Image: Illustration of two smartphones connected to the UGREEN Bluetooth receiver, demonstrating the ability to switch between a phone call and music playback.

5. Maintenance

To ensure the longevity and optimal performance of your UGREEN Bluetooth 5.3 Car Receiver, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using harsh chemicals, solvents, or abrasive cleaners.
- **Storage:** When not in use, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Handle the retractable cable gently. Avoid excessive pulling or bending to prevent damage to the internal wiring.
- **Avoid Moisture:** Keep the device away from water, rain, and other liquids.

6. Troubleshooting

If you encounter issues with your UGREEN Bluetooth 5.3 Car Receiver, refer to the following common troubleshooting steps:

- **No Power:** Ensure the USB-A connector is securely plugged into a working USB power source. Check if the car's USB port or charger is functional.
- **Cannot Pair:**
  - Make sure the receiver is powered on and the LED indicator is flashing, indicating pairing mode.
  - Ensure Bluetooth is enabled on your device.
  - Move your device closer to the receiver (within 10 meters).
  - Turn off and on the Bluetooth on your device, then try searching again.
  - If previously paired, try 'forgetting' the device in your phone's Bluetooth settings and re-pairing.
- **No Audio Output:**
  - Verify the 3.5mm audio jack is fully inserted into the AUX input of your audio system.
  - Check the volume levels on both your connected device and the audio system.
  - Ensure the audio system is set to the correct input source (e.g., AUX).
  - Confirm the receiver is successfully paired and connected to your device.
- **Poor Audio Quality/Interference:**
  - Move your connected device closer to the receiver to minimize signal interference.
  - Avoid placing the receiver near other electronic devices that might cause interference.
  - If connecting two devices simultaneously, ensure only one is actively streaming audio to prevent potential signal conflicts. Disconnect one device if experiencing issues.
- **Hands-Free Call Issues:**
  - Ensure the microphone on the receiver is not covered or obstructed.
  - Check the call volume on your phone and car audio system.

7. Specifications

Model Number	CM309
Brand	UGREEN
Bluetooth Version	5.3
Connectivity Technology	Bluetooth
Audio Output Mode	3.5mm Jack
Power Input	USB Type-A
Supported Audio Profiles	A2DP, AVRCP
Supported Audio Codecs	AAC, SBC
Wireless Communication Distance	Up to 10 meters (33 feet)
Audio Latency	≤220ms
Product Dimensions	0.58 x 1.1 x 2.7 cm (main unit); 40 g

Other Features	Built-in Microphone, Hands-Free Calling, Dual Device Connection

8. Warranty and Support

8.1 Warranty Information

This UGREEN product comes with a**24-month warranty period** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use.

Please Note: The warranty does not cover damages caused by intentional misuse, accidents, unauthorized modifications, or repairs by the customer or a third party.

8.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your UGREEN Bluetooth 5.3 Car Receiver, please contact UGREEN customer support. Specific contact details (phone number, email, or website) are typically provided on the product packaging or the official UGREEN website.

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Question

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.

Submit question

Answered questions about this manual

Is there a way to set the initial volume on the UGREEN CM309 Bluetooth Car Receiver? It always starts at 0.

Based on the user manual for the UGREEN CM309, there is no built-in setting or physical button on the receiver to configure a default or "initial" volume level. The device is a passive receiver...

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