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> [JOYING 10.1 Inch Android Car Stereo 6GB+128GB Single Din Car Radio Ultra-Thin Android 10 Head Unit 1920x1200 Resolution Car Music Player Support Android Auto/Carlink/Bluetooth 5.1/5G WiFi \(6GB+128GB\) User Manual](#)

## JOYING 6GB+128GB

# JOYING 10.1 Inch Android Car Stereo User Manual

Model: 6GB+128GB

## INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your JOYING 10.1 Inch Android Car Stereo. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

The JOYING Android Car Stereo is an advanced in-dash navigation and entertainment system designed to enhance your driving experience. It features a high-resolution display, powerful processing capabilities, and seamless smartphone integration.



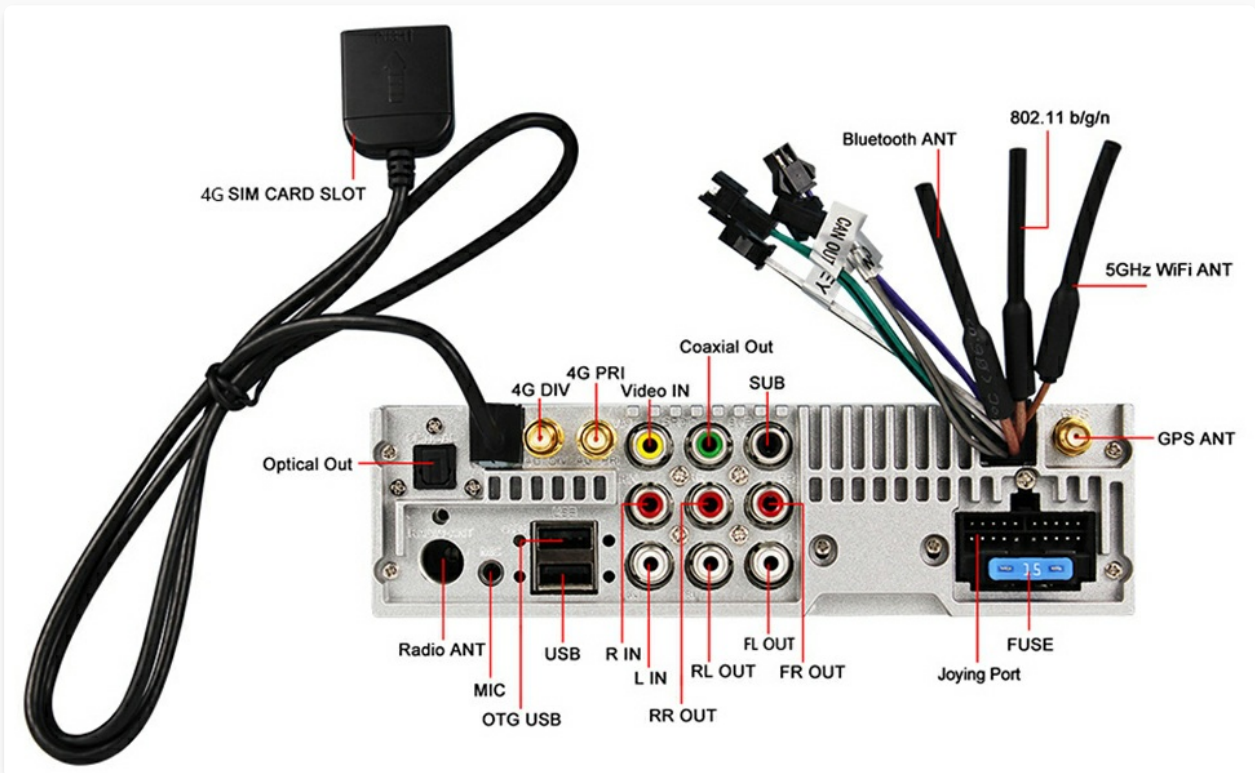
Front view of the JOYING 10.1 Inch Android Car Stereo.

## SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your car stereo. It is recommended to have the unit installed by a professional if you are unfamiliar with car audio wiring.

### 1. Package Contents and Dimensions

Before beginning, verify all components are present as listed in the package contents. Familiarize yourself with the unit's dimensions to ensure compatibility with your vehicle's dashboard.



*Dimensions and included accessories for the JOYING car stereo.*

### 2. Detachable Screen and Adjustable Mount

The unit features a detachable screen and an adjustable fixed mount. This design allows for flexible positioning to avoid obstructing air-conditioning vents or control switches during installation.



4G Antenna\*2



USB Cable\*2



External Mic\*1



GPS Antenna\*1



User Manual\*1

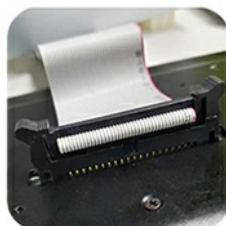
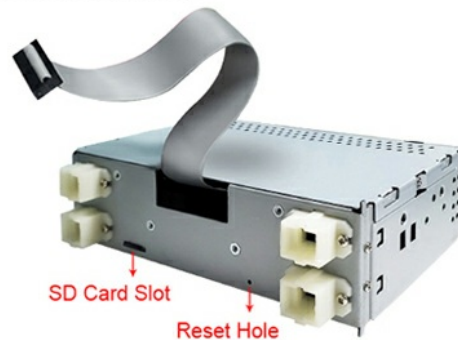
*Illustration of the detachable screen and adjustable mounting system.*

### 3. Wiring and Connections

Connect the main power harness, speaker wires, and other necessary cables to the corresponding ports on the back of the unit. Ensure all connections are secure. If your car has a CANbus system, an additional CANbus decoder harness may be required (sold separately).

#### DETACHABLE SCREEN & ADJUSTABLE FIXED MOUNT

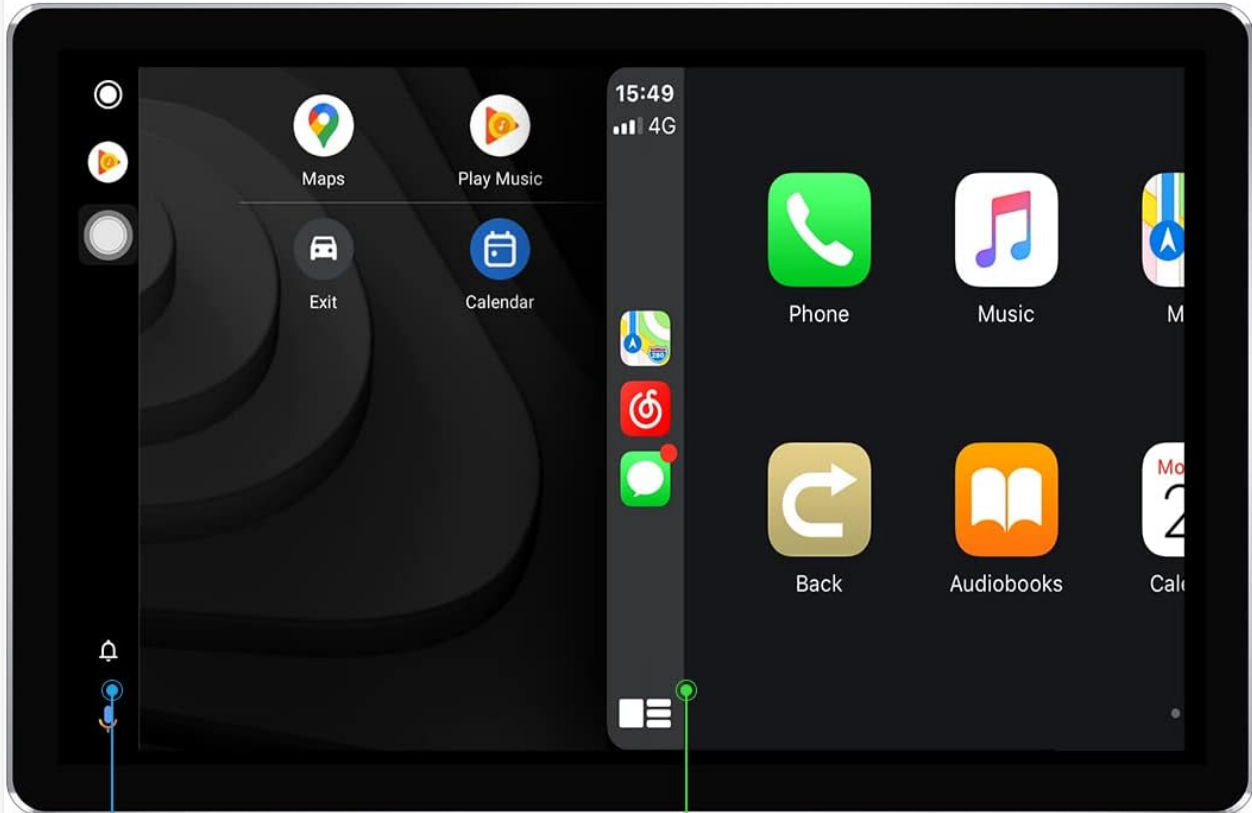
Fixed mount positions are adjustable, easy to avoid cover air-conditioning vents and control switches when install.



*Detailed view of the rear connections and ports on the car stereo.*

# CAR-SMARTPHONE CONNECTIVITY

(Built-in Android Auto and CarPlay module, no need any extra device or dongle)



Connected by **wired or wireless**, extends the Android platform into the car in a way that is purpose-built for driving. Make it easier to make hands-free calling, play music and use map.  
**Wired:** Compatible with Android 7.0 and above.  
**Wireless:** Only compatible with the mobile phones which support both 5G network and 5G WiFi.



Android Auto

Connected by **wired or wireless**, Apple CarPlay gives iPhone users an incredibly intuitive way to make calls, use Maps, listen to music, verbally send and listen to messages with just a word or a touch.  
**Compatible with iOS 10.1 and above**



Apple CarPlay

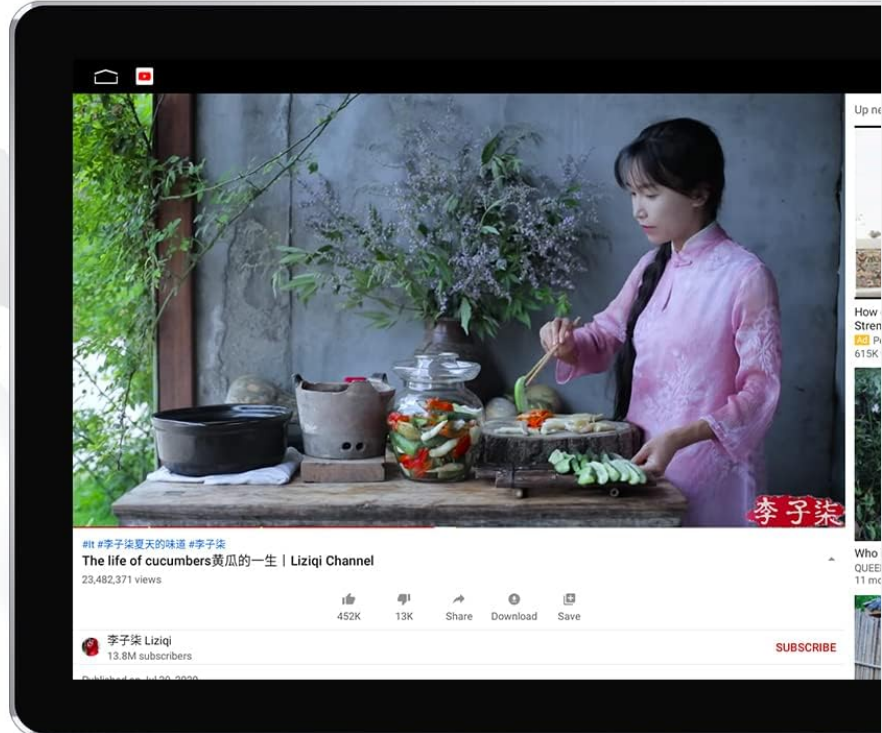
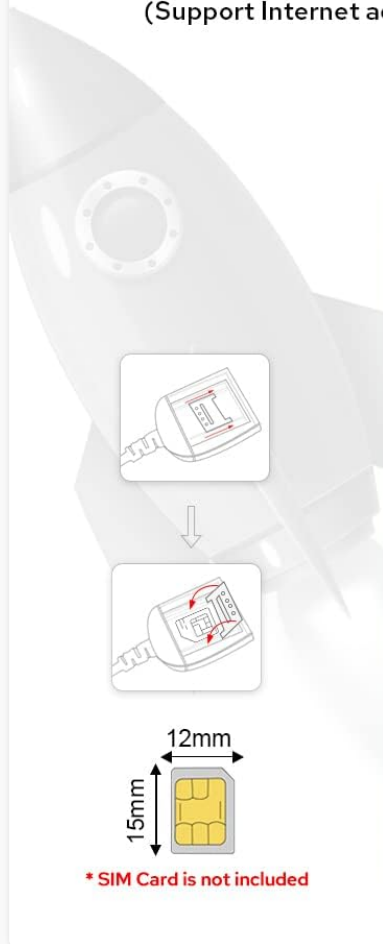
*Example of the wiring harness for connecting the stereo to the vehicle's electrical system.*

## 4. SIM Card and WiFi Setup

The unit supports a built-in 4G module. Insert a SIM card for internet access. It also supports dual-band WiFi (2.4GHz and 5GHz) for stable network connectivity.

## 5GHZ WIFI & 4G MODULE

- \* Support 5GHz WiFi, provide higher speed and stable network signal, also help solve the interference from surrounding networks.
- \* Built-in 4G module, inserting 4G SIM card to the radio for Internet access directly. (Support Internet access and not support telephone calls)



*Instructions for inserting a SIM card into the unit's 4G module.*

### 5. Initial Power-Up and Screen Attachment

After all connections are made, power on the unit. The first boot-up may take longer (approx. 30-40 seconds). Once the main unit is powered, attach the display screen to the main unit using the provided connectors.

Your browser does not support the video tag.

*Video demonstrating the physical dimensions, screen attachment, and initial setup of the JOYING 10.1 Inch Car Radio.*

## OPERATING INSTRUCTIONS

Your JOYING car stereo runs on Android 10 OS, providing a familiar and intuitive user interface.

### 1. User Interface Navigation

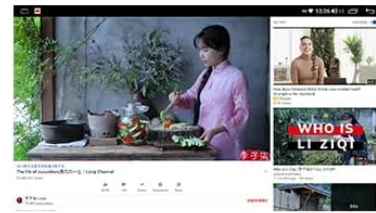
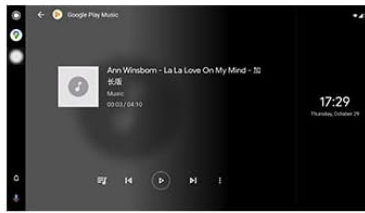
The 10.1-inch touchscreen allows for easy navigation through various applications and settings. The home screen provides quick access to frequently used functions like Maps, Music Player, and Radio.

# USER INTERFACE

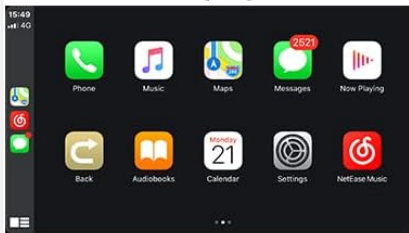
## Home



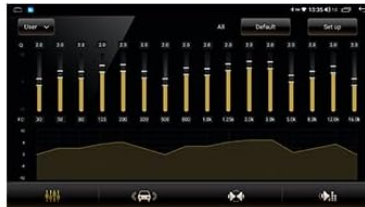
## Other interface



## Carplay



## Android Auto



Examples of the JOYING car stereo's user interface screens.

## 2. CarLink (Android Auto / CarPlay)

The unit features built-in Carlink, supporting both wired/wireless CarPlay (iOS 10.1 or later) and wired Android Auto (Android 7.0 or later). This allows for seamless integration of your smartphone for navigation, calls, and music, minimizing distractions while driving.



*CarPlay interface displaying navigation and music simultaneously.*

## Optical Digital Output & Coaxial Digital Output

No matter your external amplifier has optical input or coaxial input,  
JOYING devices can give you a chance to achieve better sound quality, the best choice for audiophile.



Optical Fiber



Coaxial RCA



Lossless Audio



High Fidelity Audio



*Explanation of Car-Smartphone Connectivity features.*

### 3. Bluetooth 5.1

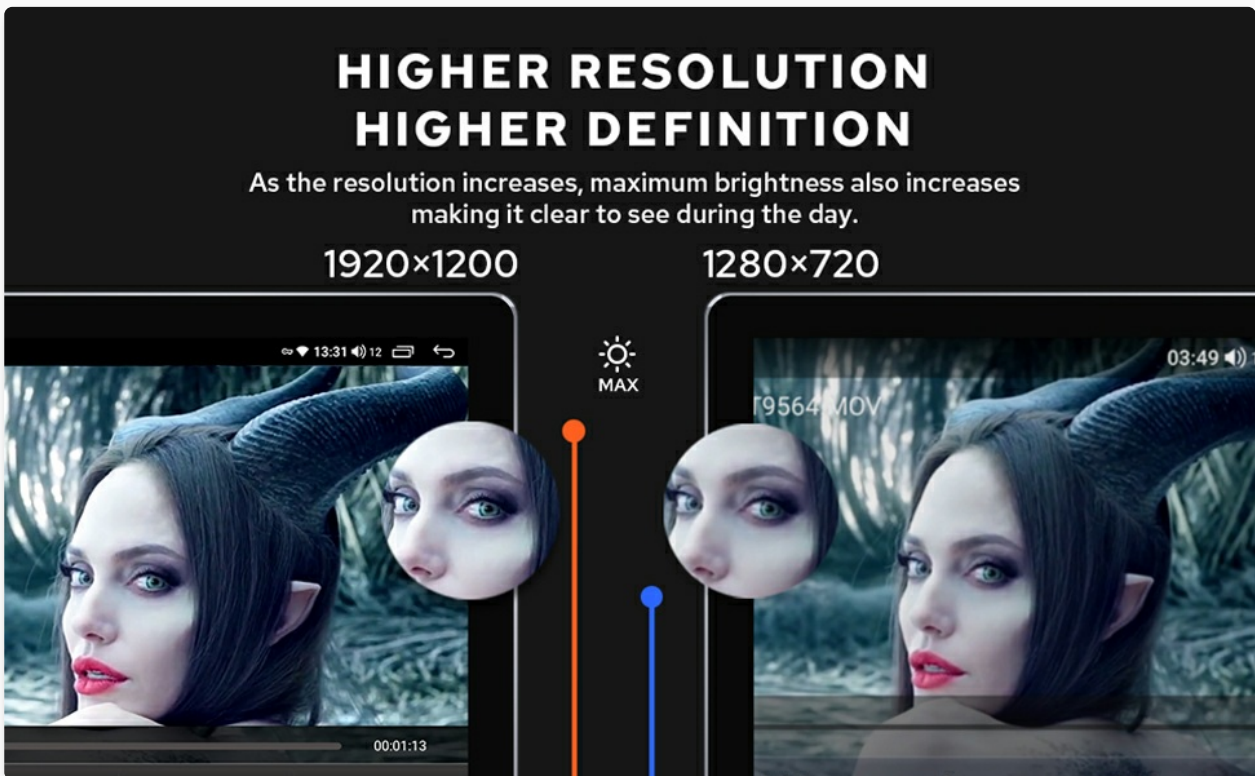
With Bluetooth 5.1, the stereo supports audio streaming, automatic phone book transfer, and hands-free calling. Note that it primarily supports phone and OBD dongle connections.

### 4. Built-in DSP and Audio Settings

The unit features a built-in Digital Signal Processor (DSP) with a 32-band equalizer, allowing independent adjustment for front and rear speakers. This provides enhanced sound quality and customizable audio experiences, including bass reinforcement and filtering.



*DSP interface for advanced audio customization.*

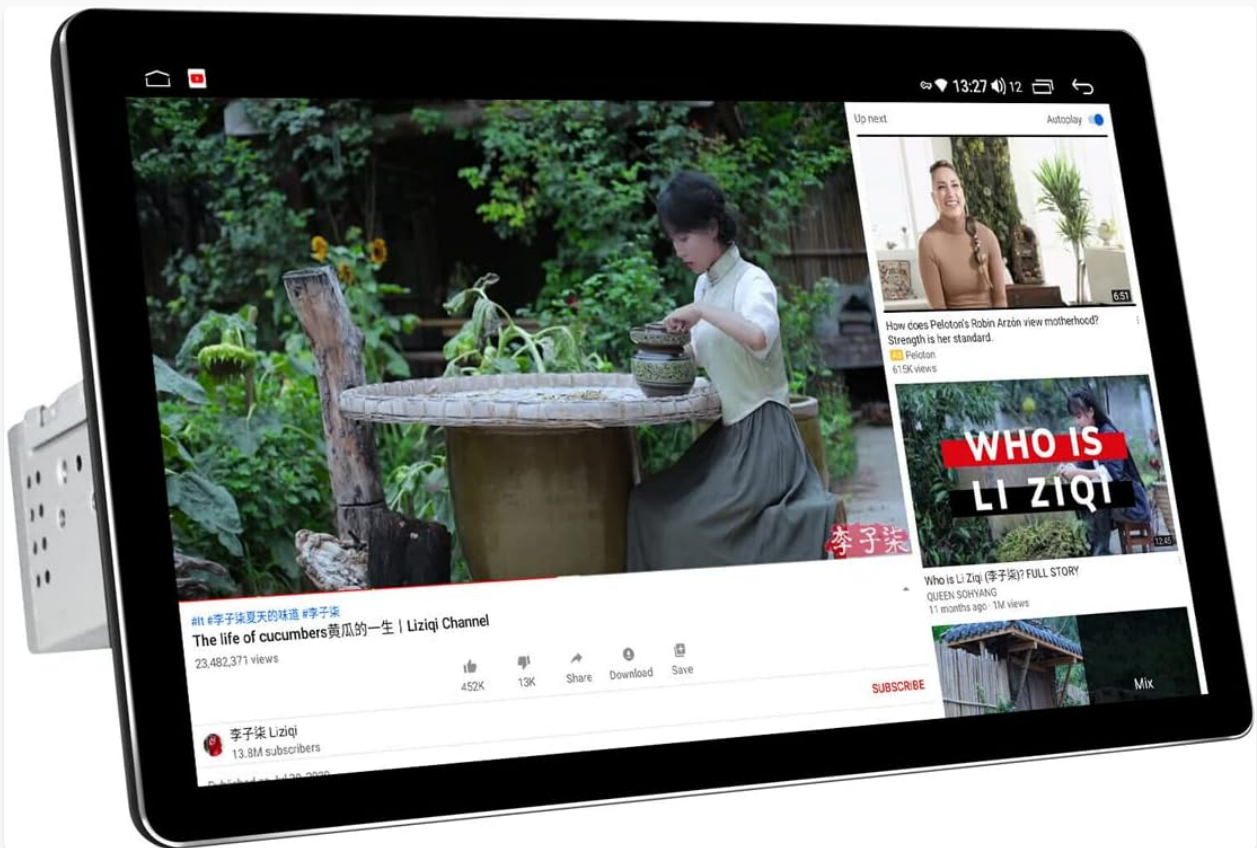


*Visual representation of the Built-in DSP capabilities.*

## 5. Video Playback and Display Quality

The 1920x1200 resolution screen offers a high-definition viewing experience for videos and other media. The

brightness adjusts to ensure clear visibility even in daylight.

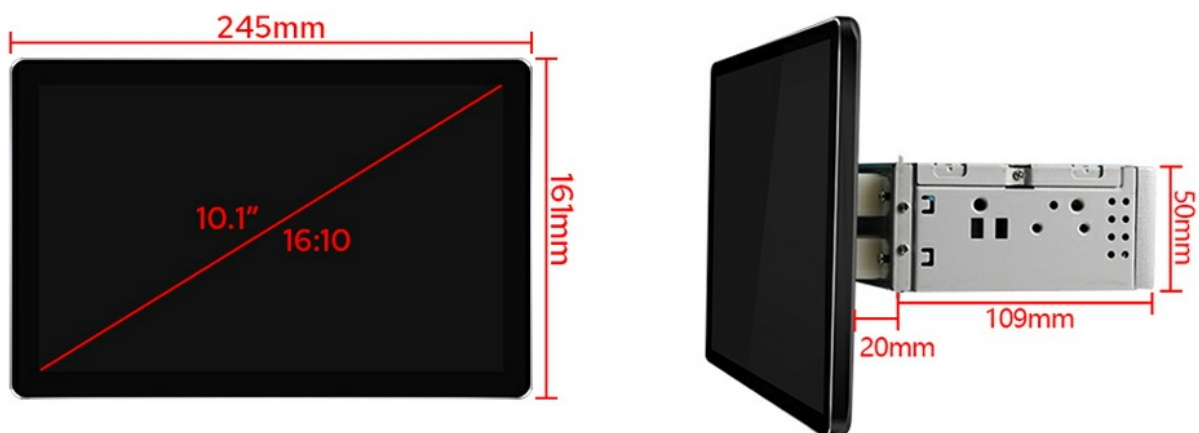


Resolution comparison illustrating the superior clarity of the 1920x1200 display.

## 6. Steering Wheel Control

The unit supports factory steering wheel controls, allowing you to easily switch songs, radio channels, and adjust volume for a safer and more enjoyable journey.

## Size & Package Contents



Steering wheel control integration for convenient operation.

## MAINTENANCE

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To ensure the longevity and optimal performance of your JOYING car stereo, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Dust Removal:** Regularly use a soft brush or compressed air to remove dust from vents and connection ports to prevent overheating and maintain proper airflow.
- **Software Updates:** Periodically check the manufacturer's website or the unit's settings for available software updates. Keeping the software updated can improve performance, add new features, and fix bugs.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

## TROUBLESHOOTING

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If you encounter issues with your JOYING car stereo, refer to the following common problems and their solutions:

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; Power supply issue.	Check all power connections (yellow and red wires may need to be swapped if not powering on correctly). Inspect the fuse on the unit's wiring harness. Ensure stable power supply from the vehicle.
Poor sound quality or crackling microphone.	Improper audio settings; Loose speaker connections; External microphone interference.	Adjust DSP and equalizer settings. Ensure all speaker wires are securely connected. Check external microphone placement and connection; consider relocating it if experiencing excessive noise.
Main screen/launcher cannot be changed or font is too small.	Default software limitations; Display scaling settings.	While direct font size adjustment may be limited, some users report success by enabling Developer Options (Settings > About device > Build number, tap 7 times) and adjusting 'Smallest width' (DPI) settings. Installing an alternative launcher from the Play Store may also provide more customization.
CarPlay/Android Auto not connecting or unstable.	Incorrect cable; Software incompatibility; Phone settings.	Ensure you are using a high-quality USB cable. Verify your phone's operating system is compatible (Android 7.0+ for Android Auto, iOS 10.1+ for CarPlay). Check phone settings for CarLink permissions. Try restarting both the phone and the car stereo.

Problem	Possible Cause	Solution
Steering wheel controls not working.	Incorrect wiring; Missing CANbus decoder.	Ensure the steering wheel control wires are correctly connected. If your car has a CANbus system, an additional CANbus decoder harness may be required for full functionality.

## SPECIFICATIONS

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- **Product Dimensions:** 9.65 x 5.08 x 6.34 inches
- **Item Weight:** 5.99 pounds
- **ASIN:** B09CM17SZ2
- **Date First Available:** August 14, 2021
- **Manufacturer:** JOYING
- **Brand:** JOYING
- **Connectivity Technology:** Bluetooth, Wi-Fi, USB
- **Controller Type:** iOS, Android
- **Special Feature:** DAB
- **Compatible Devices:** Smartphone, Speaker
- **Total HDMI Ports:** 4
- **Connector Type:** USB
- **Audio Encoding:** Stereo
- **Audio Output Mode:** Stereo
- **Surround Sound Channel Configuration:** 4 Channel

## WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the official JOYING website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.