

Carpuride YT101S

Carpuride Double Din Car Stereo User Manual

Model: YT101S

Introduction	Safety Information	Package Contents	Features	Setup &	
Installation	Operation	Specifications	Maintenance	Troubleshooting	Support

1. INTRODUCTION

Thank you for choosing the Carpuride Double Din Car Stereo. This manual provides essential information for the proper installation, operation, and maintenance of your new car audio receiver. Please read this manual thoroughly before using the product to ensure optimal performance and safety.



Image: The Carpuride Double Din Car Stereo featuring a 10.1-inch floating touchscreen display, with various components like the main unit, rear view camera, and connection diagrams shown below it.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the unit:

- **Professional Installation Recommended:** Due to the complexity of car audio systems, professional installation is highly recommended. Incorrect wiring can cause damage to the unit or vehicle.
- **Power Source:** Connect the unit only to a 12V DC car battery with a negative ground.
- **Avoid Distractions:** Do not operate the unit or watch videos while driving. Always prioritize road safety.
- **Temperature Extremes:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.
- **Liquid and Moisture:** Keep the unit away from water and moisture. Do not operate if wet.
- **Ventilation:** Ensure proper ventilation around the unit to prevent overheating.
- **Fuse Replacement:** Replace fuses only with fuses of the specified rating.

- **Detachable Screen Handling:** When detaching or reattaching the screen, handle with care to avoid damaging the connectors.

3. WHAT'S IN THE BOX

Verify that all items are present in the package:

- 10.1" Double Din Car Stereo (Main Screen)
- Double Din Machine (Main Unit)
- Backup Camera
- Camera Wire
- Wire Harness A & B
- Brackets & Screws
- User Manual
- Frame
- Rear View Camera
- Backup Camera Cable
- Wire Harness 6PIN
- Disassembly Tool



Image: A visual representation of all components included in the Carpuride Double Din Car Stereo package, including the main screen, double din machine, various wire harnesses, brackets, user manual, frame, rear view camera, and disassembly tool.

4. KEY FEATURES

- **CarPlay and Android Auto:** Supports both wireless and wired connectivity for seamless integration with your smartphone, providing access to navigation, music, calls, and messages. Android Auto requires Android 11 or above and 5GHz WiFi for wireless connection.
- **Smart Voice Control:** Built-in and external microphone support for Siri or Google Assistant voice commands, enabling hands-free operation.
- **SWC (Steering Wheel Control) Function:** Allows customization and control of volume, track switching, and other features directly from your vehicle's steering wheel.

- **HD Night Vision Rearview Camera:** Includes a backup camera with high-definition night vision and a 170° wide-angle view, automatically activating when reversing.
- **Adjustable & Detachable QLED Large Touchscreen:** Features a 10.1-inch QLED IPS touchscreen (9.8" L x 5.9" H) that can be adjusted 30° in multiple directions and easily detached for convenience and security.
- **FM/AM Radio & Hi-Fi Sound:** Supports local FM/AM radio station search with automatic/manual tuning and 6 preset channels. Offers 4 channels RCA audio out, EQ presets, and subwoofer out for customizable sound.
- **Mirror Link:** Supports wired and wireless Airplay (iOS) and wired AutoLink (Android) for screen mirroring, allowing display of phone content on the stereo screen.
- **Multiple Audio Inputs:** Bluetooth for hands-free calls and music streaming, USB and TF card playback for music, video, and photos, and AUX audio input.
- **Adjustable Brightness:** Manual brightness adjustment from level 0 to 10, with automatic day/night mode syncing with car lights.



Image: Illustration of wired and wireless CarPlay and Android Auto functionality, showing smartphone integration with the car stereo for navigation, music, and voice control.

10.1 inch Bigger Touch Screen

Higher resolution, more stylish appearance, more intuitive operation



Brilliant Color



Touch Sensitive



Smooth Playback



Adjustable Brightness



Image: Depicts the 10.1-inch QLED IPS touchscreen with examples of brilliant color, touch sensitivity, and smooth playback. Also shows the adjustable brightness feature for daytime and nighttime modes.

Steering Wheel Control

Access to the steering wheel multimedia buttons that come with your car to control the car stereo with one click.



Image: Four panels illustrating key audio features: Bluetooth calling and music playback, AM/FM radio interface, support for USB/TF card/AUX input, and the graphic equalizer (EQ) adjustment screen.

5. SETUP & INSTALLATION

This section provides general guidance for installing your Carpuride car stereo. Due to variations in vehicle models, professional installation is highly recommended. Always disconnect the vehicle's battery before beginning installation.

5.1 Pre-Installation Check

- Ensure your dashboard opening size fits the double din car stereo (7" L x 3.93" H).
- Verify all components listed in "What's in the Box" are present.



Image: Detailed diagrams showing the dimensions of the 10.1-inch screen and the main unit, along with a labeled diagram of the rear panel connections including subwoofer out, camera inputs, line outputs, video out, and radio antenna.

5.2 Wiring Connections

Refer to the provided wiring harnesses and diagrams for correct connections. Improper wiring can cause damage.

- **Power Wires:** Connect the yellow wire to constant 12V, red wire to accessory 12V, and black wire to ground.
- **Speaker Wires:** Connect to your vehicle's speaker wires, ensuring correct polarity.
- **Backup Camera:** Connect the backup camera as per the wiring diagram. The camera automatically switches on when reversing.

Wired Connection Android Auto

Note: No need to connect to the car stereo's WiFi and Bluetooth

1. Before connecting, turn on Auto A-Auto in the car stereo Phonelink settings
2. Use a high-quality data cable to connect to the car stereo's USB port



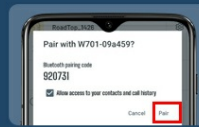
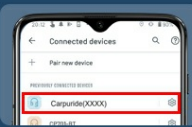
Wireless Connection Android Auto

Before connecting, turn on Auto and Auto A-Auto in the car stereo Phonelink settings.



1. Turn on Bluetooth and WiFi

2. Find the connected devices



3. Add new device
Carpuride(XXXX)

4. Click "Pair"

5. Active Carpuride(XXXX)

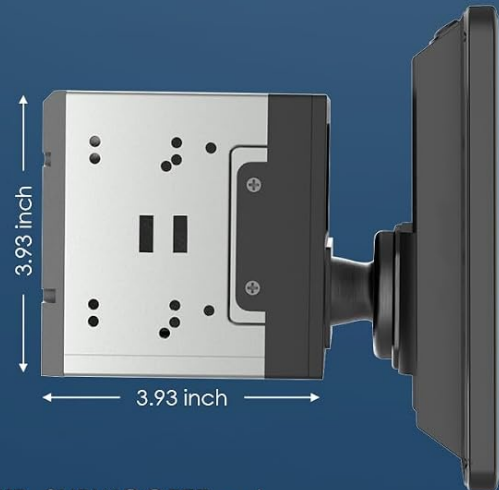
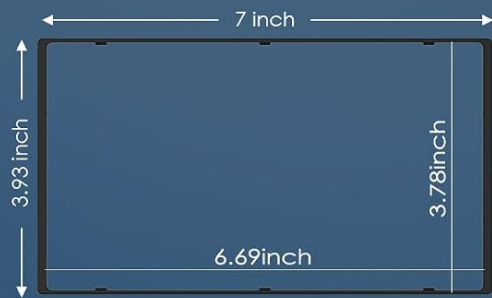
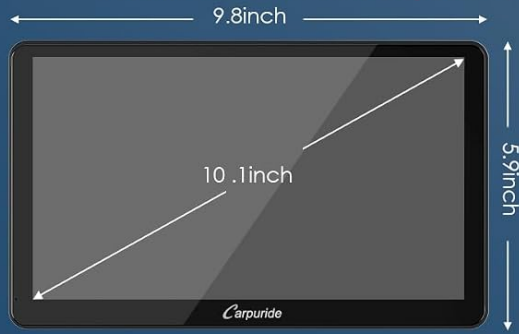
Image: A comprehensive wiring diagram illustrating how to connect the reversing camera to the car stereo and the vehicle's reverse light circuit for automatic activation.

5.3 Screen Installation & Adjustment

The 10.1-inch screen is adjustable and detachable. Carefully attach the screen to the main unit, ensuring the connectors align. The screen can be adjusted 30° up, down, forward, backward, left, and right for optimal viewing.

Product Size

Please double check your dash board opening size fits our car stereo



- ① SUB: SUBWOOFER out
- ② RCAM: Reverse Camera In
- ③ FCAM: Front Camera In
- ④ LOUT: Front Left Lineout
- ⑤ ROUT: Front Right Lineout
- ⑥ VOUT: Video out
- ⑦ LIN : Audio in Left
- ⑧ RIN: Audio in Right
- ⑨ VIN: Video in
- ⑩ Radio ANT

Image: Shows the mechanism for detaching and adjusting the touchscreen, highlighting the button to release the screen and the range of motion. Also details the power button functions for volume and turning the unit on/off.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off and Volume Control

- **Power On:** After installation, the unit should power on with the vehicle's ignition.
- **Power Off:** Long press the power button for 3 seconds to turn off the unit. Short press after to turn it on.
- **Volume Adjustment:** Tap the volume button on the screen or briefly press the power button to display the volume bar.

6.2 CarPlay and Android Auto

Connect your smartphone for seamless integration:

- **Wired Connection (CarPlay):** Use a high-quality Apple cable to connect your iPhone to the stereo's USB port.

Ensure "i-Play" is enabled in the stereo's PhoneLink settings.

- **Wireless Connection (CarPlay):**

1. Turn on Bluetooth and Wi-Fi on your iPhone.
2. Search for the stereo's Bluetooth (e.g., "Carpuride(XXXX)") and pair.
3. Follow prompts to complete pairing.
4. Turn on CarPlay in the stereo's settings.

- **Wired Connection (Android Auto):** Use a high-quality data cable to connect your Android phone to the stereo's USB port. Ensure "Auto A-Auto" is enabled in the stereo's PhoneLink settings.

- **Wireless Connection (Android Auto):**

1. Turn on Bluetooth and Wi-Fi on your Android phone.
2. Find the connected devices in your phone's Bluetooth settings.
3. Add new device "Carpuride(XXXX)" and click "Pair".
4. Activate Android Auto in the stereo's settings. (Requires Android 11+ and 5GHz WiFi).

Wired Connection Airplay

1. Turn on iOSMirror in the Carpuride car stereo Phonelink settings.
2. Use a high-quality Apple data cable to connect to the car stereo's USB port



Wireless Connection Airplay

NOTE:

1. Bluetooth must always be turned off.
2. Turn on Airplay in the Carpuride car stereo Phonelink settings.



Image: Step-by-step guide for wired CarPlay connection, showing the USB port connection and the "i-Play" setting on the stereo.

Wired Connection AutoLink



Image: Step-by-step guide for wireless CarPlay connection, detailing Bluetooth pairing and enabling CarPlay in the stereo settings.



Image: Step-by-step guide for wired Android Auto connection, showing the USB port connection and the "Auto A-Auto" setting on the stereo.



Image: Step-by-step guide for wireless Android Auto connection, detailing Bluetooth pairing and enabling Android Auto in the stereo settings.

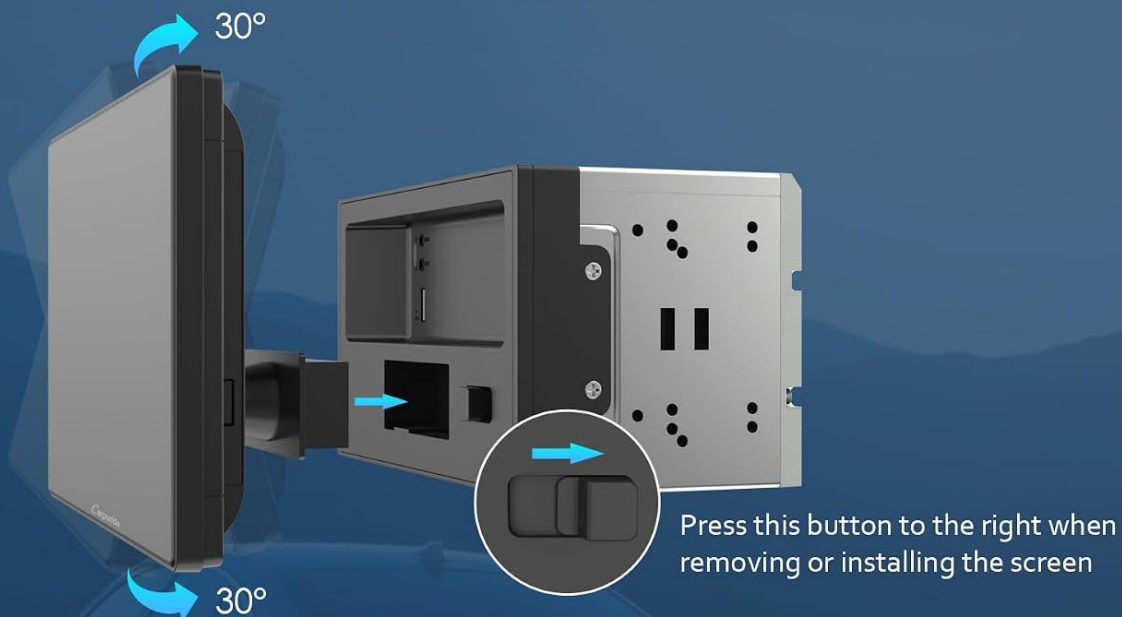
6.3 Mirror Link (AirPlay & AutoLink)

Project your phone's screen onto the car stereo display.

- **Wired AirPlay (iOS):** Turn on iOSMirror in the stereo's PhoneLink settings. Use a high-quality Apple data cable to connect.
- **Wireless AirPlay (iOS):**
 1. Turn off Bluetooth and Wi-Fi on your iPhone.
 2. Connect only to the Wi-Fi of the Carpuride Screen.
 3. Select "Screen Mirroring" in your iPhone's control center.
 4. Click "Carpuride(XXXX)-AirPlay" for wireless mirroring.
- **Wired AutoLink (Android):**
 1. Download and install the AutoLink Pro app on your phone.
 2. Turn on AutoLink in the stereo's PhoneLink settings.

3. Use a high-quality data cable to connect your phone to the stereo's USB port.
4. Connect your phone and car stereo via Bluetooth.

Detachable & Adjustable Touchscreen



Power Button:

Short press for 1 second to mute and pop up the volume bar.
Long press for 3 seconds to turn it off, then short press after that to turn it on.



Image: Demonstrates the screen mirroring capability, showing a smartphone screen being projected onto the car stereo display via wired and wireless AirPlay and wired AutoLink connections.

6.4 Steering Wheel Control (SWC)

Customize button functions to control the stereo directly from your steering wheel.

- Access the SWC settings menu on the stereo.
- Follow the on-screen instructions to map your steering wheel buttons to desired functions (e.g., volume up/down, track skip, mode).

HD Night Vision Rear View Camera

Automatically switch to the reversing image when reversing



Night Vision



Live Rear View



Wide Viewing Angle



Waterproof Design

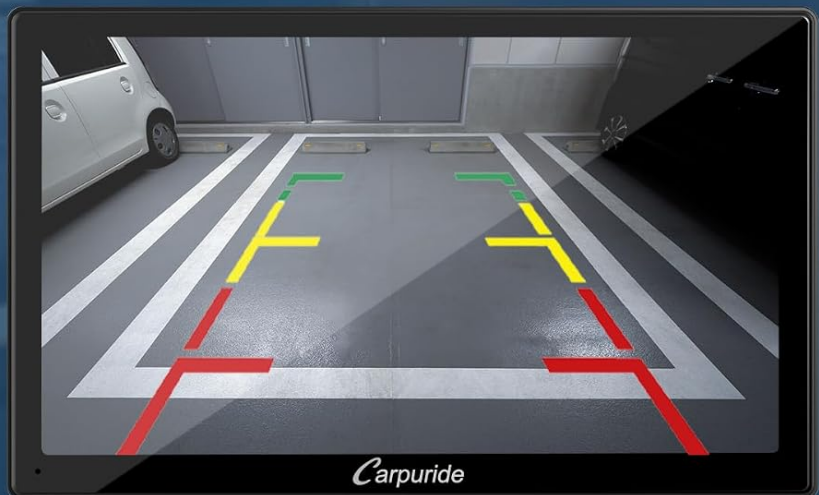


Image: Illustrates how the steering wheel controls can be used to operate the car stereo, showing a hand on the steering wheel and the corresponding on-screen menu for button function customization.

6.5 Radio Operation

- **Station Search:** Use the automatic or manual tuning options to find FM (87.5MHz-107.9MHz) and AM (530-1710KHz) stations.
- **Preset Channels:** Save up to 6 favorite stations for quick access.

6.6 Audio Settings

- **EQ Adjustment:** Access the equalizer settings to customize sound profiles.
- **Subwoofer Output:** Adjust subwoofer levels for enhanced bass.
- **Multiple Inputs:** Select desired audio source from Bluetooth, USB, TF card, or AUX.

6.7 Brightness Adjustment

- Manually adjust screen brightness from level 0 to 10 via the settings menu.

- Enable automatic brightness adjustment to sync with your car's lighting system (day/night modes).

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	3.93 x 7 x 3.93 inches
Item Weight	3.67 pounds
Model Number	YT101S
Connectivity Technology	Auxiliary, Bluetooth, USB, Wi-Fi
Controller Type	Android, iOS
Special Features	Android Auto, Apple CarPlay, Built-In Bluetooth, Equalizer, Voice Control
Compatible Devices	Smartphone
Connector Type	3.5mm Jack, RCA
Audio Output Mode	Stereo
Surround Sound Channel Configuration	4.0
Video Encoding	MP4, FLV, MKV, H.264, H.265/HEVC, MPEG-4
Color	Black

8. MAINTENANCE

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. Do not use abrasive cleaners or solvents.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft, dry cloth for cleaning the main unit.
- **Detachable Screen Care:** When detaching the screen for storage, place it in a protective sleeve or case to prevent scratches and damage to the connectors.
- **Software Updates:** Check the Carpuride official website periodically for any available firmware updates to ensure optimal performance and new features.

9. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No Power	Incorrect wiring; Blown fuse; Loose connection.	Check power and ground connections. Inspect and replace fuses if necessary. Ensure all wire harnesses are securely connected.

Problem	Possible Cause	Solution
No Sound	Speaker wires disconnected; Volume too low; Mute function active; Incorrect audio source selected.	Check speaker wire connections. Increase volume. Deactivate mute. Select the correct audio input (Bluetooth, USB, AUX, Radio).
CarPlay/Android Auto Not Connecting (Wireless)	Bluetooth/Wi-Fi off on phone; Incorrect pairing; Android version not supported (for wireless Android Auto).	Ensure Bluetooth and Wi-Fi are enabled on your phone. Re-pair the device. For Android Auto, ensure your phone runs Android 11 or above and supports 5GHz Wi-Fi.
Screen is Black/Unresponsive	Loose screen connection; Unit frozen; Power issue.	Ensure the detachable screen is securely attached. Try pressing the power button for 3 seconds to reset the unit. Check power connections.
Backup Camera Not Displaying	Camera wiring issue; Reverse signal not detected.	Verify the camera and trigger wire connections as per the installation diagram. Ensure the camera is receiving power.
Poor Radio Reception	Antenna not connected; Weak signal area.	Ensure the radio antenna is properly connected. Try tuning to a stronger station or moving to an area with better signal.

10. WARRANTY AND CUSTOMER SUPPORT

Carpuride is committed to providing excellent customer service and support for your product.

- **Professional Service:** We offer technical support for any issues you may encounter.
- **Lifetime Usage Guidance:** Carpuride provides lifetime guidance for the use of your product.
- **Compatibility Inquiries:** If you are unsure about compatibility with your vehicle before purchase, please contact us for confirmation.
- **Contact:** For technical assistance or warranty claims, please refer to the contact information provided on the Carpuride official website or your purchase documentation. Our professional technical team will assist you as soon as possible.



Image: Depicts customer service representatives, symbolizing Carpuride's commitment to providing quick replies, lifetime technical service, and professional installation guidance.

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