

Carpuride YT90S

Carpuride 9 Inch Double Din Car Stereo User Manual

Model: YT90S

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Carpuride 9 Inch Double Din Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

The Carpuride 9 Inch Double Din Car Stereo features a detachable and adjustable touchscreen, supporting wired/wireless Apple CarPlay and Android Auto, voice control, mirror link, steering wheel control (SWC), Bluetooth, FM/AM radio, backup camera input, and USB/TF/AUX connectivity.

2. SAFETY INFORMATION

Always prioritize safety. Improper installation or operation can lead to accidents or damage. Ensure professional installation if you are unsure about the process.

- Do not operate the device in a way that distracts you from driving.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Keep the screen clean using a soft, dry cloth. Avoid abrasive cleaners.
- Refer to the "Troubleshooting" section for common issues before attempting repairs.

3. PACKAGE CONTENTS

Verify that all items are included in your package:

- Main Engine Display
- User Manual
- Rear View Camera
- Camera Cable
- Wire Harness A
- Wire Harness B

- Frame
- 6PIN Line

Support Rear View Camera



Supports RCA AV connector type rear view camera signal input, auto matically switch to parking image when reversing gear engaged.



Support Front camera



(After installing, It can display the front view, but you can't save it), front camera is not included.



Is not included and needs to be purchased separately.

Image: Contents included in the Carpuride 9 Inch Double Din Car Stereo package, showing the main unit, user manual, rear view camera, various cables, and mounting frame.

4. PRODUCT OVERVIEW

4.1 Key Features

- **9 Inch Detachable & Rotating IPS HD Screen:** Adjustable viewing angle, supports up/down and left/right rotation, and is detachable.
- **CarPlay & Android Auto:** Compatible with wired/wireless CarPlay (iPhone 6 and above) and wireless/wired Android Auto (Android 11 or above).
- **Mirror Link:** Supports wired/wireless mirror link for iOS and wired for Android smartphones.
- **Voice Control:** Integrated with upgraded voice control technology for Siri or Google Assistant.

- **Camera Support:** Includes a waterproof backup camera with 12 LED night vision and 170° wide angle. Supports front view camera (not included).
- **Audio Features:** Built-in DPS with 4.2 Channels RCA Audio Out Pre Amplifier (max 180W output), FR, FL, RR, RL, Subwoofer out, 16 Bands EQ.
- **Connectivity:** AM/FM transmission, Bluetooth, USB, TF card (up to 64G), AUX, steering wheel control (SWC).
- **Display Resolution:** 1024 x 600 HD digital touch screen, supports 1920 x 1080P video playback.

4.2 Components and Interfaces

Familiarize yourself with the main components and connection interfaces of the car stereo.

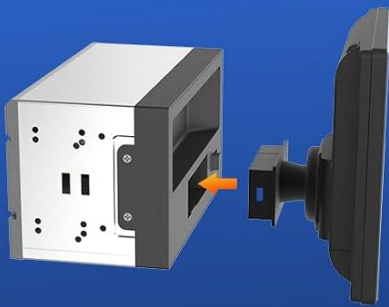


Image: Front and rear views of the Carpuride car stereo, highlighting the 9-inch detachable screen, audio out 3.5mm, TF card slot, external MIC port 3.5mm, USB 5V 1A, RESET button, and various rear wiring connections with dimensions.

Structural Design



Our Product



Detachable



Adjustable angle

(Adjust up and down 30°, Swing left and right 30°)



Other Product



Un-detachable



Un-Adjustable angle

PK

Image: Diagram illustrating the detachable and adjustable angle features of the Carpuride car stereo screen, showing up/down and left/right rotation capabilities compared to non-detachable/non-adjustable alternatives.

5. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. It is recommended to have the unit installed by a qualified professional if you are not familiar with car audio installations.

5.1 Important Installation Tips

- The standard dashboard opening size for this unit is 178mm*100mm. Please verify your car's dashboard opening size before installation.
- Ensure the vehicle's battery is disconnected before starting any wiring.
- Follow the wiring diagrams carefully to avoid damage to the unit or vehicle.

5.2 Wiring Diagram

Connect the wire harnesses as shown in the diagram. Ensure each wire is connected to its corresponding function in your vehicle's wiring system.



Image: Detailed wiring diagram for the Carpuride car stereo, showing connections for Wire Harness A (speaker outputs), Wire Harness B (power, ground, accessory, illumination, reverse, SWC), and the reversing camera line.

5.3 Screen Installation and Adjustment

The 9-inch screen is detachable and adjustable. After installing the main unit into the dashboard, attach the screen and adjust its angle for optimal viewing.

9 Inch Double Din Car Stereo



Image: Before and after installation comparison showing a standard car radio replaced by the Carpuride 9 Inch Double Din Car Stereo, demonstrating the larger screen's visual impact.



Image: A close-up of the Carpuride car stereo screen being adjusted, showing the flexibility of its rotation and tilt mechanism.

6. OPERATING INSTRUCTIONS

6.1 Volume Adjustment

You can adjust the volume using three methods:

1. **Method 1:** Click the "Power" button on the unit to bring up the volume bar, then adjust.
2. **Method 2:** Click the Volume Icon on the touchscreen to display the volume slider, then adjust.
3. **Method 3:** Use the provided remote control to adjust the volume.



Video: A demonstration on how to adjust the volume of the Carpuride Double Din Car Radio using the power button, the on-screen volume icon, and the remote control.

6.2 Smartphone Integration (CarPlay, Android Auto, Mirror Link)

The unit supports seamless integration with your smartphone for navigation, music, and communication.

- **Apple CarPlay:** Connect your iPhone (6 and above) via wired or wireless connection to access CarPlay features.
- **Android Auto:** Connect your Android smartphone (Android 11 or above) via wired or wireless connection for Android Auto functionality.
- **Mirror Link:** Mirror your smartphone's display to the 9-inch touchscreen. Wired connection is supported for Android, and wired/wireless for iOS.

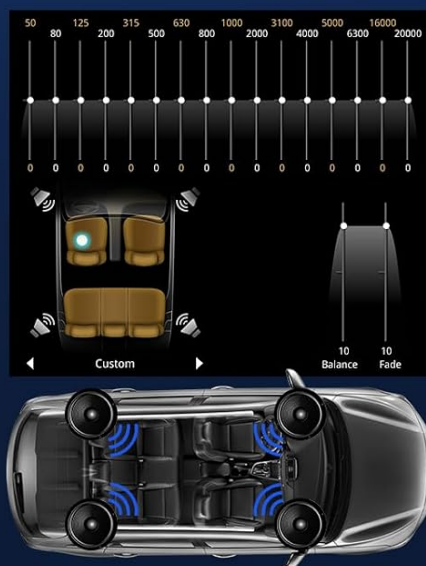
Suport 4.2 Channel Output



RR+RL+FR+FL+Subwoofer output & Power AMP 45Wx4



Enjoy high quality music no matter where you sit in the car



SUB



FL



RL



RCAM



FR



RR



FCAM



FCAM



VIN



Radio ANT+12V

Image: Display showing the Carpuride car stereo running Apple CarPlay, Android Auto, and MirrorLink interfaces, illustrating wired and wireless connection options.

9 Inch Bigger HD Adjustable Screen, Bigger View



Image: Illustration of wireless and wired connectivity options for Apple CarPlay and Android Auto on the Carpuride car stereo, alongside voice control examples for Siri and Google Assistant.

6.3 Voice Control

Utilize voice commands for hands-free operation. The system supports Siri and Google Assistant.

- Activate your voice assistant (Siri or Google Assistant) through the car stereo.
- Issue commands for navigation, calls, messages, and music playback.



Image: A screen capture of the Carpuride car stereo displaying a music playback interface with voice control prompts for Siri and Google Assistant.

6.4 Navigation

Access navigation apps like Apple Maps, Waze, and Google Maps through CarPlay or Android Auto.



Image: A screen capture of the Carpuride car stereo displaying a map interface, indicating GPS navigation capabilities with Apple Maps, Waze, and Google Maps.

6.5 Bluetooth Functionality

Connect your smartphone via Bluetooth for hands-free calling and audio streaming.

- Pair your device with the car stereo via Bluetooth settings.
- Make and receive calls directly from the unit.
- Stream music from your phone to the car stereo.



Image: A screen capture of the Carpuride car stereo displaying a phone dialer interface, demonstrating its Bluetooth calling functionality with a connected smartphone.

6.6 FM/AM Radio

Tune into your favorite radio stations using the built-in FM/AM tuner.



Image: A screen capture of the Carpuride car stereo displaying the FM radio interface, showing frequency tuning and station presets.

6.7 Audio Equalizer (EQ)

Customize your audio experience with the 16-band equalizer.



Image: Diagram illustrating the 4.2 channel audio output of the Carpuride car stereo, including subwoofer output, and a visual representation of the 16-band equalizer settings.

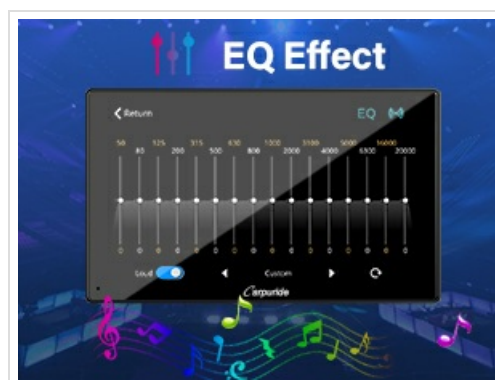


Image: A screen capture of the Carpuride car stereo displaying the equalizer settings, showing adjustable frequency bands for audio customization.

6.8 Steering Wheel Controls (SWC)

Connect your vehicle's steering wheel controls to the unit for convenient operation.

- Control song switching, volume, and hands-free calling directly from your steering wheel.



Image: A screen capture of the Carpuride car stereo displaying the steering wheel control setup interface, with an inset showing a steering wheel with control buttons.

6.9 Camera Functionality

The unit supports both rear and front view cameras for enhanced safety.

- **Rear View Camera:** The included waterproof camera with 12 LED night vision and 170° wide angle automatically displays the parking image when reversing.
- **Front View Camera:** Supports front view camera input (camera not included).

Before Installation



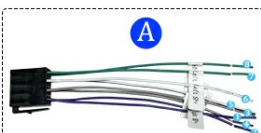
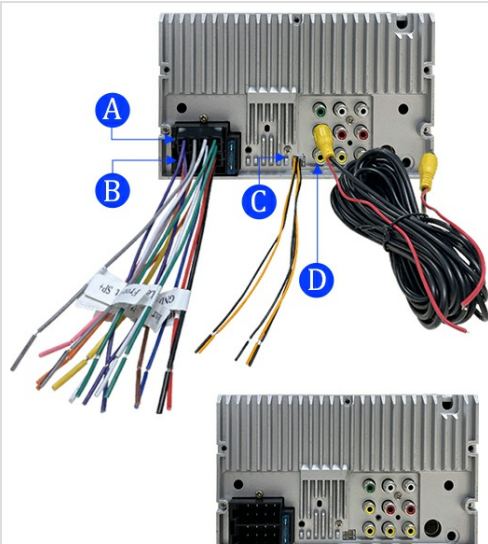
After Installation



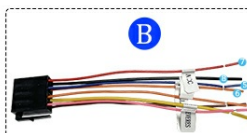
Big screen gives you better visual impact and more comfortable viewing



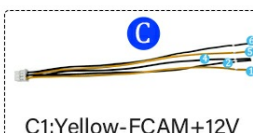
Image: Illustration showing the Carpuride car stereo displaying rear view camera feed with parking lines, and a separate section indicating support for a front view camera (not included).



A1:Purple-Right SP+
A2:Purple-Right SP-
A3:Gray-Right SP+
A4:Gray-Right SP-
A5:White-Left SP+
A6:White-Left SP-
A7:Green-Left SP+
A8:Green-Left SP-



B1:Pink-REVERES
B2:Brown-PARKING
B3:Orange-NC
B4:Yellow-B+
B5:Blue-ANT+12V
B6:Orange-ILL
B7:Red-ACC
B8:Black-GND



C1:Yellow-FCAM+12V
C2:Black-GND
C3:NC
C4:Black-SWC-KEY1
C5:Yellow-SWC-KEY2
C6:Black-SWC-GND

D
Reversing Camera Line

Image: A visual demonstrating the rear view camera functionality of the Carpuride car stereo, showing the camera unit and the parking assist lines on the screen.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Carpuride 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 harsh chemicals or abrasive materials.
- **General Cleaning:** Keep the main unit and surrounding areas free from dust and debris. Use a soft brush or compressed air to clean vents and ports.
- **Temperature Control:** Avoid prolonged exposure to extreme temperatures, both hot and cold, as this can affect the electronic components and screen.
- **Software Updates:** Periodically check the manufacturer's website for any available software or firmware updates to ensure the system is running the latest version.

8. TROUBLESHOOTING

If you encounter issues with your Carpuride car stereo, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No power/Unit does not turn on.	Incorrect wiring; Blown fuse; Vehicle battery issue.	Check power connections (B+, ACC, GND). Inspect vehicle's fuse box and the unit's fuse. Ensure battery is charged.
No sound.	Volume too low; Mute activated; Speaker wiring issue; Incorrect audio source.	Increase volume. Check if mute is on. Verify speaker connections. Select correct audio input (Radio, BT Music, USB, AUX).
Touchscreen unresponsive.	System freeze; Software glitch.	Press the RESET button (refer to Product Overview for location). Restart the vehicle.
CarPlay/Android Auto not connecting.	Incorrect cable; Phone software issue; Compatibility issue.	Use original or certified USB cable. Ensure phone OS is compatible (iPhone 6+, Android 11+). Restart phone and unit. Check wireless settings.
Rear view camera not displaying.	Camera wiring issue; Reverse trigger wire not connected.	Check camera power and video signal connections. Ensure the "REVERSE" trigger wire is correctly connected to the vehicle's reverse light circuit.
Bluetooth not pairing.	Device not in pairing mode; Interference; Already paired with another device.	Ensure Bluetooth is enabled on both devices and the unit is in pairing mode. Delete previous pairings. Move closer to the unit.

If the problem persists after trying these solutions, please contact Carpuride customer support for assistance.

9. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	YT90S
Screen Size	9 Inch
Display Resolution	1024 x 600
Supported Video Resolution	Up to 1920 x 1080P
Audio Output Mode	Stereo
Surround Sound Channel Configuration	4.2 Channels (FR, FL, RR, RL, Subwoofer out)
Max Output Power	180 Watts
Connectivity Technology	Auxiliary, Bluetooth, USB
Compatible Devices	Smartphone, Speaker
Supported Storage	TF Card (Up to 64G)
Item Weight	2.61 pounds (41.7 Ounces)
Package Dimensions	9.76 x 7.8 x 5.98 inches

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Carpuride website or contact their customer service directly.

Manufacturer: CARPURIDE

Date First Available: October 25, 2023

For further assistance, you may visit the [Carpuride Store on Amazon](#).



Image: Carpuride brand logo and a customer support representative, indicating available support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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