

CARPURIDE YT09S

Carpuride YT09S Double DIN Car Stereo User Manual

Model: YT09S

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Carpuride YT09S Double DIN Car Stereo. Please read this manual thoroughly before using the device to ensure proper function and safety.



Image 1.1: Carpuride YT09S Double DIN Car Stereo with accessories.

The Carpuride YT09S is designed to upgrade older vehicle audio systems, offering advanced connectivity and entertainment features. It combines wireless Apple CarPlay and Android Auto support, a 9-inch 2.5D curved glass IPS touchscreen, Bluetooth music streaming, USB and TF card playback, FM radio, and support for front and rear cameras. The unit also features steering wheel control compatibility and a 4-channel audio output for enhanced sound quality. Mobile navigation can be displayed on the 9-inch HD IPS screen.

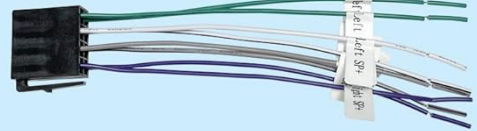
2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

Included In The Box



Main Engine Display



Wire Harness A



Wire Harness B



6PIN Line



Main Engine



Frame



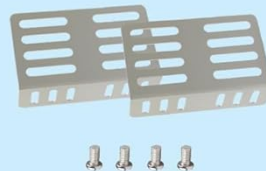
Rear View Camera



Disassembly Tool



Camera Wire



Brackets



User Manual

Image 2.1: Components included in the Carpuride YT09S package.

- Main Engine Display
- Main Engine Unit
- Mounting Frame
- Wire Harness A
- Wire Harness B
- 6PIN Line
- Rear View Camera
- Disassembly Tool
- Camera Wire
- Mounting Brackets
- User Manual

Note: USB adapter, TF card, and front camera are not included and must be purchased separately if needed.

3. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. If you are unsure about any steps, consult a professional installer.

3.1. Pre-Installation Check

Before beginning installation, ensure your vehicle's power is disconnected. Verify the dimensions of the unit against your vehicle's dashboard opening.



Image 3.1: Carpuride YT09S Function Interface and Dimensions.

- **Power Button:** Short press to mute, long press to adjust volume.
- **USB 5V 1A Port:** For charging and data transfer.
- **TF Card Slot:** For media playback.
- **External MIC Port (3.5mm):** For connecting an external microphone.
- **Audio Out (3.5mm):** For connecting to external audio devices.
- **RESET Button:** To reset the unit.

3.2. Wiring Connections

Connect the provided wire harnesses to the corresponding ports on the Carpuride YT09S and your vehicle's wiring system. Refer to your vehicle's wiring diagram for specific connections.

- **Power:** Connect the yellow wire to constant 12V, red wire to accessory 12V, and black wire to ground.
- **Speakers:** Connect the speaker wires to your vehicle's speakers, ensuring correct polarity. The unit supports 4-channel output (front left, front right, rear left, rear right) and 1 subwoofer output.
- **Rear View Camera:** Connect the camera's video output to the "RCAM" input on the unit. Connect the camera's power to the reverse light circuit so it activates when reverse gear is engaged.
- **Steering Wheel Control (SWC):** Connect the SWC wires to your vehicle's steering wheel control interface. This allows control of functions like volume and track changes from your steering wheel.
- **Antenna:** Connect your vehicle's FM antenna to the unit.

3.3. Mounting the Unit

Secure the main engine unit into the double DIN slot using the provided brackets and screws. Attach the display to the main unit. Ensure the display is positioned for optimal viewing and accessibility.

Before Installation



After Installation

Big screen gives you better visual impact and more comfortable viewing

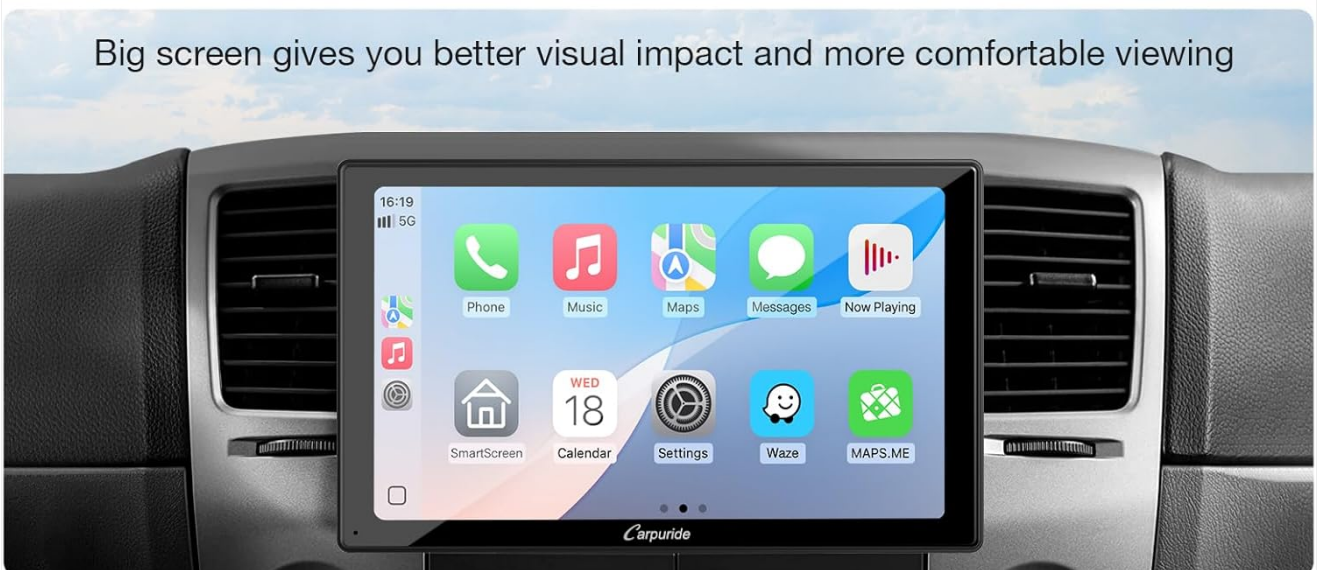


Image 3.2: Before and After Installation of the Carpuride YT09S.

4. OPERATING INSTRUCTIONS

4.1. Power On/Off and Basic Controls

Press the power button to turn the unit on. Short press for mute, long press to adjust volume. The touchscreen interface allows for intuitive navigation through menus and functions.

4.2. Apple CarPlay and Android Auto



Image 4.1: Connectivity options for Apple CarPlay, Android Auto, and MirrorLink.

- **Wireless Connection:** Enable Bluetooth and Wi-Fi on your smartphone. Pair your phone with the Carpuride YT09S via Bluetooth. Follow the on-screen prompts to establish the wireless CarPlay or Android Auto connection.
- **Wired Connection:** Connect your smartphone to the unit's USB port using a certified USB cable. The system will automatically detect and launch CarPlay or Android Auto.
- **Compatibility:** Supports iOS 6 and above, Android 11 and above.

Once connected, you can access navigation, messaging, phone calls, and music directly from the unit's touchscreen

or via voice commands.

4.3. Mirror Link Function

The Mirror Link function allows you to project your smartphone's screen onto the 9-inch display. This supports both iOS and Android devices via wired connection, and iOS devices wirelessly.

- **Wired Mirror Link:** Connect your phone to the USB port. Select the Mirror Link option on the unit and follow the instructions.
- **Wireless Mirror Link (iOS only):** Ensure your iPhone is connected via Wi-Fi to the unit. Select the Mirror Link option.

4.4. GPS Navigation



Image 4.2: GPS Navigation, Voice Control, Bluetooth, FM Radio, and EQ functions.

When using Apple CarPlay or Android Auto, your phone's navigation applications (e.g., Apple Maps, Google Maps, Waze) will be displayed on the unit's screen. Follow the voice prompts and visual directions for guidance.

4.5. Bluetooth Functionality

Pair your smartphone via Bluetooth to stream music, make hands-free calls, and access your phone's contacts.

- **Pairing:** Go to the Bluetooth settings on the unit and your phone. Search for "Carpuride YT09S" and pair the devices.
- **Music Playback:** Select the Bluetooth Audio source to stream music from your paired device.
- **Hands-Free Calling:** Use the touchscreen or steering wheel controls to answer/end calls and dial numbers.

4.6. FM Radio

Access the FM Radio function to scan for and listen to local radio stations. You can manually tune or use the auto-scan feature to find available stations.

4.7. Audio Playback and EQ

Image 4.3: 4.2 Channel Audio Output and Equalizer Settings.

The unit supports music playback from TF cards, USB drives, and Bluetooth. The built-in equalizer allows you to customize sound effects with various presets (e.g., Classic, Jazz, Pop, Rock) or a custom setting.

The 4-channel output (RR+RL+FR+FL) and 1 subwoofer output ensure high-quality sound distribution throughout your vehicle.

4.8. Camera Support

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

The front camera is not included in the package, please purchase it separately.



Support SWC

Steering Wheel Control(SWC) allows you easy to control song switching,Volume control, hands-free calling,etc.



Image 4.4: Rear View Camera, Front Camera, and Steering Wheel Control features.

- **Rear View Camera:** When the vehicle is shifted into reverse, the unit automatically displays the rear camera feed with parking guidelines. The included camera features a 170° ultra-wide viewing angle and waterproof design.
- **Front Camera:** The unit supports an optional front camera (not included). This can be used to monitor road conditions ahead.

4.9. Steering Wheel Control (SWC)

If your vehicle is equipped with steering wheel controls and properly wired, you can use them to manage calls, change music tracks, and adjust volume without diverting attention from the road.

4.10. Customization

The unit allows for personalized boot logo and startup screen customization. You can set the startup logo to match your car model or display personal photos.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Check the manufacturer's website periodically for firmware updates to ensure optimal performance and access to new features.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; blown fuse; vehicle battery low.	Check power connections (yellow, red, black wires). Inspect vehicle fuses. Ensure vehicle battery is charged.
No sound from speakers.	Speaker wires incorrectly connected; volume too low; mute function active.	Verify speaker wiring. Increase volume. Check if mute is active.
CarPlay/Android Auto not connecting.	Incorrect phone settings; incompatible phone OS; faulty USB cable; Wi-Fi/Bluetooth issues.	Ensure phone's OS is compatible (iOS 6+, Android 11+). Check phone's Wi-Fi and Bluetooth. Try a different USB cable. Restart phone and unit.
Rear camera not displaying.	Camera not powered; video cable loose; incorrect input selected.	Check camera power connection to reverse light. Ensure video cable is securely connected to "RCAM" input.
Steering wheel controls not working.	SWC wires incorrectly connected; unit not configured for SWC.	Verify SWC wiring. Access unit settings to configure steering wheel controls.

If problems persist after attempting these solutions, please contact Carpuride customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	CARPURIDE
Model Number	YT09S (9" 2 DIN)
Display	9-inch IPS Touchscreen (2.5D curved glass)
Connectivity Technology	Bluetooth, Wi-Fi, USB, TF Card, Auxiliary (3.5mm Jack)
Special Features	Apple CarPlay (Wireless/Wired), Android Auto (Wireless/Wired), Voice Control, GPS Navigation, Mirror Link, Touchscreen, FM Radio, EQ, Steering Wheel Control (SWC)
Compatible Devices	Smartphones (iOS 6+, Android 11+)
Audio Output Mode	Stereo





Feature	Detail
Surround Sound Channel Configuration	4 channels (with 1 subwoofer output)
Number of Channels	4 (with 1 subwoofer output)
Video Encoding	H.264, H.265/HEVC
Rear Camera Support	RCA AV connector type, auto-switch to parking image
Front Camera Support	Yes (camera not included)
Power Output	45W x 4 (Power AMP)

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official Carpuride website. For technical support, troubleshooting assistance beyond this manual, or inquiries about spare parts, please contact Carpuride customer service directly.

Note: Information regarding spare parts availability and guaranteed software updates is not available at the time of this manual's publication. Please check the manufacturer's official channels for the most current information.

Related Documents - YT09S

	Carpuride 2.5HD-Touchscreen Portable Wireless Carplay & Android Auto Autoradio User Guide Comprehensive user guide for the Carpuride 2.5HD-Touchscreen portable wireless Carplay and Android Auto Autoradio. This guide details setup and usage for Carplay, Android Auto, AirPlay, Android Cast, and dashcam features, including connection steps, settings, and troubleshooting tips.
	Manuale Carpuride W712D: Sistema di Intrattenimento e Dash Cam per Moto Guida completa al Carpuride W712D, uno schermo touchscreen da 7 pollici per moto con Apple CarPlay e Android Auto wireless, doppia fotocamera 1080p HD, Bluetooth, impermeabilità IP67, controller cablato e registrazione in loop.
	Carpuride Motorcycle CarPlay/Android Auto Screen User Manual Discover the Carpuride Motorcycle CarPlay/Android Auto Screen user manual. This guide covers installation, wiring, main interface functions, connecting iOS and Android devices wirelessly, volume adjustments, audio output methods, EQ settings, SD card usage, Bluetooth calls and music, brightness control, and after-sales support for your detachable, IP67 waterproof, IPS touchscreen display.
	Manuale Utente Carpuride: CarPlay e Android Auto per Moto Guida completa al manuale utente Carpuride per il touchscreen da 5 pollici con supporto wireless CarPlay e Android Auto per moto. Include istruzioni di installazione, configurazione e utilizzo delle funzioni.

	<p>Carpuride CarPlay & Android Auto Portable Multimedia System User Manual</p> <p>Comprehensive user manual for the Carpuride 2.5-inch HD Touchscreen portable multimedia system, featuring wireless CarPlay, Android Auto, MirrorLink, Bluetooth 5.0, TF Audio, FM, and Siri. Includes detailed instructions for wired and wireless connections, Bluetooth functions, and brightness adjustment for optimal in-car entertainment.</p>
	<p>Carpuride CarPlay Handbuch: IPS Touchscreen für Motorräder</p> <p>Umfassendes Handbuch für das Carpuride IPS Touchscreen-Gerät, das kabelloses CarPlay und Android Auto für Motorräder unterstützt. Enthält Anleitungen zur Installation, Bedienung, Bluetooth-Konnektivität, Audioausgabe und mehr.</p>