SANPTENT Double Din Car Stereo

SANPTENT Double Din Car Stereo User Manual

Model: Double Din Car Stereo

Introduction

Thank you for choosing the SANPTENT Double Din Car Stereo. This manual provides essential information for the proper installation, operation, and maintenance of your new car stereo system. Please read this manual thoroughly before use to ensure optimal performance and safety.



Image: The SANPTENT Double Din Car Stereo integrated into a vehicle's dashboard, displaying its 7-inch touch screen interface.

Product Features

- **7-Inch Full Touch HD Capacitive Screen:** High-resolution display (1024*600) for clear visuals and responsive touch control.
- **Apple CarPlay & Android Auto Compatibility:** Seamless integration with your smartphone for navigation, calls, messages, and music via USB connection.
- **Bluetooth Functionality:** Hands-free calling and wireless audio streaming with a built-in microphone for clear communication.
- **Mirror Link:** Display your smartphone screen directly on the car stereo for compatible devices.
- **Front and Backup Camera Support:** Includes dual 12-LED cameras with waterproof and night vision capabilities for enhanced parking assistance.
- **High-Quality Audio:** Built-in subwoofer output, 2V Pre-Amp, and 16-band EQ sound effects for a customizable audio experience.

- **Multi-Function Connectivity:** USB/SD/Aux input, AM/FM radio, and audio/video output.

Package Contents

Please verify that all items listed below are included in your package:

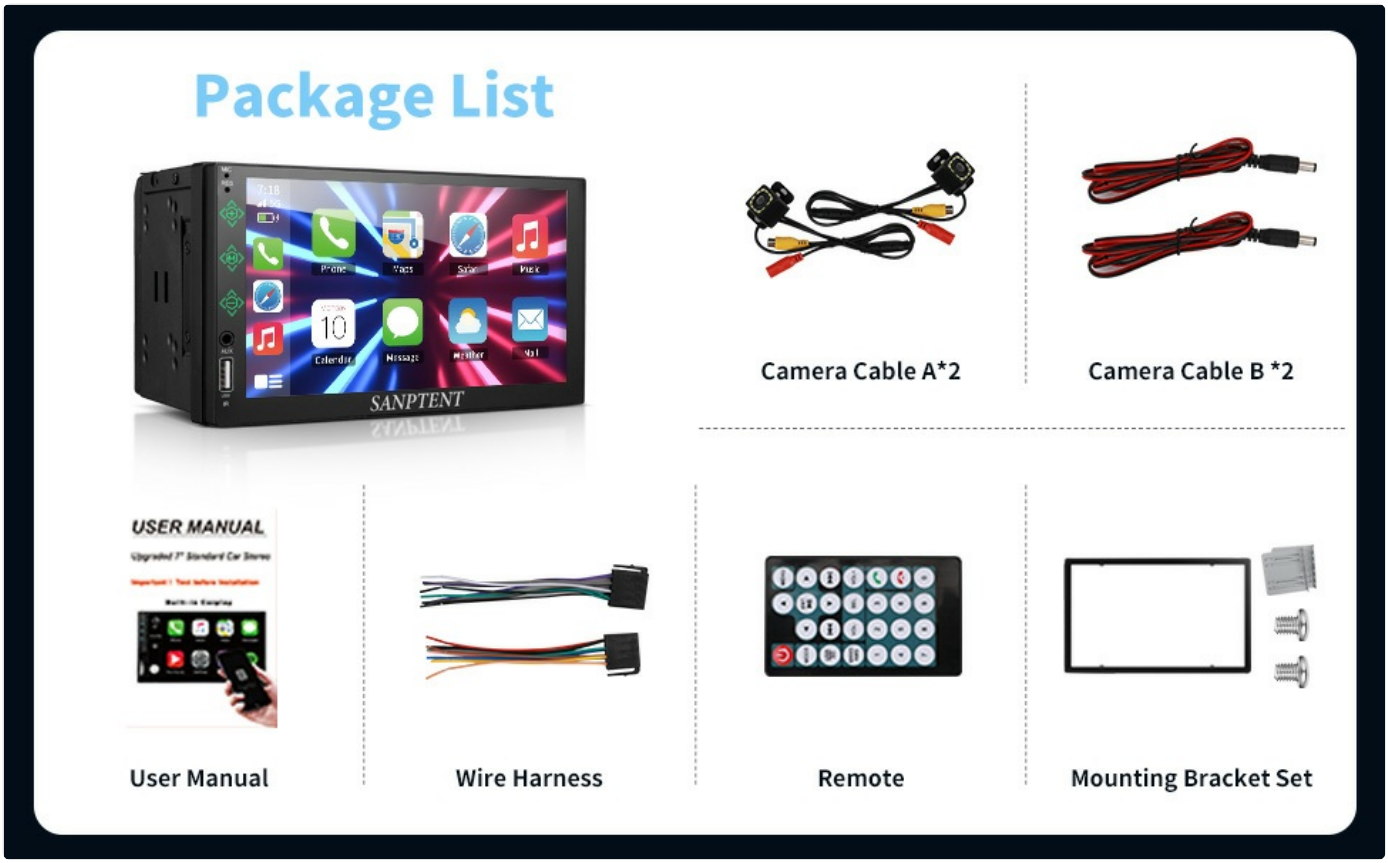


Image: An illustration detailing the contents of the product package, including the main stereo unit, camera cables, user manual, wiring harness, remote, and mounting hardware.

- SANPTENT Double Din Car Stereo Unit
- User Manual
- Wire Harness
- Remote Control
- Mounting Bracket Set
- Camera Cable A (x2)
- Camera Cable B (x2)
- Front Camera (x1)
- Backup Camera (x1)

Setup and Installation

Important: This car stereo is designed for 12V output car systems only. Ensure your vehicle's electrical system is compatible before installation. Professional installation is recommended.

Wiring Connections

Refer to the included wire harness for specific connections. Common connections include power (ACC, B+, GND), speaker outputs, antenna, and camera inputs. Ensure all connections are secure and properly insulated to prevent short circuits.

Camera Installation

The system includes both front and backup cameras. Install the backup camera at the rear of your vehicle, typically near the license plate. Connect its video output to the 'R-CAM' input on the stereo. Install the front camera at the front of your vehicle and connect its video output to the 'CVBS-IN' input.



Image: A visual guide demonstrating the placement and features of the front and rear cameras, highlighting their wide viewing angle and parking assistance capabilities.

The backup camera will automatically display its feed when the vehicle is shifted into reverse. The front camera feed can be accessed manually via the AUX IN input.

Mounting the Unit

Use the provided mounting brackets to secure the double din unit into your car's dashboard opening. Ensure a snug fit to prevent vibrations and movement.

Operating Instructions

Power On/Off

Press the power button on the unit or remote control to turn the stereo on or off. The unit will power on automatically when the vehicle's ignition is turned on.

Touch Screen Operation

The 7-inch HD capacitive touch screen allows for intuitive control. Tap icons to select functions, swipe to navigate menus, and use pinch-to-zoom gestures where applicable.



Image: A detailed view of the 1024x600 HD capacitive screen, demonstrating its superior resolution and clarity compared to standard displays.

Apple CarPlay

Connect your iPhone to the stereo's USB port using a certified USB cable. The CarPlay interface will automatically launch, allowing you to access compatible apps like Maps, Phone, Messages, and Music directly from the stereo screen.



Image: An iPhone connected to the car stereo via USB, showing the Apple CarPlay interface mirrored on the stereo's display.

Android Auto

Connect your Android phone to the stereo's USB port using a certified USB cable. The Android Auto interface will launch, providing access to navigation, communication, and entertainment apps optimized for driving.



Image: An Android smartphone connected to the car stereo, with the Android Auto interface displayed on the stereo's screen.

Bluetooth Pairing

1. Turn on Bluetooth on your smartphone.
2. On the car stereo, navigate to the Bluetooth menu.
3. Search for available devices on your phone and select 'SANPTENT' (or similar device name).
4. Confirm the pairing code if prompted.

Once paired, you can make hands-free calls and stream audio from your phone. The built-in microphone ensures clear call quality.

Mirror Link

Connect your smartphone to the stereo via USB. For full-screen display, ensure your phone's display mode is set to 'landscape'. This feature allows you to mirror your phone's screen content onto the car stereo display.



Image: A smartphone's screen content being mirrored onto the SANPTENT car stereo display via a USB connection.

AM/FM Radio

Select the Radio function from the main menu. Use the touch screen controls to scan for stations, save presets, and switch between AM and FM bands.



Image: The car stereo's interface displaying the AM/FM radio tuner, with frequency information and control buttons.

Audio Settings (EQ & Subwoofer)

Access the audio settings menu to adjust the 16-band equalizer for personalized sound. The unit features a built-in subwoofer output (2V Pre-Amp) for connecting an external subwoofer, enhancing bass response.

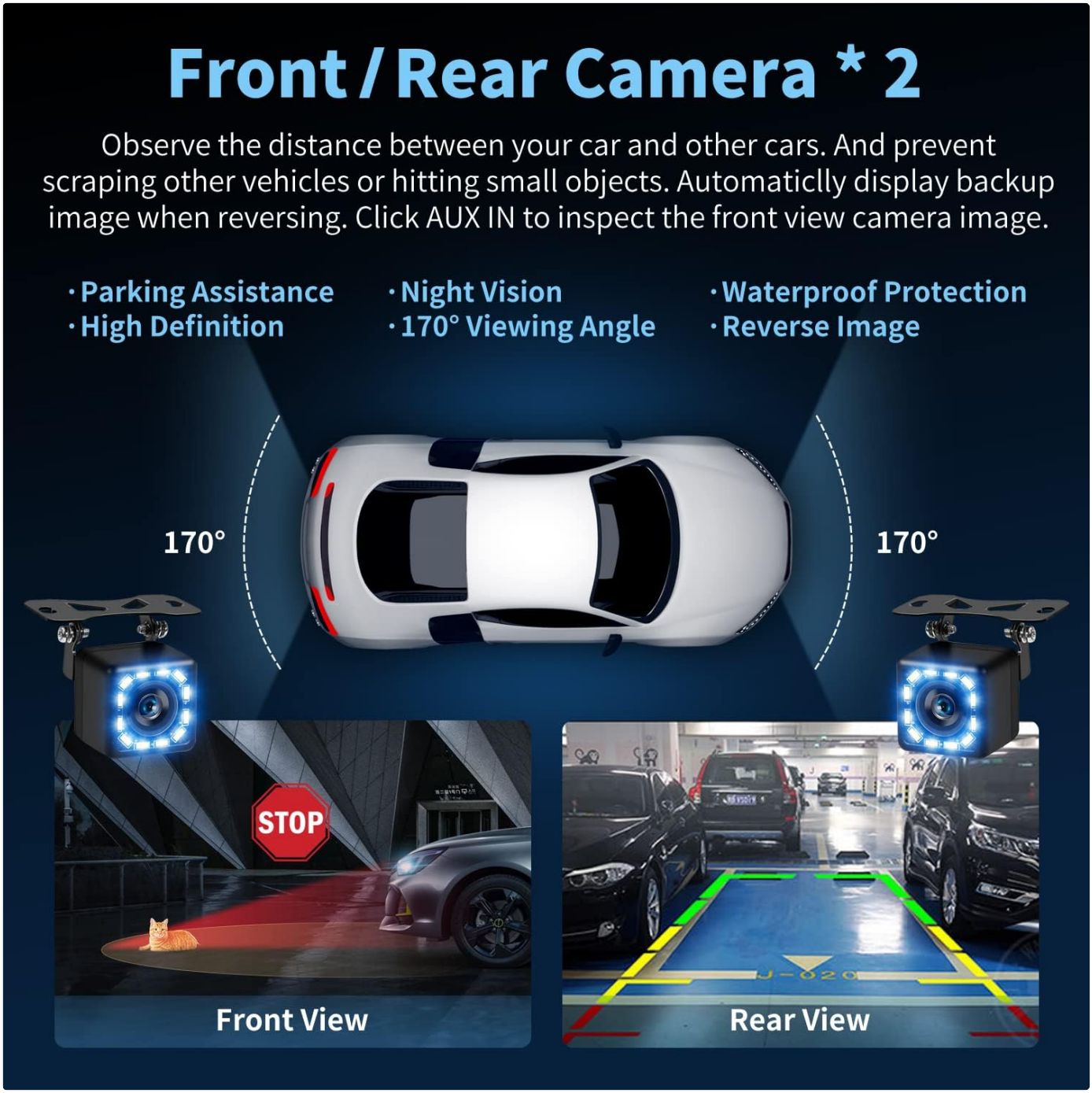


Image: A diagram illustrating the subwoofer output connections and the visual representation of the audio equalizer settings on the stereo screen.

Maintenance

To ensure the longevity and optimal performance of your SANPTENT Double Din Car Stereo, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. For stubborn smudges, slightly dampen the cloth with water. Avoid harsh chemicals or abrasive materials.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, for extended periods.
- **Connections:** Periodically check all wiring connections to ensure they are secure and free from corrosion.
- **Software Updates:** Check the manufacturer's website for any available software or firmware updates to improve performance and add new features.

Troubleshooting

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

Problem	Possible Cause	Solution
No power	Incorrect wiring; Blown fuse; Vehicle not providing 12V.	Check power connections (B+, ACC, GND). Inspect vehicle fuses. Ensure vehicle is 12V compatible.
No sound	Speaker wires disconnected; Volume too low; Mute function active; Incorrect audio source.	Verify speaker connections. Increase volume. Check if mute is on. Select correct audio source.
CarPlay/Android Auto not connecting or freezing	Faulty USB cable; Phone software issue; Stereo software issue.	Use a high-quality, certified USB cable. Restart your phone and the car stereo. Check for phone OS updates.
Touch screen unresponsive or freezing	Temporary software glitch; Overheating.	Restart the car stereo (turn vehicle off and on). Allow unit to cool if it feels hot. If persistent, contact support.
Backup camera not displaying	Camera not powered; Video cable disconnected; Reverse trigger wire not connected.	Check camera power supply. Ensure video cable is securely connected to 'R-CAM'. Verify reverse trigger wire connection.
Bluetooth not pairing	Bluetooth off on phone/stereo; Device already paired; Interference.	Ensure Bluetooth is active on both devices. Delete previous pairings and try again. Move closer to the unit.

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

Specifications

- **Brand:** SANPTENT
- **Model Number:** Double Din Car Stereo
- **Screen Size:** 7-inch
- **Screen Resolution:** 1024x600 HD Capacitive Touchscreen
- **Connectivity Technology:** Auxiliary, Bluetooth, USB
- **Controller Type:** Android, iOS
- **Special Features:** Equalizer, Touchscreen, CarPlay, Android Auto, Mirror Link, Front/Backup Camera Support, Subwoofer Output
- **Audio Output Mode:** Stereo
- **Surround Sound Channel Configuration:** 2.0
- **Number of Channels:** 4
- **Item Weight:** 2.58 pounds
- **Package Dimensions:** 8.15 x 6.34 x 5.63 inches
- **Power Requirement:** 12V DC

Warranty and Support

For any questions regarding installation, operation, or troubleshooting that are not covered in this manual, please contact

SANPTENT customer support. Refer to your purchase documentation for specific warranty terms and contact information. We are committed to providing assistance to ensure your satisfaction with the SANPTENT Double Din Car Stereo.