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› Adapter-Universe Double Din Car Stereo User Manual - 7-Inch Touchscreen with CarPlay, Android Auto, CD/DVD Player, Bluetooth, and Rear Camera

Adapter-Universe B0CN2SP9GL

Adapter-Universe Double Din Car Stereo User Manual

Model: B0CN2SP9GL - 7-Inch Touchscreen with CarPlay, Android Auto, CD/DVD Player, Bluetooth, and Rear Camera

1. INTRODUCTION

Thank you for choosing the Adapter-Universe 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 using the product to ensure optimal performance and safety.

This car stereo features a 7-inch HD touchscreen, integrated CD/DVD player, Apple CarPlay, Android Auto, Bluetooth connectivity, AM/FM radio, and support for a rear view camera. It offers multiple input options including USB, TF card, and AUX, along with advanced audio settings for a customized listening experience.



Figure 1: Adapter-Universe Double Din Car Stereo with included rear camera, microphone, and wiring.

2. SAFETY INFORMATION

To prevent injury or damage to the unit, please observe the following precautions:

- Do not operate the unit in a manner that distracts you from driving. Always prioritize road safety.
- Ensure proper wiring connections to avoid short circuits or electrical hazards. Consult a professional if unsure.
- Do not disassemble or modify the unit. This may cause damage and void the warranty.
- Keep the unit away from water and excessive moisture.
- Clean the screen and unit with a soft, dry cloth. Avoid abrasive cleaners.

3. PACKAGE CONTENTS

Please verify that all items are present in the package:

- Double Din Car Stereo Unit

- Rear View Camera
- External Microphone
- Power Cable Harness
- Camera Cable
- Disassembly Tool
- Mounting Brackets
- Screws
- Trim Ring
- User Manual (this document)

Product Size - Packing List - WIRING

Make sure you have read over the Entire Listing before purchase, especially for the size & voltage. Installation - Check and Measure Before Installation. Some cars will not fit the dashboard exactly without making adjustments. It will leave gap too. But it fits most cars, please don't worry, just measure and check the size of device to see if it can fit your car.

Not for trucks: Purchase an adapter when the voltage is greater then 12V



What other items you may need? Not included in the package.

Three aftermarket accessories to complete your installation:

- Double DIN dash kit for your car.
- Wire harness adapter(Connects car wiring to stereo wiring) for your car.
- Antenna adapter for your car.

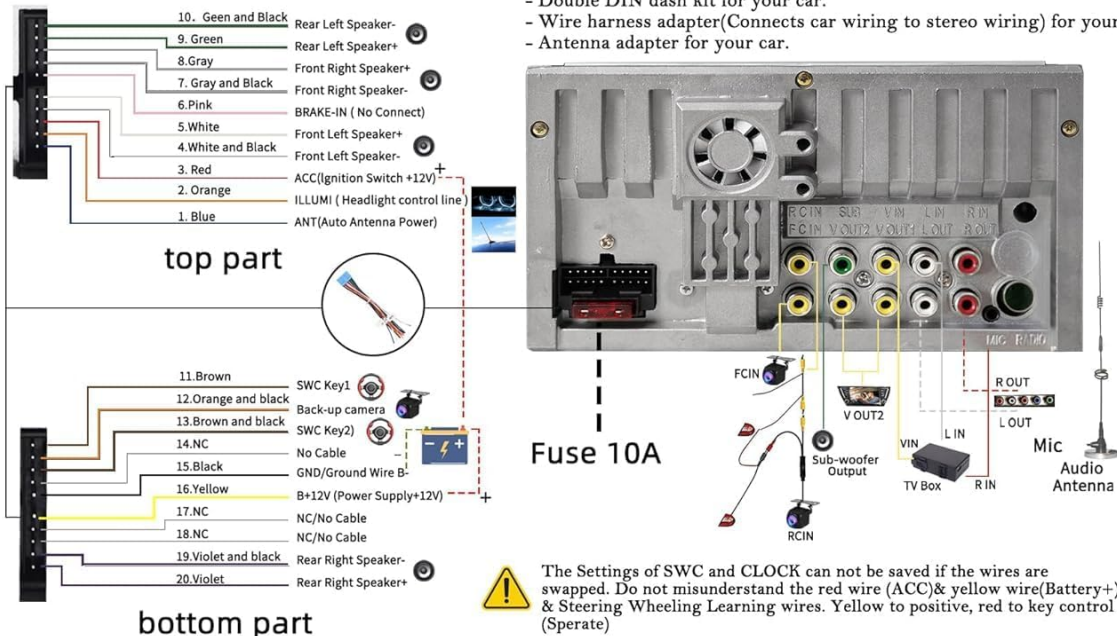


Figure 2: Overview of included components and wiring diagram.

4. SETUP AND INSTALLATION

Before installation, ensure your vehicle's dashboard opening size is compatible with the stereo unit (7.1 x 3.88 x 6.6 inches). If necessary, purchase a suitable dash kit. For trucks, ensure the power supply is 12V; if greater, a voltage

adapter is required.

4.1 Wiring Connections

Refer to the wiring diagram below and the included power cable harness for correct connections. Incorrect wiring can damage the unit or vehicle electrical system.

- **Yellow (B+):** Connect to constant 12V power supply.
- **Red (ACC):** Connect to ignition switch 12V.
- **Black (GND):** Connect to vehicle chassis ground.
- **Orange (ILLUM):** Connect to headlight control line (illumination).
- **Blue (ANT):** Connect to auto antenna power (if applicable).
- **Brown (SWC Key1), Green/White (SWC Key2):** Connect to steering wheel control wires (if applicable).
- **Pink (Back-up camera):** Connect to reverse light trigger.
- **Speaker Wires:** Connect to corresponding vehicle speaker wires (Front Right, Front Left, Rear Right, Rear Left).
- **RCA Connections:** For audio output/input, video output/input, and subwoofer output.



Figure 3: Detailed wiring diagram for the car stereo and accessories.

4.2 Mounting the Unit

1. Carefully remove the existing car stereo from your dashboard using the disassembly tool.
2. Connect all necessary wiring harnesses to the new stereo unit.
3. Attach the mounting brackets to the sides of the stereo unit.
4. Slide the unit into the dashboard opening until it is securely in place.
5. Secure the unit with screws.
6. Install the trim ring around the unit for a finished look.

5. OPERATING INSTRUCTIONS

5.1 Basic Controls

The unit features a 7-inch HD touchscreen and physical buttons/knobs for intuitive control.

- **Power Button:** Press to turn the unit on/off.
- **Volume Knob:** Rotate to adjust volume. Press to mute/unmute.
- **Menu Button:** Access main menu or settings.
- **Band Button:** Switch between radio bands (FM1, FM2, FM3, AM1, AM2).
- **AUX Input:** Connect external audio devices via 3.5mm jack.
- **USB Port:** Connect USB flash drives for media playback or smartphone connection.
- **TF Card Slot:** Insert TF (MicroSD) cards for media playback.



Figure 4: Main control knob and buttons.

5.2 Apple CarPlay & Android Auto

Connect your iPhone or Android smartphone via a USB cable to access CarPlay or Android Auto features directly on the stereo's 7-inch HD touchscreen.

- **Connection:** Use your phone's original USB cable to connect to the stereo's USB port.
- **Features:** Access phone calls, navigation (Maps), text messages, music, podcasts, and audiobooks.
- **Voice Control:** Activate Siri (for CarPlay) or Google Assistant (for Android Auto) for hands-free operation.

iOS CarPlay & Android Auto

Connect your smartphone to the 7" car stereo radio CD/DVD player with the original USB cable to make phone calls, map navigation, play music and more...



"Hey Siri, play music."
"Hey Siri, call John."



"Hi Google, navigate me home."
"Hi Google, message Jamie."



Figure 5: Apple CarPlay and Android Auto in operation.

7 Inches Universal Double Din Car Stereo

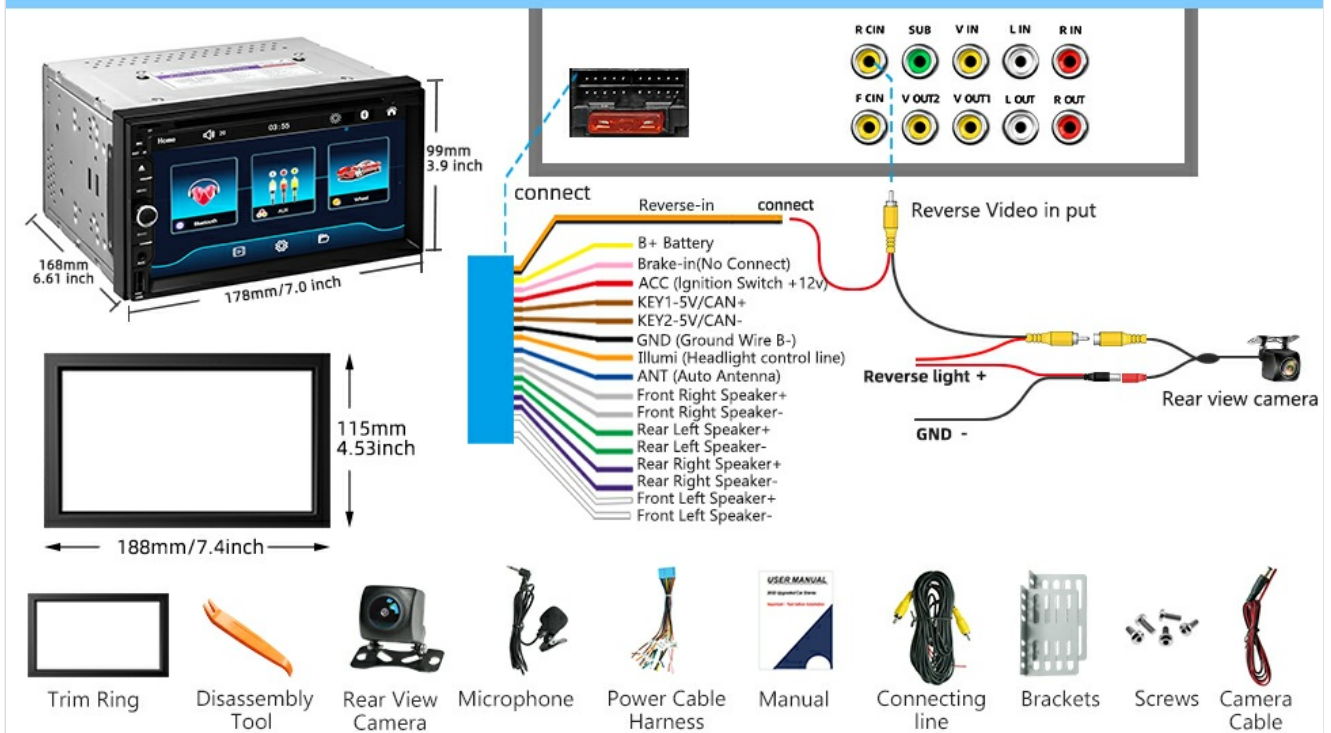


Figure 6: Wired connection for CarPlay and Android Auto.

5.3 CD/DVD Player

The integrated CD/DVD player supports playback of various disc formats.

- **Inserting a Disc:** Gently insert a CD or DVD into the disc slot with the label side facing up. The unit will automatically load the disc.
- **Ejecting a Disc:** Press the Eject button (usually labeled with an upward arrow icon) to remove the disc.
- **Playback:** The unit will automatically switch to CD/DVD mode and begin playback. Use the touchscreen controls for play, pause, skip, and other functions.



Figure 7: CD/DVD player in use.

5.4 Mirror Link Function

The Mirror Link function allows you to display your smartphone's screen content directly on the car stereo's display.

- **Connection:** Connect your iOS or Android phone to the stereo via a USB cable.
- **Activation:** Select the 'Mirror Link' option on the stereo's menu. Follow any on-screen prompts on your phone.

to allow screen mirroring.

- **Usage:** Once connected, your phone's display will be mirrored. You can operate apps from your phone on the stereo's touchscreen.



Figure 8: Mirror Link function displaying navigation from a smartphone.

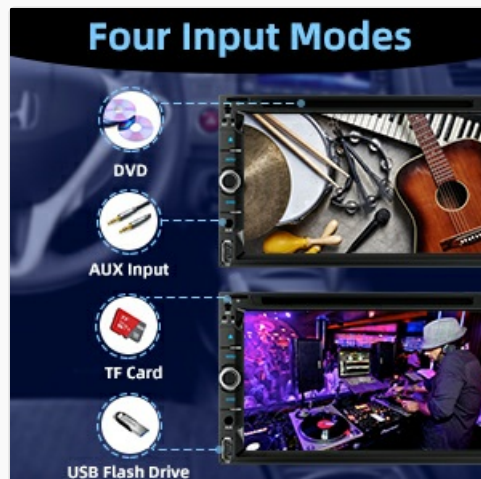


Figure 9: Mirror Link function interface.

5.5 Bluetooth Connectivity

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

- **Pairing:** Enable Bluetooth on your smartphone and search for available devices. Select 'Adapter-Universe' (or similar name) from the list. Confirm pairing on both devices.
- **Hands-Free Calling:** Answer/make calls directly from the stereo. The external microphone ensures clear voice transmission.
- **Audio Streaming:** Play music and control apps like Spotify/Pandora from your phone through the car stereo.



Figure 10: Bluetooth hands-free calling in progress.



Figure 11: Bluetooth 5.1 hands-free feature.

5.6 Rear View Camera

The included rear view camera provides a clear view of the area behind your vehicle, enhancing parking safety.

- **Automatic Display:** When the vehicle shifts into reverse, the stereo automatically displays the rear camera feed.
- **Features:** HD night vision, 170° ultra-wide viewing angle, and waterproof design.

Rear View Camera

A gift for you. A backup camera is included in package.
Easy to install and safe for parking.

The image shows a car's rear view camera feed on a screen. The feed displays a white car on a road with yellow and red parking assistance lines. To the right of the screen are four feature icons: 'HD' (High Definition), 'Night Vision' (moon icon), 'Wide Angle 170°' (eye icon), and 'Waterproof Protection' (umbrella icon). The background shows the rear of a dark car with a camera lens icon overlaid on the trunk.

Steering Wheel Control

Support the original steering wheel control functions. Easy to switch songs, radio channels, and adjust the sound volume, which is more convenient for operation and safer for driving.

The image shows a hand on a steering wheel with blue-lit controls. To the right is a touch screen displaying a music interface with various icons for home, volume, power, play/pause, skip, and search. The screen also shows the time 09:43 and a settings gear icon.

Figure 12: Rear view camera display with parking assistance lines.

Rear View Function

The image shows a car's rear view camera feed on a screen. The feed displays a white car on a road with yellow and red parking assistance lines. Above the screen is a camera lens icon overlaid on the rear of a car.

Figure 13: Rear view function interface.

5.7 AM/FM Radio

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

- **Tuning:** Use the touchscreen to manually tune or scan for stations.
- **Presets:** Save your preferred stations for quick access.



Figure 14: AM/FM Radio interface.

5.8 Steering Wheel Control (SWC)

The unit supports original steering wheel control functions for convenient operation while driving.

- **Functionality:** Control volume, switch songs, and change radio channels directly from your steering wheel buttons.
- **Setup:** Refer to your vehicle's manual and the stereo's settings for SWC configuration.



Figure 15: Steering Wheel Control interface.

5.9 Audio Settings (DSP & EQ)

Customize your audio experience with the built-in Digital Sound Processor (DSP) and Equalizer (EQ).

- **DSP Features:** Adjust Vbass, Balance, Emperor, EQ, Loudness, and Filter settings.
- **30-Band EQ:** Fine-tune audio frequencies to match your preferences and vehicle acoustics.

Excellent Sound Quality-DSP

Can be adjusted according to different needs for sound quality, enjoy a wonderful journey.

Vbass Balance Emperor EQ Loudness Filter



Figure 16: DSP audio settings interface.



Figure 17: 30-Band EQ setting interface.

5.10 Input Modes

The stereo supports multiple input sources for media playback.

- **DVD:** Play audio and video from CDs and DVDs.
- **AUX Input:** Connect external audio devices (e.g., MP3 players) via a 3.5mm audio cable.
- **TF Card:** Insert a TF (MicroSD) card (up to 32GB) for music and video playback.

- **USB Flash Drive:** Connect a USB flash drive for music and video playback.



Figure 18: Available input modes.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your car stereo.

- **Cleaning the Screen:** 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.
- **Cleaning the Unit:** Wipe the exterior of the unit with a dry, soft cloth. Do not allow liquids to enter the unit.
- **Disc Care:** Handle CDs and DVDs by their edges. Keep them clean and free of scratches. Store discs in their cases when not in use.
- **Software Updates:** Periodically check the manufacturer's website for any available firmware updates to improve performance and add new features.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring (B+ or ACC), blown fuse, vehicle battery issue.	Check power and ignition wire connections. Inspect vehicle fuses. Ensure battery is charged.
No sound or poor sound quality.	Incorrect speaker wiring, volume too low, EQ settings, amplifier issue.	Verify speaker connections. Adjust volume and EQ settings. Check external amplifier if used.
CD/DVD disc does not eject.	Disc jammed, mechanism fault.	Gently try to remove the disc. If persistent, contact support.
Bluetooth connection issues.	Phone not in pairing mode, stereo Bluetooth off, interference.	Ensure phone Bluetooth is on and discoverable. Restart both devices. Clear previous pairings.
Rear camera image is upside down.	Camera installed inverted, camera settings.	Check camera orientation. Some cameras have a flip setting.
CarPlay/Android Auto not connecting.	Faulty USB cable, phone software issue, incorrect settings.	Use original USB cable. Ensure phone OS is updated. Check stereo settings for CarPlay/Android Auto.

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

8. SPECIFICATIONS

Feature	Specification
Brand	Adapter-Universe
Model	B0CN2SP9GL
Product Dimensions	7.1 x 3.88 x 6.6 inches
Item Weight	4.33 pounds
Screen Size	7 inches (18 cm)
Display Resolution	1280x720 HD Touch Screen
Connectivity Technology	Bluetooth, USB, TF Card, AUX, RCA
Bluetooth Version	5.1 (for hands-free calling)
Special Features	Apple CarPlay, Android Auto, Built-In Bluetooth, CD/DVD Player, Mirror Link, Rear View Backup Camera, Voice Control, DSP, 30-Band EQ
Compatible Devices	Smartphone
Audio Output Mode	Stereo
Control Method	Touch
Manufacturer	Adapter-Universe
Date First Available	November 10, 2023

9. WARRANTY AND SUPPORT

Adapter-Universe is committed to providing quality products and customer satisfaction.

- **Warranty:** This product comes with a 12-month warranty covering quality-related issues and functional defects from the date of purchase.
- **Technical Support:** We offer 24/7 after-sales technical support to assist you with any installation or operation problems.
- **Contact Support:** For assistance, please email us at sallinshengus@163.com.



Figure 19: Customer service contact information.

If you are unsure if this car radio will work with your car, please provide your car model and a picture of your car's center console to customer service for further confirmation and suggestions.