

[Manuals.plus](#) /

> [MAHVEC](#) /

> MAHVEC Android 13 Car Stereo User Manual for Dodge RAM, Jeep Wrangler, and Jeep Grand Cherokee (6.86-inch IPS Touchscreen)

MAHVEC Android 13 Car Stereo 6.86 inch

MAHVEC Android 13 Car Stereo User Manual

Model: Android 13 Car Stereo 6.86 inch

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your MAHVEC Android 13 Car Stereo. Please read this manual thoroughly before using the product to ensure proper function and safety.

This car stereo is designed for specific vehicle models including Dodge RAM (2002-2006), Jeep Wrangler (2003-2006), and Jeep Grand Cherokee (1999-2004).

Key features include a 6.86-inch IPS touchscreen, Android 13 operating system, 2GB RAM + 64GB ROM, Wireless CarPlay, Android Auto, Bluetooth, built-in GPS, Wi-Fi connectivity, DSP EQ, and support for steering wheel controls and AHD backup cameras.

COMPATIBLE VEHICLE MODELS

This MAHVEC car stereo is compatible with the following vehicle models:

- **For Jeep:** Grand Cherokee (1999-2004), Wrangler (2003-2006), Liberty (2002-2007)
- **For Chrysler:** 300M (2002-2004), Town&Country (2004-2007), PT Cruiser (2003-2005), Sebring Sedan (2002-2006), Concorde (2002-2004), Grand Voyager (2001-2003)
- **For Dodge:** RAM (2002-2006), 1500/2500/3500 Pickup (2004-2005)

6.8 inch Car Radio for Jeep & Dodge Ram & Chrysler



For Jeep

Jeep Grand Cherokee-1999 - 2004;
Jeep Wrangler--2003 2004 2005 2006;
Jeep Liberty-2002 2003 2004 2005 2006 2007

For Chrysler

Chrysler PT Cruiser-2003 2004 2005;
Chrysler Sebring-2002 2003 2004 2005 2006;
Chrysler Concorde-2002 2003 2004;
Chrysler Town Country-2004 2005 2006 2007;
Chrysler Grand Voyager-2001 2002 2003

For Dodge

Dodge RAM-2002 2003 2004 2005 2006;
Dodge 1500/2500/3500 Pickup Truck-2004 2005;
Dodge Dakota-2002 2003 2004;
Dodge Neon-2004 2005;
Dodge Stratus-2004 2005 2006;
Dodge Intrepid-2002 2003 2004;
Dodge Caravan-2004 2005 2006 2007;
Dodge Viper-2005 2006;
Dodge Durango-2002 2003

Image: Front view of the MAHVEC car stereo display, illustrating the wide range of compatible Jeep, Dodge, and Chrysler vehicle models.

WHAT'S IN THE BOX

The MAHVEC Android 13 Car Stereo package includes the following components:

- Android Car Stereo & Frame

- AHD Backup Camera
- External Microphone
- USB Cable (x2)
- Rear Camera Input Cable
- RCA Cable
- Power Cable (x2, specific to vehicle model)
- GPS Antenna
- Antenna Adapter
- User Manual

Detail list



USB Cable



Rear Camera Input Cable



RCA Cable



User Manual



Rear Camera



MIC



Power Cable



Power Cable



Antenna Adapter

SETUP AND INSTALLATION

1. Wiring Schematic

Carefully connect all cables according to the wiring diagram. Ensure secure connections to prevent malfunctions.

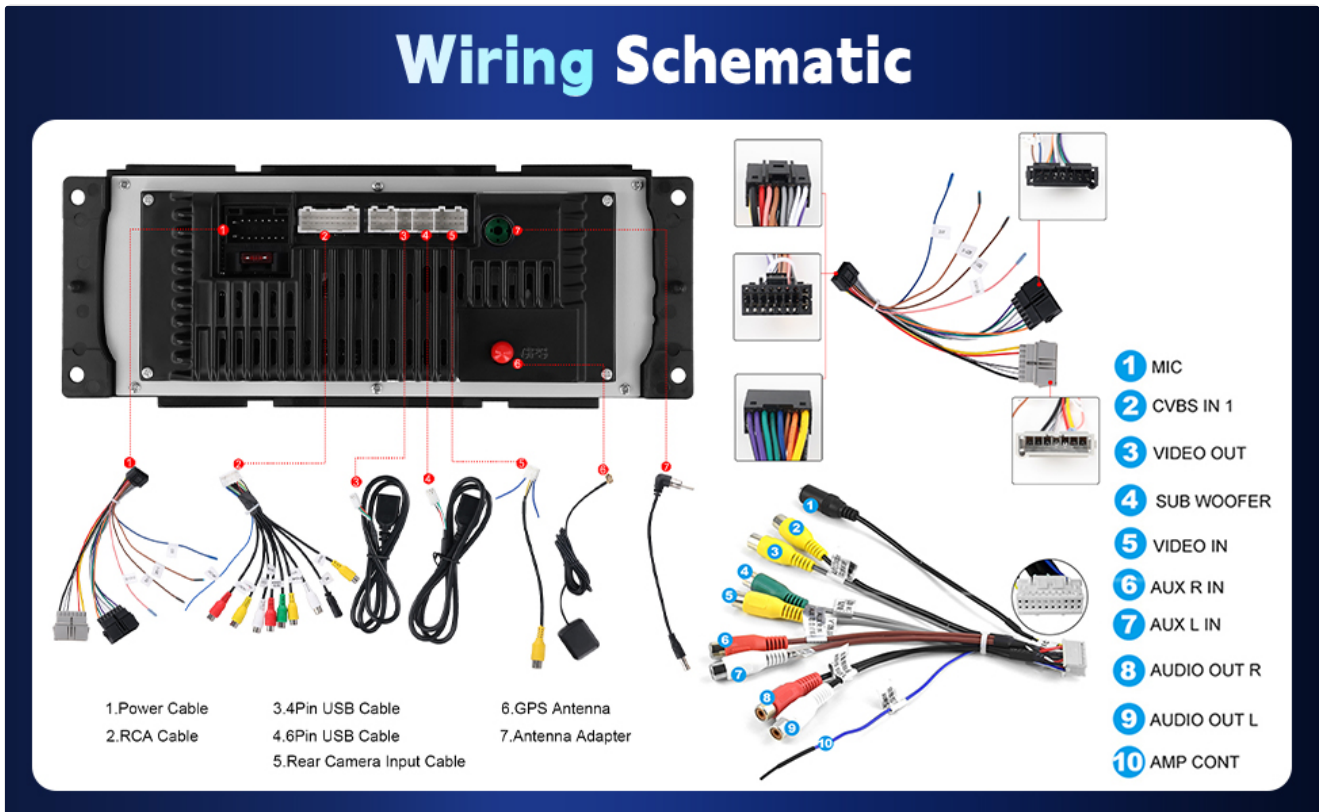


Image: Comprehensive wiring diagram showing connections for power, USB, RCA, camera input, GPS antenna, and other audio/video components.

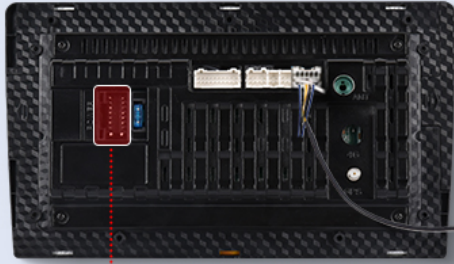
2. Backup Camera Wiring

Connect the AHD backup camera as follows:

1. Connect the **Red Cable ① and ③** to the positive of the car's reverse light power supply.
2. Connect the **Black Cable ②** to the negative of the car's reverse light power supply.
3. Connect the **Black Cable ④** to the reverse trigger wire on the power harness.

After connection, enter settings: **Factory Setup (000000) > Backcar Source Settings > AHD**

Backup Camera Wiring



After the connection, the nine-palace screen appears
Enter settings-factory set up(000000)-backcar source
settings-AHD.

Red Cable ① and ③

Connect to the positive of the car's reverse light power supply

Black Cable ②

Connect to the negative of the car's reverse light power supply

Black Cable ④

Connect to reverse trigger wire on power harness

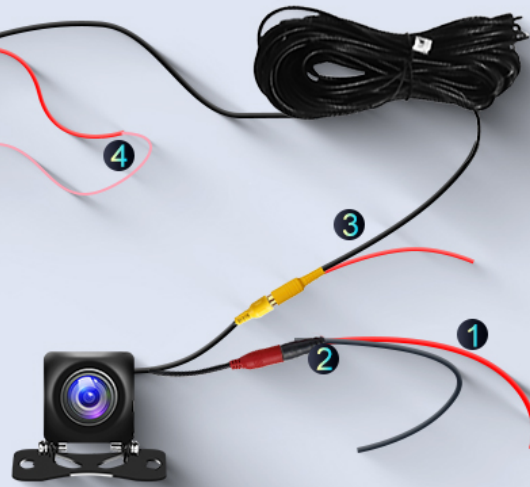


Image: Step-by-step diagram detailing how to connect the AHD backup camera to the car stereo and vehicle's power system.

3. Bluetooth Connection

To connect your smartphone via Bluetooth for hands-free calling and music streaming:

1. On the car stereo, navigate to the Bluetooth interface.
2. On your smartphone, enable Bluetooth and search for available devices.
3. Select the car stereo's Bluetooth name (e.g., "CarBT") from your phone's list.
4. Enter the PIN code (default: 0000) if prompted.
5. Confirm the pairing request on both devices.

Your browser does not support the video tag.

Video: Demonstrates the process of connecting a smartphone to the car stereo via Bluetooth for seamless communication and audio streaming.



Image: Screenshot of the car stereo's Bluetooth interface, showing options for pairing devices and managing connections.

4. Wi-Fi Connection

To enable Wi-Fi connectivity for online services and app downloads:

1. Go to **Settings > Network** on the car stereo.
2. Turn on Wi-Fi. The stereo will scan for available networks.
3. Select your desired Wi-Fi network and enter the password if required.
4. Once connected, you can access online features like Google Maps, YouTube, and the Play Store.

5. Wireless CarPlay & Android Auto

The stereo supports both Wireless CarPlay and Android Auto for seamless smartphone integration.

1. Ensure your smartphone is connected to the car stereo via Bluetooth (see Bluetooth Connection section).
2. Open the CarPlay or Android Auto application on the car stereo.
3. Follow the on-screen prompts to complete the connection.
4. Your phone's compatible apps, navigation, music, and calls will be accessible directly on the car stereo's display.

Carplay & Android Auto & Mirror Link



Image: The car stereo interface demonstrating Wireless CarPlay, Android Auto, and Mirror Link capabilities with various app icons.

Your browser does not support the video tag.

Video: A step-by-step guide on how to connect Bluetooth, CarPlay, and Wi-Fi to the car stereo.

6.8 inch Car Radio for Jeep & Dodge Ram & Chrysler



Image: Visual guide illustrating the connection steps for both Wireless CarPlay and Android Auto.

OPERATING INSTRUCTIONS

1. Basic Navigation

The car stereo features an intuitive Android 13 interface. Swipe left or right on the home screen to access different app pages. Tap on app icons to launch applications.

Your browser does not support the video tag.

Video: Demonstrates the basic operation and navigation of the car stereo's Android interface, including app selection and settings access.

2. Radio (FM/RDS)

Access the Radio application to listen to FM stations. The RDS (Radio Data System) feature provides additional information like station name and song title where available.

- Tap the "Radio" icon to open the application.
- Use the frequency tuner to manually select stations or use the scan function to find available stations.
- Save your favorite stations for quick access.



Image: The car stereo's FM/RDS radio interface, displaying frequency tuning and station presets.

3. Audio Settings (DSP EQ)

Customize your audio experience with the built-in DSP EQ. You can select from preset equalizer curves (Pop, Rock, Jazz, Classical, User) or manually adjust the 8-band equalizer to fine-tune the sound.

- Tap the "EQ" icon or navigate to Audio Settings.
- Choose a preset or adjust individual frequency bands.
- Utilize the sound field settings to optimize audio output for different seating positions.



Image: The car stereo's DSP EQ interface, showing adjustable frequency bands and sound field controls.

4. GPS Navigation

The car stereo features a built-in GPS chip supporting GPS, GLONASS, and SBAS. Connect to Wi-Fi to download online maps or update offline map data. You can install various navigation apps from the Play Store.

- Tap the "Maps" or "Navigation" icon to launch your preferred navigation application.
- Enter your destination and follow the voice-guided directions.



Image: The car stereo displaying a GPS navigation map, indicating routes and points of interest.

Your browser does not support the video tag.

Video: A demonstration of how to start and use the car stereo's navigation system.

5. Steering Wheel Controls (SWC)

The car stereo supports existing steering wheel controls, allowing you to operate key functions without taking your hands off the wheel. This enhances driving safety.

- Navigate to **Settings > Car Settings > SWC** to configure your steering wheel buttons.
- Follow the on-screen instructions to map each button to its corresponding function (e.g., volume up/down, track skip, mode).



Image: The interface for configuring steering wheel controls, allowing users to assign functions to physical buttons.

6. User Interface (UI) Themes

The car stereo offers 26 user interface themes to personalize your experience. You can easily switch between different themes to match your preference.

- Navigate to **Settings > Theme** to browse and select different UI themes.
- Tap on a theme to preview and apply it.



Image: A collage of various user interface themes available on the car stereo, showcasing different layouts and color schemes.

MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the IPS touchscreen. Avoid abrasive cleaners or harsh chemicals.
- **Software Updates:** Periodically check for software updates via the Wi-Fi connection to ensure optimal

performance and access to new features.

- **System Reset:** If the system becomes unresponsive, you may perform a soft reset by pressing the reset button (if available) or a factory reset through the settings menu (note: this will erase all user data).

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Incorrect wiring, blown fuse.	Check power connections and vehicle fuses. Ensure proper grounding.
No Sound	Volume too low, incorrect audio settings, speaker wiring issues.	Increase volume, check EQ/sound field settings, verify speaker connections.
Bluetooth/CarPlay/Android Auto not connecting	Bluetooth not enabled, incorrect pairing, app not launched.	Ensure Bluetooth is on on both devices, re-pair, launch the respective app on the stereo.
GPS signal weak/lost	GPS antenna not properly installed or obstructed.	Ensure GPS antenna is securely connected and has a clear view of the sky.
Backup camera not displaying	Incorrect camera wiring, wrong video input selected in settings.	Check camera power and video connections. Verify "Backcar Source Settings" are correct.

SPECIFICATIONS

- **Operating System:** Android 13
- **RAM:** 2GB
- **ROM:** 64GB
- **Display Size:** 6.86 Inches IPS Touchscreen
- **Connectivity:** Bluetooth, USB, Wi-Fi
- **Special Features:** Wireless CarPlay/Android Auto, DSP Hi-Res Audio, Touchscreen, Built-in GPS, Steering Wheel Control (SWC), RDS FM Radio, AHD Backup Camera support
- **Item Weight:** 2.31 pounds
- **Package Dimensions:** 12.91 x 9.8 x 4.02 inches

WARRANTY

This MAHVEC car stereo comes with a 3-year warranty. For warranty claims or service, please contact MAHVEC customer support with your purchase details.

SUPPORT

For any questions regarding installation, operation, or troubleshooting, please refer to the contact information provided in your product packaging or visit the MAHVEC store on Amazon. Our customer service team is available to assist you.

You can also find additional support resources and FAQs on the MAHVEC brand store page [MAHVEC Store](#)