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Adapter-Universe RM

Adapter-Universe Android 13 Car Stereo User Manual for Jeep Compass Patriot (2010-2016)

Model: RM

Overview Setup Operating Instructions Maintenance Troubleshooting Specifications Warranty Support

1. Product Overview

This manual provides detailed instructions for the Adapter-Universe Android 13 Car Stereo, model RM, designed specifically for Jeep Compass and Patriot vehicles manufactured between 2010 and 2016. This system features a 10.1-inch IPS touchscreen, 4GB RAM, 64GB ROM, and supports wireless CarPlay and Android Auto. It integrates GPS navigation, WiFi connectivity, Bluetooth, and FM radio functionalities to enhance your driving experience.



Image 1.1: Comparison of the dashboard before and after installing the Adapter-Universe car stereo, showing improved aesthetics and functionality.

2. Installation and Setup

2.1. Package Contents

Before beginning installation, ensure all components are present in the package:

- Car Stereo Unit (10.1-inch IPS Touchscreen)
- Power Cable
- RCA Cable
- USB Cable
- Microphone
- GPS Antenna
- Backup Camera & Camera Cable
- User Manual



Image 2.1: Detailed view of the car stereo unit with its dimensions and a list of all included accessories for installation.

2.2. Pre-Installation Checks

- Verify vehicle compatibility: This unit is designed for Jeep Compass and Patriot models from 2010-2016.
- Disconnect the vehicle's battery before starting any electrical work.
- Refer to your vehicle's service manual for specific dashboard removal instructions.

2.3. Wiring Connections

Connect the provided cables according to the wiring diagram in the included user manual. Key connections include:

- **Power Cable:** Connect to the vehicle's power harness.
- **RCA Cables:** For audio output to external amplifiers or video input/output.
- **USB Cables:** For connecting USB devices or for wired CarPlay/Android Auto.
- **GPS Antenna:** Mount in a location with a clear view of the sky for optimal signal reception.
- **Backup Camera:** Connect the camera cable to the reversing input. Ensure the camera receives power and is properly grounded.
- **Microphone:** Connect the external microphone for improved call quality.

After all connections are made, secure the unit in the dashboard and reassemble the vehicle's interior components.

3. Operating Instructions

3.1. Initial Power On and System Overview

Upon first power-on, the system will boot into the Android 13 interface. The 10.1-inch IPS HD touchscreen offers high sensitivity and a wide viewing angle. The system features 4GB RAM and 64GB ROM for smooth operation and ample storage for applications.

3.2. Wireless CarPlay & Android Auto

Connect your iOS or Android smartphone wirelessly to access CarPlay or Android Auto. This allows for voice control, navigation, music playback, and hands-free communication directly through the car stereo.

- **To connect:** Enable Bluetooth and Wi-Fi on your smartphone. On the car stereo, navigate to the CarPlay/Android Auto application and follow the on-screen pairing instructions.
- **Functions:** Access maps (e.g., Google Maps, Waze), make calls using your smart voice assistant, play music, and more.



Image 3.1: Display demonstrating the functionality of Wireless CarPlay, Android Auto, and Mirror Link on the car stereo.

3.3. GPS Navigation & WiFi Connectivity

The unit supports both offline and online navigation. An offline map file is pre-installed, and the GPS antenna ensures accurate positioning. For online navigation and other internet-dependent applications, connect the stereo to a WiFi network or your phone's hotspot.

- **WiFi Connection:** Go to Settings > Network & Internet > Wi-Fi to connect to an available network.
- **Online Apps:** Once connected, you can download and use various Android applications from the Application Store, including streaming services and social media.



Image 3.2: The car stereo demonstrating WiFi connectivity for online applications and GPS navigation.

3.4. Backup Camera & Steering Wheel Control

- **Backup Camera:** When the vehicle is shifted into reverse, the screen automatically displays the rear view from the included 170° wide-angle, night vision, waterproof backup camera.
- **Steering Wheel Control (SWC):** The stereo integrates with your vehicle's original steering wheel controls, allowing you to manage audio functions and other settings safely without taking your hands off the wheel.



Image 3.3: Visual representation of the backup camera functionality and integrated steering wheel controls.

3.5. Bluetooth & FM Radio

- **Bluetooth 5.2:** Supports hands-free calling and music streaming. Pair your phone via Bluetooth settings. The built-in microphone and support for an external microphone ensure clear communication.
- **FM/RDS Radio:** Access your favorite FM radio stations. The Radio Data System (RDS) provides additional information like station name and song title where available.

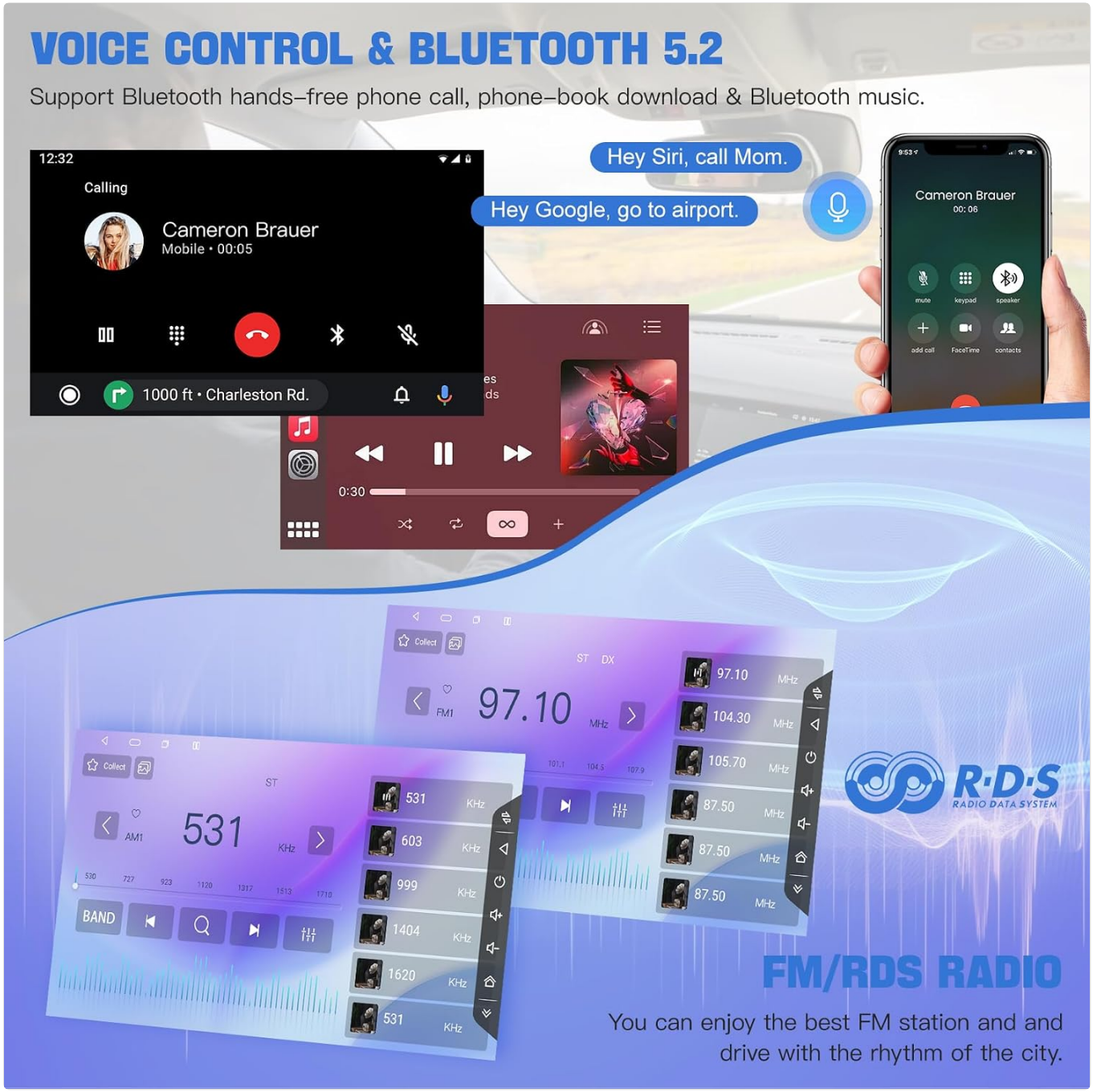


Image 3.4: Bluetooth call management with voice control and FM/RDS radio interface.

3.6. DSP & EQ Settings and Split-Screen Mode

- **DSP & EQ Settings:** Customize your audio experience with multiple Digital Sound Processor (DSP) and Equalizer (EQ) settings. Adjust frequency bands, balance, and fade to optimize sound output.
- **Split-Screen Mode:** Run two applications simultaneously on the 10.1-inch screen. For example, use navigation on one side while controlling music or viewing contacts on the other.



Image 3.5: DSP and EQ settings for audio customization and details on the QLED touchscreen display.

4. Maintenance

- **Screen Cleaning:** Use a soft, lint-free cloth to clean the touchscreen. For stubborn marks, lightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check for system software updates via the settings menu. Updates can improve performance, add new features, and fix bugs. Ensure a stable internet connection during updates.
- **General Care:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods. Ensure all connections remain secure.

5. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse.	Check power cable connections. Inspect and replace vehicle fuses if necessary.
No Sound	Volume too low, incorrect audio source, loose speaker wires.	Increase volume. Verify correct audio source is selected. Check speaker wire connections.
GPS Signal Lost/Inaccurate	GPS antenna obstructed or improperly installed.	Ensure GPS antenna has a clear view of the sky. Check antenna connection to the unit.
Backup Camera Not Working	Loose camera cable, faulty camera, incorrect wiring for reverse trigger.	Verify the camera cable is securely connected to the "Reversing input". Check power and ground connections for the camera. Ensure the reverse trigger wire is correctly connected to the vehicle's reverse light circuit.
CarPlay/Android Auto Not Connecting	Bluetooth/Wi-Fi off on phone, incorrect pairing process, software glitch.	Ensure Bluetooth and Wi-Fi are enabled on your phone. Restart both phone and car stereo. Re-attempt pairing process.
Steering Wheel Controls Not Responding	Incorrect wiring, SWC settings not configured.	Check SWC wiring connections. Access the SWC learning function in the stereo's settings and program the buttons.

6. Product Specifications

Feature	Detail
Brand	Adapter-Universe
Model Name	RM
Operating System	Android 13
Memory (RAM + ROM)	4GB RAM + 64GB ROM
Screen Size	10.1 inches (10.2 inches listed in some specs)
Display Type	IPS HD Touch Screen (Capacitive)
Resolution	1280*720
Connectivity	Bluetooth 5.2, WiFi, USB
Special Features	Wireless CarPlay & Android Auto, GPS Navigation, DSP & EQ Settings, FM Radio, HD Backup Camera, Steering Wheel Control, Voice Control, Split-Screen Mode
Compatible Vehicle Type	Jeep Compass Patriot (2010-2016)
Included Components	Back-up Camera & Camera cable, RCA Cable & Power Cable, USB Cable & Microphone
Item Weight	2.02 kg

7. Warranty Information

This Adapter-Universe car stereo comes with a **2-Year Warranty** from the manufacturer. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.
Extended protection plans may be available for purchase separately. Refer to the product listing or contact your retailer for details on available 2-Year or 3-Year protection plans.

8. Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Adapter-Universe customer support. The brand is committed to providing exceptional experiences with 24/7 support.
You can typically find contact information on the manufacturer's website or through the retailer where the product was purchased.

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