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ANKEWAY AW1003-RDS

ANKEWAY 7-Inch Android 10.1 Car Stereo System

Model: AW1003-RDS | Brand: ANKEWAY

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your ANKEWAY 7-Inch Android 10.1 Car Stereo System. This advanced multimedia system features a 7-inch 1080P HD touchscreen, built-in HiFi audio, Wi-Fi, Bluetooth, RDS/FM/AM radio, and GPS navigation capabilities. It is designed to enhance your in-car entertainment and connectivity experience.

Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** Due to the complexity of car electrical systems, it is highly recommended to have this product installed by a qualified professional electrician. Incorrect wiring can cause damage to the device or your vehicle.
- **Power Supply:** This unit operates on a DC-12V power supply. Ensure your vehicle's electrical system is compatible.
- **Driving Safety:** Do not operate the device or view videos that may distract you while driving. Always prioritize road safety.
- **Temperature Extremes:** Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cleaning:** Use a soft, dry cloth for cleaning the screen and unit. Avoid abrasive cleaners or solvents.

3. WHAT'S IN THE BOX

Verify that all components are present in the package:

- 1 x ANKEWAY Car Stereo Unit
- 1 x Backup Camera
- 1 x GPS Antenna
- 1 x User Manual (this document)
- 1 x External Microphone
- 2 x USB Adapter Cable

- 2 x Installation Bracket
- 5 x Wiring Kit

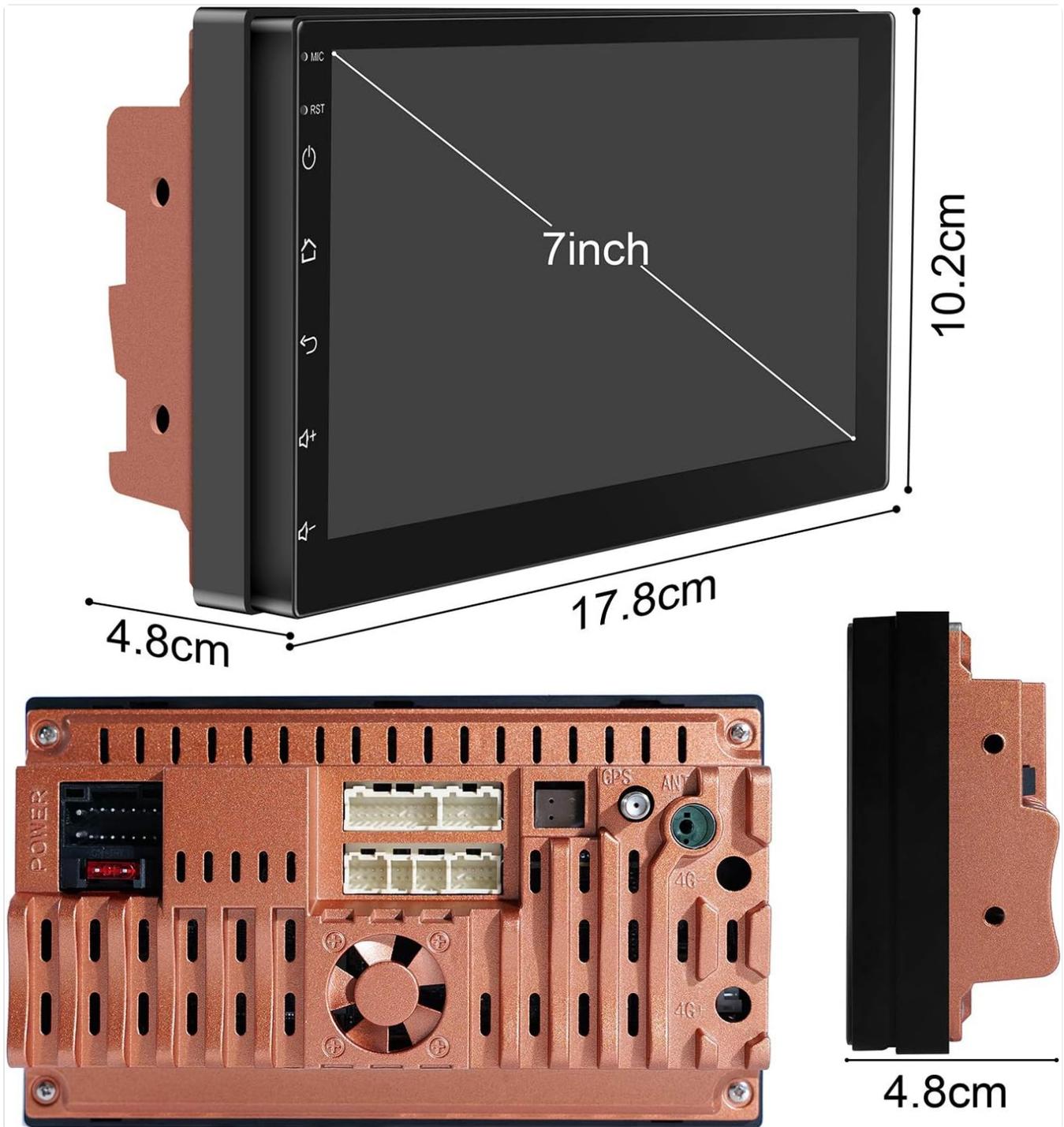


Image: Contents of the ANKEWAY car stereo package. This includes the main head unit, a backup camera, GPS antenna, external microphone, USB adapter cables, installation brackets, and various wiring harnesses.

4. SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your car stereo. It is strongly advised to seek professional assistance for installation.

4.1. Dimensions and Compatibility

Before purchasing and installing, measure your vehicle's center console size, mounting hole size, and confirm car voltage (DC-12V) meets the standards. The product dimensions are:

Product Size (Contain screen edge): 7.12 in * 4.17 in * 1.93 in (18.1 cm * 10.6 cm * 4.9 cm)

Minimum Installation Size: 7.00 in * 4.01 in * 1.93 in (17.8 cm * 10.2 cm * 4.9 cm)



Image: Physical dimensions of the car stereo unit, indicating a 7-inch screen diagonal and overall unit measurements.

4.2. Wiring Diagram

Refer to the following diagram for correct wiring connections. Ensure all connections are secure and properly insulated.

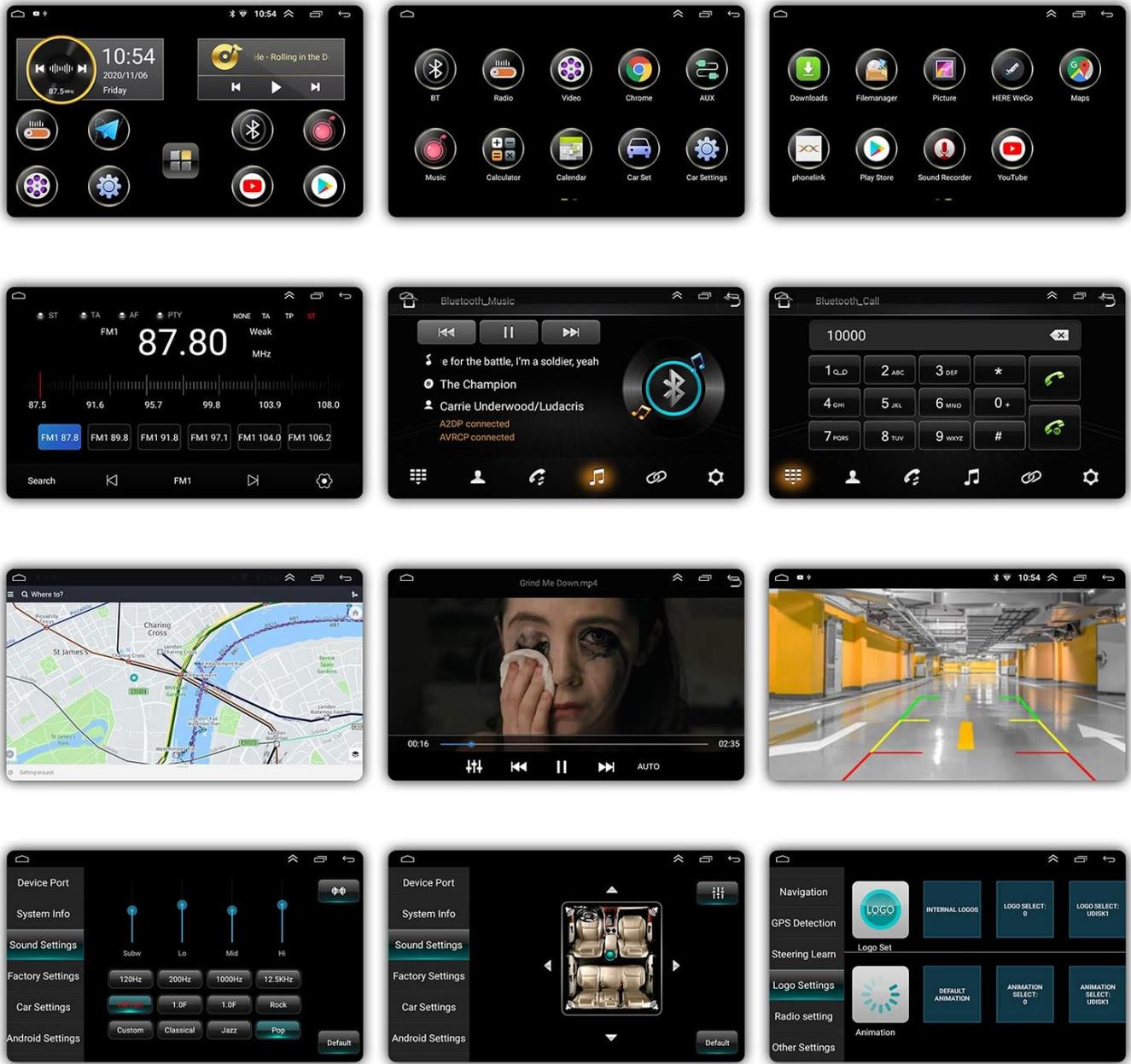


Image: Detailed wiring diagram illustrating connections for ACC, B+, GND, KEY1, KEY2, Reverse Lamp Control, Antenna, Speaker Outputs (FR+, FR-, FL+, FL-, RL+, RL-, RR+, RR-), Microphone Port, Video In, Video Out, Audio Out (R, L), AMP (DC-12V), Bluetooth Antenna, and WiFi Antenna.

- **Power Connections:** Connect ACC (Accessory), B+ (Battery Positive), and GND (Ground) according to your vehicle's wiring.
- **Speaker Outputs:** Connect the four speaker outputs (FR+, FR-, FL+, FL-, RL+, RL-, RR+, RR-) to your vehicle's speakers.
- **Steering Wheel Control (SWC):** Connect KEY1 and KEY2 cables to your vehicle's steering wheel remote control wires. An external ANKEWAY steering wheel remote control (sold separately, ASIN: B08BJ42KX5) is compatible.
- **Backup Camera:** Connect the included backup camera to the dedicated video input and reverse lamp control wire for automatic display when reversing.
- **Antennas:** Connect the GPS antenna and WiFi antenna to their respective ports.
- **Microphone:** Connect the external microphone for improved call quality.
- **USB:** Utilize the dual USB inputs for media playback, charging, or connecting a USB dash cam (sold separately).

5. OPERATING INSTRUCTIONS

5.1. Basic Operation

- **Power On/Off:** Press and hold the power button on the unit or use your vehicle's ignition.
- **Volume Control:** Adjust volume using the physical buttons on the unit or through the touchscreen interface.
- **Touch Screen:** The 7-inch 1080P HD capacitive touchscreen provides intuitive control. It features a high-sensitivity 2.5D curved edge for smooth interaction.

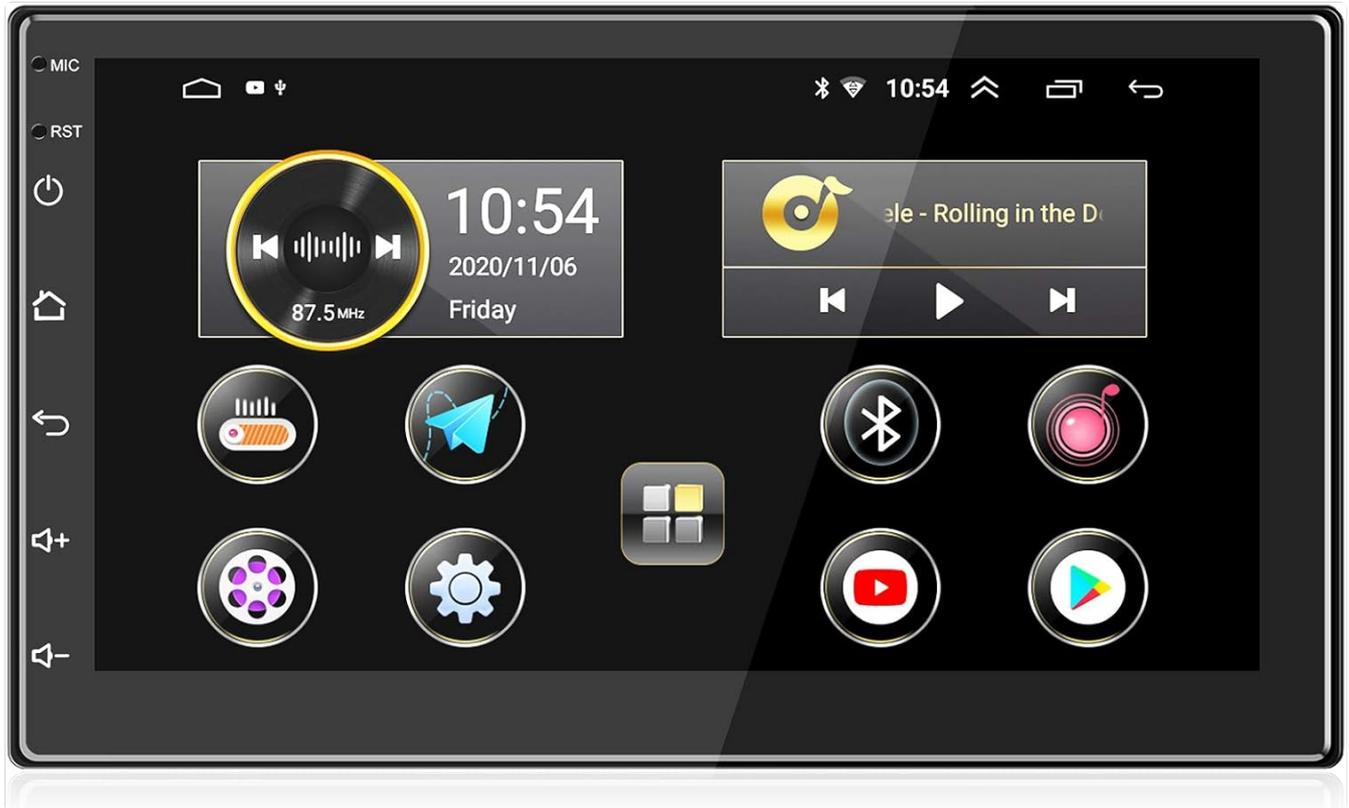


Image: The main user interface of the ANKEWAY car stereo, displaying current time, date, radio frequency, media playback controls, and quick access icons for various functions like Bluetooth, settings, and YouTube.

5.2. Connectivity Features

- **Bluetooth:**
Connect your smartphone via Bluetooth for hands-free calling, music streaming, and contact synchronization. Access the Bluetooth menu to pair devices.

▼ Android 10.1+RDS+FM+AM



▼ Bluetooth Music



▼ Bluetooth Calling



Image: Screenshots demonstrating the Bluetooth music playback interface and the Bluetooth calling dial pad on the car stereo.

- **Wi-Fi Hotspot:**

Connect the unit to a mobile Wi-Fi hotspot to access the internet, browse online content, and download applications from the Google Play Store.

Connect to Mobile WiFi

Hotspot access to the internet,
online anytime, anywhere

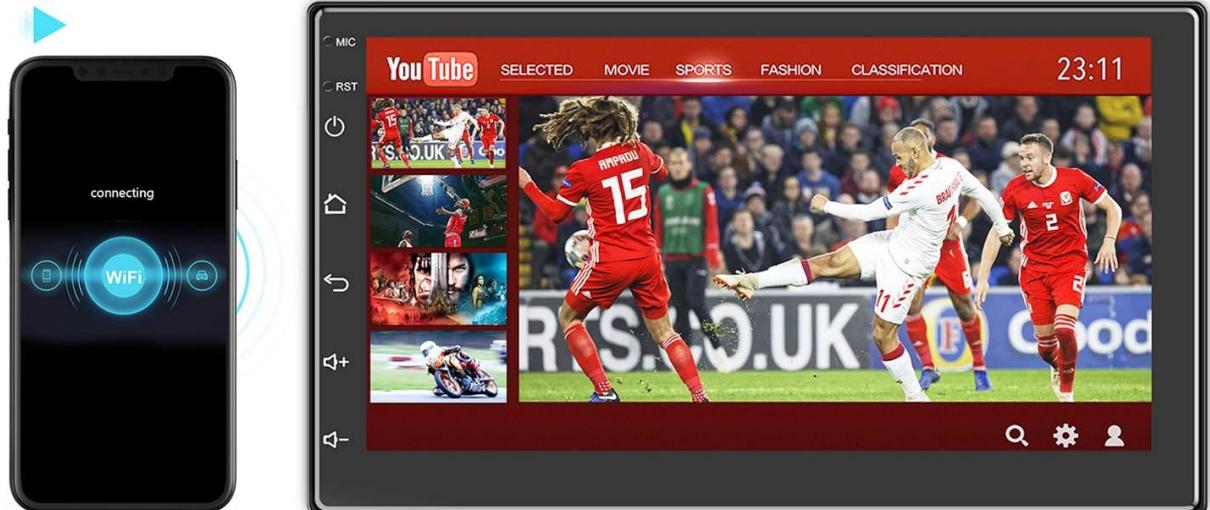


Image: Illustration of connecting a smartphone's Wi-Fi hotspot to the car stereo, enabling internet access for streaming content like YouTube.

- **Mirror-Link (Easy Connection):**

Project your smartphone screen (Android or iOS) onto the car stereo display via USB or Wi-Fi using the "Easy Connection" application. For Android phones, ensure Bluetooth is also connected for simultaneous video and audio. iPhone does not require Bluetooth for Mirror-Link.

The "Easy Connection" app is pre-installed on the stereo. You will need to install the "Easy Connection" app on your smartphone (available on Google Play / App Store).



Image: Visual representation of the Easy Connection (Mirror-link) feature, allowing projection of a phone screen onto the car stereo display via WiFi or USB.

- **Dual USB Input:**

The unit features dual USB inputs for connecting USB devices, playing multimedia files, or connecting a USB dash cam (sold separately).

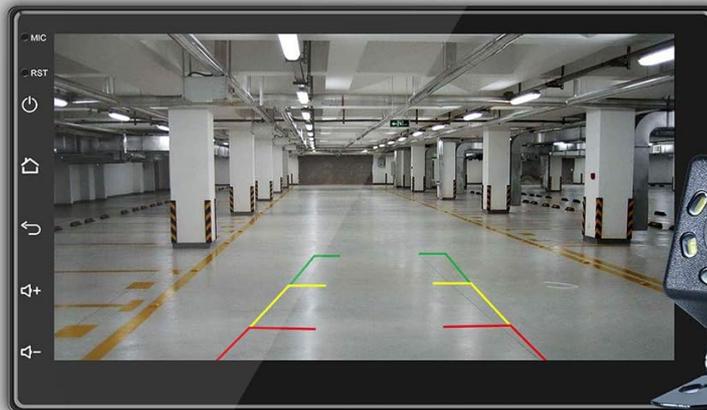
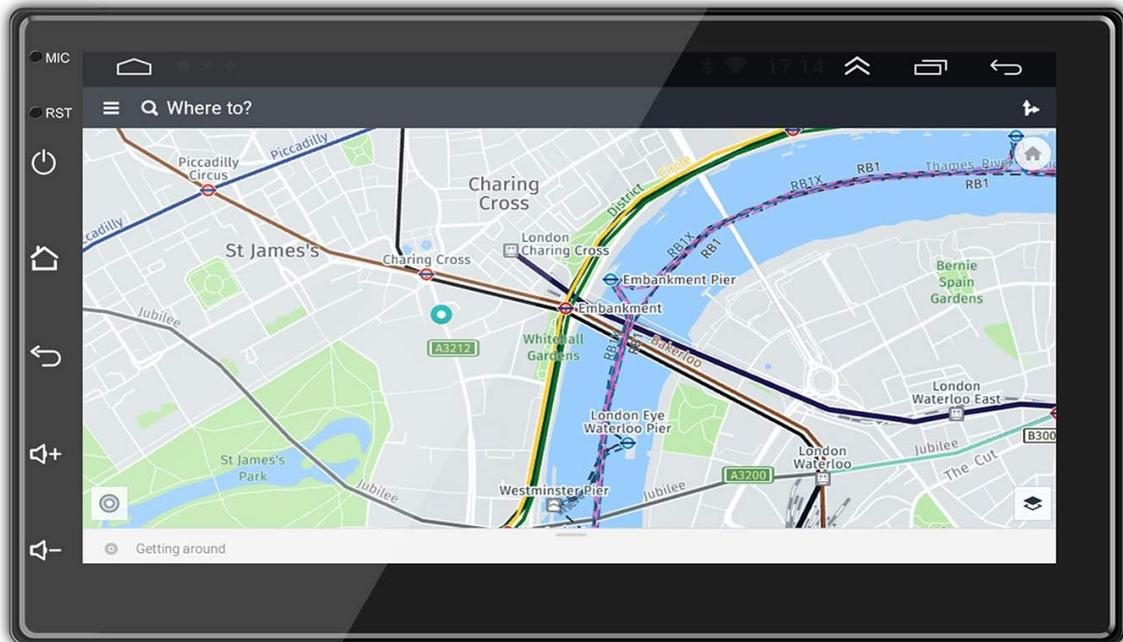
5.3. Navigation and Multimedia

- **GPS Navigation:**

The system comes with "Here WeGO" pre-installed for offline navigation. It also supports other navigation applications like Google Maps when connected to the internet.



"Here WeGO" GPS Navi



 **Camera
Included**

Image: The car stereo displaying the "Here WeGO" GPS navigation map, showing a detailed street view.

- **Radio (RDS/FM/AM):**

Tune into your favorite FM and AM radio stations. The RDS (Radio Data System) feature provides additional information like station name and song title where available.

▼ Android 10.1+RDS+FM+AM



▼ Bluetooth Music



▼ Bluetooth Calling



Image: The car stereo's radio interface showing FM frequency tuning and station presets.

- **Multimedia Playback:**

The unit supports various audio and video formats including MP4, 3GP, WMV, MKV, AVI, FLV, MOV. Enjoy 1080P HD video playback.



Image: The car stereo displaying a 1080P HD video, showcasing its high-definition video playback capability.

- **HiFi Sound Effects and Equalizer:**

Experience high-quality HiFi sound. The built-in equalizer allows you to adjust sound effects and music styles (e.g., Pop, Rock, Jazz) and fine-tune the volume of individual speakers.



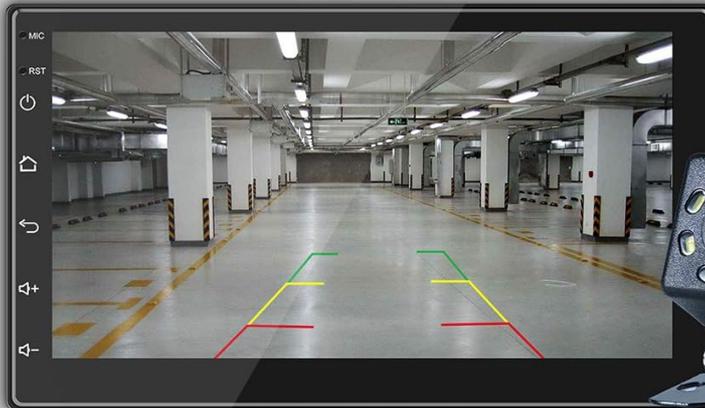
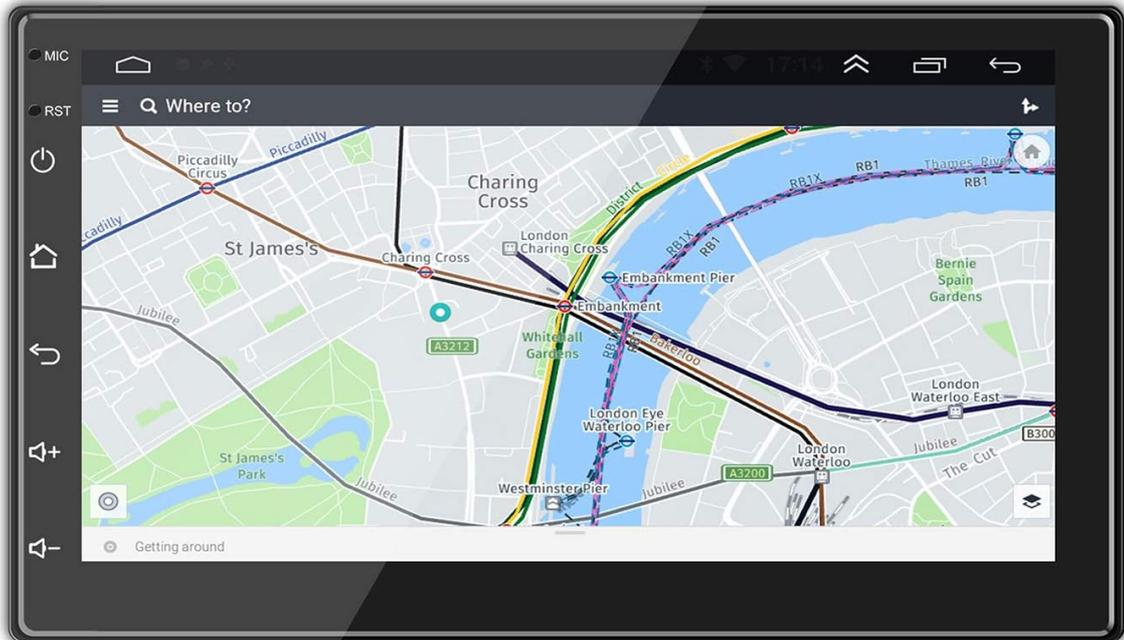
Image: The sound settings interface of the car stereo, showing equalizer adjustments for bass, mid, and treble, along with preset sound styles like Pop, Rock, and Jazz.

- **Backup Camera:**

The included 8-light source backup camera provides clear rearview video, especially in low light conditions. The display automatically switches to the camera view when the vehicle is in reverse.



“Here WeGO” GPS Navi



 **Camera Included**

Image: The car stereo screen displaying the live feed from the included backup camera, complete with parking guidelines, next to the physical camera unit.

6. MAINTENANCE

- **Screen Cleaning:** 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. Do not spray liquid directly onto the screen.
- **Software Updates:** Periodically check the ANKEWAY official website or contact support for available software updates to ensure optimal performance and access to new features.
- **Environmental Care:** Protect the unit from direct sunlight, extreme heat, cold, and moisture. Ensure proper ventilation around the unit to prevent overheating.

7. TROUBLESHOOTING

This section addresses common issues you might encounter. For more detailed troubleshooting, refer to the full user manual or contact support.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No Power	Incorrect wiring; Blown fuse; Vehicle battery issue.	Check power connections (B+, ACC, GND). Inspect vehicle fuses. Ensure vehicle battery is charged. Consult a professional.
No Sound	Speaker wires disconnected; Volume too low; Mute function active; Incorrect audio output settings.	Verify speaker wire connections. Increase volume. Check if unit is muted. Adjust audio output settings in the system menu.
GPS Not Working / Inaccurate	GPS antenna not connected or obstructed; No satellite signal; Navigation app issue.	Ensure GPS antenna is securely connected and has a clear view of the sky. Try restarting the navigation app. Check internet connection for online maps.
Bluetooth Connection Issues	Device not in pairing mode; Bluetooth off on phone/stereo; Interference.	Ensure both devices have Bluetooth enabled and are in pairing mode. Delete previous pairings and try again. Move closer to the unit.
Touchscreen Unresponsive	System freeze; Software glitch.	Perform a soft reset (locate the RST pinhole and gently press with a non-sharp object). If issue persists, consider a factory reset (data will be lost).
Backup Camera Not Displaying	Camera not connected; Reverse trigger wire not connected; Faulty camera.	Check camera video input and reverse trigger wire connection. Ensure camera is receiving power. Test camera if possible.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact ANKEWAY customer support for further assistance.

8. SPECIFICATIONS

Feature	Detail
Model Number	AW1003-RDS
Brand	ANKEWAY
Operating System	Android 10.1
RAM / ROM	2GB RAM / 32GB ROM
Screen Size	7 Inches
Display Type	1080P HD Touch Screen (2.5D Curved Edge)
Visible Screen Diagonal	7" / 18 cm
Connectivity Technology	USB, Wi-Fi, Bluetooth
Controller Type	Android, iOS (via Mirror-Link)
Special Features	Touchscreen, GPS Navigation, RDS/FM/AM Radio, HiFi Sound, Mirror-Link, Dual USB, Backup Camera Support, Steering Wheel Control (SWC)
Compatible Devices	Smartphone

Feature	Detail
Audio Output Mode	HD Stereo Output (4x60W)
Video Encoding Support	MP4, 3GP, WMV, MKV, AVI, FLV, MOV
Color	Black
Item Weight	2.38 pounds (1.08 kg)
First Available Date	July 29, 2021

9. WARRANTY AND SUPPORT

ANKEWAY is committed to providing high-quality products and customer satisfaction. For any questions regarding compatibility, wiring, installation, or use of your car stereo, please refer to this user manual or contact ANKEWAY customer support.

It is advised to measure and confirm your vehicle's compatibility before purchase. For installation and debugging, hiring professional electricians is recommended to ensure correct setup and avoid potential issues.

For support inquiries, please refer to the contact information provided in your product packaging or visit the official ANKEWAY website.