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› [VANBAR](#) /

› [VANBAR 8.1-inch Portable Car Display Audio System User Manual](#)

VANBAR 8.1-inch

VANBAR 8.1-inch Portable Car Display Audio System User Manual

Model: 8.1-inch

1. INTRODUCTION

Thank you for choosing the VANBAR 8.1-inch Portable Car Display Audio System. This device is designed to enhance your driving experience by providing seamless integration with your smartphone via Apple CarPlay and Android Auto, along with various multimedia and navigation features. This manual provides essential information for proper installation, operation, and maintenance of your device.

2. SAFETY INFORMATION

- Do not operate the device or adjust settings while driving. Always ensure your vehicle is safely parked before interacting with the system.
- Ensure the device is securely mounted and does not obstruct your view of the road or interfere with vehicle controls.
- Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Use only the provided power cable and accessories to prevent damage or malfunction.
- If you experience any issues, refer to the troubleshooting section or contact customer support. Do not attempt to disassemble or repair the device yourself.

3. PACKAGE CONTENTS

Please check the package for the following items:

- VANBAR 8.1-inch Portable Car Display Audio System Unit
- Power Cable (for cigarette lighter socket)
- Mounting Bracket
- User Manual
- AUX Cable

4. PRODUCT OVERVIEW

The VANBAR 8.1-inch Portable Car Display Audio System features a high-resolution touchscreen and intuitive interface. Below is a general overview of its main components and features.

VANBAR ディスプレイオーディオ

Carplay/Carplay & AndroidAuto対応、取り外し可能、内蔵スピーカー、さまざまなシナリオに最適～



The image shows a car dashboard with a large 8.1-inch touchscreen display. The screen displays a smartphone-style interface with various app icons including Amazon, Music, Maps, LINE, TikTok, Instagram, YouTube, and a calendar. Below the screen, there are several feature icons and their corresponding labels in Japanese.

 Android Auto	 carplay	 内蔵スピーカー	 無線ミラーリング	 Bluetooth音楽 (5.0)
 FM送信	 効果音調整	 バック連動機能	 取り付けが簡単	 99%の車型を対応

Image: Overview of the VANBAR 8.1-inch Portable Car Display Audio System, highlighting key features such as CarPlay, Android Auto, built-in speaker, wireless mirroring, Bluetooth, FM transmission, sound adjustment, reverse camera function, easy installation, and wide vehicle compatibility.

Key Features:

- **8.1-inch HD Touchscreen:** Provides a clear and responsive interface for all functions.
- **Wireless Apple CarPlay & Android Auto:** Seamless smartphone integration for navigation, music, and calls.
- **Wireless Mirroring:** Supports AirPlay and Android Cast for displaying smartphone content.
- **Multiple Audio Output Options:** Built-in speaker, Bluetooth, AUX, and FM transmitter.
- **Easy Installation:** Simple plug-and-play setup via the cigarette lighter socket.
- **Wide Compatibility:** Supports 12V-24V vehicles, including light cars and trucks.

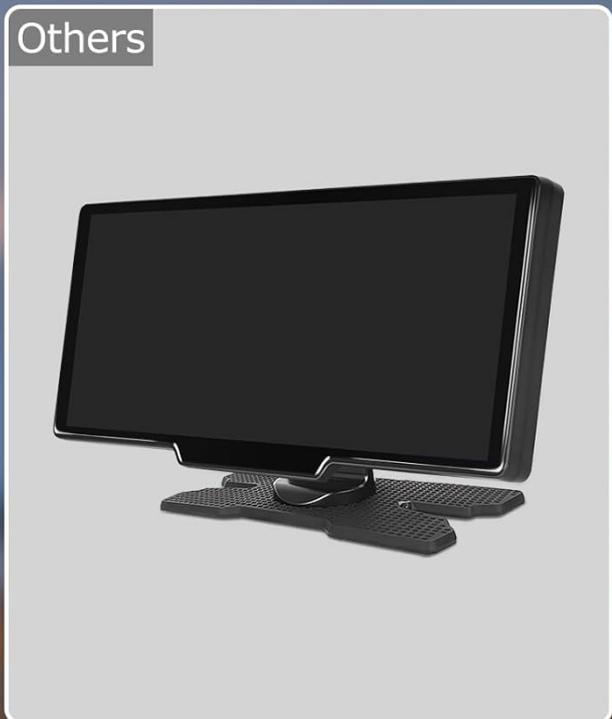
5. SETUP

5.1. Installation

The VANBAR Portable Car Display is designed for quick and easy installation without complex wiring. It can be installed in approximately 5 minutes.

1. **Mounting the Unit:** Attach the display unit to the provided mounting bracket. Secure the bracket to your dashboard or windshield using the suction cup or adhesive base, ensuring it does not obstruct your driving view or airbags. The bracket allows for 360-degree rotation for optimal viewing angles.
2. **Power Connection:** Insert the power cable into your vehicle's cigarette lighter socket. The device supports 12V-24V power input, making it compatible with most vehicles.
3. **Initial Power On:** Once connected, start your vehicle's engine. The device should power on automatically.

取り付け簡単、視界を妨げません。



- ✓ 1. 8.1インチで視界を妨げません。
- ✓ 2. 内蔵スピーカーで音響効果を調整可能
- ✓ 3. ベースは360°回転し、取り外し可能です。
- ✓ 4. 簡単なインストールと素早い起動

- ✗ 1. サイズが大きすぎて死角がある
- ✗ 2. 外部では音を鳴らすことはできません。
- ✗ 3. ベースは固定されており、分解できません。
- ✗ 4. インストールが複雑で起動が遅い

Image: Illustration comparing the simple installation of the VANBAR system (left) with a complex traditional car audio system (right), emphasizing the ease of setup and flexible mounting options.

5.2. Initial Setup

Upon first power-on, the system may guide you through basic language and time zone settings. Follow the on-screen prompts.

6. OPERATING INSTRUCTIONS

6.1. Wireless Apple CarPlay / Android Auto

Connect your smartphone wirelessly to access navigation, music, calls, and more directly on the display.

1. **Enable Bluetooth and Wi-Fi:** On your smartphone, ensure both Bluetooth and Wi-Fi are enabled.
2. **Pairing:** On the VANBAR display, select the 'CarPlay' or 'Android Auto' icon. The system will search for available devices. Select your phone from the list and confirm the pairing code on both devices.
3. **Automatic Connection:** Once paired, the system will automatically connect to your phone when the vehicle starts.
4. **Voice Control:** Use Siri (for CarPlay) or Google Assistant (for Android Auto) for hands-free operation. Press the voice command button on the screen or say the wake word to activate.



Image: The Apple CarPlay interface displayed on the VANBAR unit, showing various app icons like Maps, Music, Phone, and Messages, indicating seamless smartphone integration.



Image: The Android Auto interface displayed on the VANBAR unit, showcasing app icons for navigation, music, and communication, demonstrating its compatibility with Android smartphones.

6.2. Wireless Mirroring (AirPlay / Android Cast)

Mirror your smartphone screen to the VANBAR display to view videos, photos, or other content.

1. **Select Mirroring Mode:** On the display, choose 'AirPlay' for iOS devices or 'Android Cast' for Android devices.
2. **Connect:** Follow the on-screen instructions to connect your phone. This typically involves connecting to the device's

Wi-Fi hotspot and then initiating screen mirroring from your phone's settings.

8.1インチHDタッチスクリーン&Apple Airplay

iso端末のみミラーリング機能



Image: A smartphone screen being mirrored wirelessly to the VANBAR display, showing a video playing on the larger screen, illustrating the mirroring functionality.

6.3. Audio Output Methods

The system offers four ways to output audio:

- **Built-in Speaker:** The device has an integrated speaker for direct audio output.
- **Bluetooth:** Connect the VANBAR unit to your car's existing audio system via Bluetooth for high-quality sound through your car speakers.
- **AUX Cable:** Use the provided AUX cable to connect the device to your car's AUX input for a wired audio connection.
- **FM Transmitter:** Tune the VANBAR unit to an unused FM frequency, then tune your car radio to the same frequency to transmit audio wirelessly to your car speakers.

4つのオーディオ入力



Image: Four panels illustrating the different audio output methods: built-in speaker, Bluetooth connection, FM transmission, and AUX output, demonstrating versatility for various car audio setups.

6.4. Rear Camera Function (Optional)

The system supports an optional rear camera (sold separately) for parking assistance.

- **Automatic Display:** When a compatible rear camera is connected and the vehicle is put into reverse, the display will automatically switch to the camera view.
- **Adjustable Guidelines:** The system provides adjustable parking guidelines to assist with precise parking.
- **Note:** The rear camera is not included and must be purchased separately.

7. MAINTENANCE

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen cleaner designed for electronics. Avoid harsh chemicals or abrasive materials.
- **General Care:** Keep the device free from dust and debris. Ensure all cables are securely connected and not pinched or damaged.

- **Storage:** If storing the device for an extended period, disconnect it from power and store it in a cool, dry place.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	No power from cigarette lighter socket; loose connection.	Check if the power cable is securely plugged into the cigarette lighter socket and the device. Ensure the vehicle's engine is running. Test the cigarette lighter socket with another device.
No sound output.	Incorrect audio output setting; low volume.	Check the selected audio output method (built-in speaker, Bluetooth, AUX, FM). Adjust the volume on both the device and your car's audio system. Ensure FM frequency is clear if using FM transmitter.
CarPlay/Android Auto not connecting.	Bluetooth/Wi-Fi off on phone; phone not paired; interference.	Ensure Bluetooth and Wi-Fi are enabled on your phone. Re-pair the device with your phone. Restart both the phone and the VANBAR unit.
Screen mirroring not working.	Incorrect mirroring mode selected; Wi-Fi connection issue.	Verify you have selected the correct mirroring mode (AirPlay for iOS, Android Cast for Android). Check Wi-Fi connection between phone and device.
Touchscreen unresponsive.	Temporary software glitch.	Restart the device by unplugging and re-plugging the power cable.

9. SPECIFICATIONS

- **Model:** 8.1-inch Portable Car Display Audio System
- **Screen Size:** 8.1 inches
- **Display Resolution:** HD 1024*600 (typical)
- **Operating Voltage:** 12V-24V
- **Connectivity:** Wireless Apple CarPlay, Wireless Android Auto, Bluetooth 5.0, Wi-Fi (for mirroring), AUX, FM Transmitter
- **Audio Output:** Built-in speaker, Bluetooth, AUX, FM
- **Rear Camera Support:** Yes (camera sold separately, IP67 waterproof rating for compatible cameras)
- **Installation:** Easy plug-and-play via cigarette lighter socket

10. WARRANTY AND SUPPORT

VANBAR products are designed for reliability and performance. This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact VANBAR customer service through the retailer where you purchased the product or visit the official VANBAR website for contact information.

Please have your product model and purchase details ready when contacting support.