

VIGORWORK AF1313

VIGORWORK AF1313 Wireless Bluetooth Carplay Car Stereo with Dash Cam User Manual

Model: AF1313 | Brand: VIGORWORK

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your VIGORWORK AF1313 Wireless Bluetooth Carplay Car Stereo with Dash Cam. Please read this manual thoroughly before using the product to ensure proper function and safety.

2. SAFETY INFORMATION

- Ensure the device is securely mounted and does not obstruct your view or interfere with vehicle controls.
- Do not attempt to operate the device or adjust settings while driving. Always pull over to a safe location.
- Use only the provided power cable or a compliant high-quality cigarette charger. Using an incorrect charger may damage the device or cause injury.
- Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Do not disassemble or modify the device. This may void the warranty and pose safety risks.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- VIGORWORK AF1313 Car Stereo Unit (9.3-inch HD IPS Screen)
- Dash Cam (integrated)
- Backup Camera (optional, if included in your package)
- Power Cable (cigarette lighter adapter)
- Mounting Bracket/Stand
- User Manual (this document)

- Auxiliary Cable (if applicable)
- Remote Control (if applicable)



Image: Main unit, dash cam, backup camera, and cables included in the package.

4. PRODUCT OVERVIEW

The VIGORWORK AF1313 is a versatile car stereo system designed to enhance your driving experience with advanced features.

Key Features:

- **9.3-inch HD IPS Touch Screen:** Provides a clear and responsive interface.
- **Wireless Apple CarPlay:** Seamless integration with iPhone for navigation, music, and calls.
- **Android Auto:** Connects with Android phones for similar functionalities.
- **Integrated Dash Cam:** Records front-facing video, often with loop recording.
- **1080p Backup Camera:** (Optional) Assists with parking and reversing.
- **FM Transmission:** Broadcasts audio to your car's FM radio.
- **AUX Connectivity:** For wired audio input.

- **Voice Control:** For hands-free operation.
- **Advanced Driver Assistance Systems (ADAS):** (If equipped) Provides alerts for driving safety.



Image: Front view of the VIGORWORK AF1313 Car Stereo displaying the main interface with various app icons.

5. SETUP & INSTALLATION

5.1 Mounting the Device

The device offers flexible mounting options. Choose a location on your dashboard that provides a clear view of the screen without obstructing your driving visibility or airbags.

1. Attach the mounting bracket to the main unit.
2. Secure the unit to your dashboard using the provided adhesive base or suction cup mount. Ensure it is stable.

Our Products VS Others



- ✓ Upward-facing camera adjusts , up and down
- ✓ Quick installation, 5 mins to complete
- ✓ No-destructive installation
- ✓ Direct replacement if after-sales required
- ✓ Compatible with 99% DV12-24V Car such as cars, trucks, vans, buses, pickups etc



Image: Illustration showing the simple installation of the VIGORWORK unit compared to complex traditional car stereo wiring.

5.2 Wiring Instructions

The VIGORWORK AF1313 is designed for quick and non-destructive installation using a cigarette lighter power supply.

1. Connect the power cable to the designated port on the car stereo unit.
2. Plug the cigarette lighter adapter into your vehicle's 12V/24V power outlet.
3. If installing an optional backup camera, route the camera cable from the rear of the vehicle to the main unit and connect it to the AV IN port. Ensure the cable is securely tucked away and does not interfere with vehicle operation.

Wiring instructions

Note: Some products come with a cigarette charger as standard. If you do not use our original charger, you need to buy a compliant high-quality cigarette charger, otherwise it is easy to damage the machine or cause other injuries due to insufficient voltage and heat.



Image: Wiring diagram illustrating the connection of the device to the car's cigarette lighter for power.



Image: Side view of the unit highlighting the 3.5C AUX, TF card slot, AV IN, and Type-C ports.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

The device will typically power on automatically when the vehicle's ignition is turned on and power is supplied via the cigarette lighter. To manually power off, press and hold the power button (if available) or disconnect the power cable.

6.2 Touch Screen Navigation

The 9.3-inch HD IPS screen is touch-sensitive. Navigate through menus and applications by tapping, swiping, and dragging as you would on a smartphone.

6.3 Wireless Apple CarPlay (iPhone Only)

1. Ensure Bluetooth and Wi-Fi are enabled on your iPhone.
2. On the car stereo, select the CarPlay icon.
3. Follow the on-screen prompts to pair your iPhone via Bluetooth.
4. Once paired, CarPlay will automatically connect via Wi-Fi for future use.
5. You can now use voice control (Siri), navigation, music, messages, and other compatible apps directly on the car stereo screen.

wireless Carplay

Wireless CarPlay allows you to safely use various iPhone features to sync some of your phone apps while driving your vehicle



Image: The device screen showing the Apple CarPlay interface, indicating wireless connectivity.

6.4 Android Auto (Android Phone Only)

1. Ensure Bluetooth and Wi-Fi are enabled on your Android phone.
2. On the car stereo, select the Android Auto icon.
3. Follow the on-screen prompts to pair your Android phone via Bluetooth.
4. Once paired, Android Auto will automatically connect via Wi-Fi for future use.
5. Utilize voice control, navigation, music, and other compatible Android Auto features.

Front Camera 4K Clear See the Unseen Rear Camera (optional) 1080P



Image: Visual representation of wireless CarPlay and Android Auto connectivity with smartphones.

6.5 Dash Cam (Loop Recording)

The integrated dash cam continuously records video. It supports loop recording, which means when the storage card (Micro SD card, not included) is full, the oldest files are automatically overwritten by new recordings.

- **Emergency Lock:** In case of a collision, the current recording will be automatically locked to prevent it from being overwritten, preserving critical evidence.
- **Micro SD Card:** Insert a Micro SD card (Class 10 or higher, up to 128GB recommended) into the TF card slot for recording functionality.
- **Retractable Camera:** The dash cam features a retractable design, allowing for adjustment to suit different vehicle scenarios and viewing angles.

Seamless loop recording

Automatically overwrite the previously recorded video after the storage card is full, and the emergency locked file will not be overwritten after the collision to ensure that the critical moment will not be affected by missing seconds or broken frames and forensics



Image: Explanation of seamless loop recording, showing how daily videos are deleted and important evidence is locked.



Image: Visualizing the loop recording process, including automatic deletion of old files and locking of important event videos.

Retractable HD camera

Retractable camera, can meet the needs of different scenes, adapt to different vehicle scenarios, editing can be manually controlled



Image: The retractable HD camera, demonstrating its adjustable movement for optimal recording angles.

6.6 Backup Camera (Optional)

If your package includes a backup camera, it will automatically display the rear view when your vehicle is put into reverse gear (requires proper wiring to the reverse light trigger, if applicable, or manual activation). The screen provides a wide visual angle and auxiliary lines for parking assistance.

HD back-up camera (optional)

High-definition rear view camera, automatic switching back-up image intelligent planning back-up auxiliary line, large visual angle sweep light, blind spot at a glance



Image: The device screen showing the high-definition backup camera view with parking assist lines.



Image: A clear view of the backup camera display on the car stereo, showing parking guidelines.

6.7 FM Transmission

To output audio from the car stereo to your vehicle's existing sound system:

1. Select the FM Transmitter function on the device.
2. Choose an unused FM frequency on the car stereo.
3. Tune your vehicle's FM radio to the same frequency.
4. Audio from the car stereo will now play through your car's speakers.

6.8 AUX Connectivity

Connect external audio devices using a 3.5mm AUX cable to the AUX IN port on the car stereo. Select the AUX input source on the device to play audio from the connected device.

6.9 Voice Control

Utilize voice commands through Apple CarPlay (Siri) or Android Auto to control navigation, music playback, make calls, and send messages hands-free. Activate voice control by pressing the dedicated voice button on the screen or by using the voice command phrase (e.g., "Hey Siri" or "Ok Google" if supported by your phone and connection).



Image: Diagram illustrating voice control capabilities and its integration with various functions.

6.10 Advanced Driver Assistance Systems (ADAS)

Some models may include ADAS features to enhance driving safety. These systems provide real-time voice alerts for:

- **Front Vehicle Starting Reminder:** Alerts you when the vehicle in front starts moving.
- **Lane Departure Warning:** Warns if you unintentionally drift out of your lane.
- **Forward Collision Warning:** Alerts you to potential frontal collisions.

Refer to the on-screen settings to enable or disable specific ADAS features and adjust sensitivity if available.

Advanced Driver Assistance Systems

Detect your surroundings/Help you avoid accidents by real-time voice alert



Front Vehicle Starting Reminder

🔊 Voice: The Car Started



Lane Departure Warning

🔊 Voice: The Lane departed



Forward Collision Warning

🔊 Voice: Attention to the front car

Image: Visual explanation of ADAS features, including reminders for vehicle movement, lane departure, and forward collision warnings.



Image: The car stereo screen showing ADAS features in action, detecting surroundings and providing alerts.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior of the device. Do not use abrasive cleaners or solvents.
- **Software Updates:** Periodically check the manufacturer's website for any available firmware updates to ensure optimal performance and access to new features.
- **Micro SD Card:** Format the Micro SD card regularly (e.g., monthly) to maintain optimal recording performance and prevent data corruption. Back up important recordings before formatting.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	No power from cigarette lighter; faulty cable.	Check if the cigarette lighter socket is working. Ensure the power cable is securely connected. Try a different power source if available.
CarPlay/Android Auto not connecting.	Bluetooth/Wi-Fi off; incorrect pairing; phone compatibility.	Ensure Bluetooth and Wi-Fi are enabled on your phone. Forget the device in your phone's Bluetooth settings and re-pair. Check phone compatibility.
No sound from car speakers.	FM transmission not set correctly; AUX cable issue.	Verify FM transmission frequency matches your car radio. Check AUX cable connection and input source. Adjust volume on both the device and car stereo.
Dash cam not recording.	No Micro SD card; card full or corrupted; incorrect settings.	Insert a compatible Micro SD card. Format the card. Check recording settings in the device menu.

Problem	Possible Cause	Solution
Backup camera not displaying.	Camera not connected; incorrect wiring; faulty camera.	Ensure the backup camera is securely connected to the AV IN port. Verify wiring to the reverse light trigger (if applicable).

9. SPECIFICATIONS

- **Model:** AF1313
- **Screen Size:** 9.3 inches
- **Display Type:** HD IPS Touch Screen
- **Connectivity:** Auxiliary, Bluetooth, Wi-Fi
- **Compatible Devices:** Smartphone, Speaker
- **Audio Output Mode:** Stereo
- **Surround Sound Channel Configuration:** 4.0
- **Number of Channels:** 4
- **Video Encoding:** H.264, H.265/HEVC
- **Power Input:** 12V-24V DC (via cigarette lighter adapter)
- **Item Weight:** 3.1 pounds
- **Package Dimensions:** 11.8 x 6.3 x 5.12 inches

10. WARRANTY AND SUPPORT

VIGORWORK provides an online dealer warranty for products purchased through legitimate channels. For warranty claims, technical support, or customer service inquiries, please contact your original point of purchase or refer to the VIGORWORK official support channels.

Please retain your proof of purchase for warranty purposes.