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› VIGORWORK 12V/24V 1DIN Car MP3 Player with Bluetooth, FM Radio, USB/SD/MMC, Aux-in, and Hands-Free Calling (Model AF1313) Instruction Manual

VIGORWORK AF1313

VIGORWORK 12V/24V 1DIN Car MP3 Player Instruction Manual

Model: AF1313

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your VIGORWORK 12V/24V 1DIN Car MP3 Player. Please read this manual thoroughly before using the product to ensure proper function and safety. This device is designed to provide in-car audio entertainment with features including FM radio, Bluetooth connectivity, USB/SD/MMC card playback, Aux-in, and hands-free calling.

2. SAFETY INFORMATION

- Ensure the vehicle's power supply matches the unit's voltage requirements (12V/24V). Incorrect voltage can damage the device.
- Do not attempt to disassemble or modify the unit. This may void the warranty and pose a safety risk.
- Avoid operating the device in extreme temperatures or high humidity.
- Always prioritize driving safety. Do not operate complex functions while driving.
- Consult a professional for installation if you are unsure about wiring or electrical connections.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- VIGORWORK 1DIN Car MP3 Player Unit
- Wiring Harness (ISO Plug)
- Remote Control
- User Manual
- Installation Keys (2 pieces)



Image: The VIGORWORK car MP3 player unit, its wiring harness, and the remote control, as typically included in the package.

4. PRODUCT OVERVIEW

The VIGORWORK Car MP3 Player features a 1DIN form factor with an OLED color screen. It offers multiple audio playback options and communication functionalities for an enhanced in-car experience.

Key Features:

- **Bluetooth Hands-Free Calling:** Integrated Bluetooth chip with high-definition noise reduction microphone for clear two-way voice calls. Supports answering, hanging up, and rejecting calls directly from the unit.
- **FM Radio:** High-quality digital stereo FM radio (87.5MHz-108.00MHz in Europe) with automatic, semi-automatic, and manual channel tuning.
- **Multiple Media Inputs:** Two USB ports, AUX (3.5mm plug), and TF/SD/MMC card reader for versatile audio playback from various sources.
- **USB Charging:** One USB port supports charging for mobile phones.
- **Voice Assistant Support:** Dedicated button for activating Siri or Google Voice Assistant for voice commands (e.g., music, navigation).



Image: Front panel of the VIGORWORK car MP3 player, highlighting its display and controls.



Image: The car MP3 player with a background image, illustrating its Bluetooth functionality.

5. SETUP

5.1. Wiring and Installation

Proper wiring is crucial for the safe and correct operation of your car MP3 player. Refer to your vehicle's wiring diagram and the provided

ISO wiring harness. Connect the power, ground, and speaker wires according to the color codes. Ensure all connections are secure to prevent short circuits or damage.

- **Power (Yellow):** Connect to constant 12V/24V power supply (battery positive).
- **Ignition (Red):** Connect to switched 12V/24V power supply (ignition switch).
- **Ground (Black):** Connect to vehicle chassis ground.
- **Speaker Wires:** Connect to your vehicle's speakers, ensuring correct polarity for each speaker (e.g., White/White-Black for Left Front, Grey/Grey-Black for Right Front, Green/Green-Black for Left Rear, Purple/Purple-Black for Right Rear).
- **Antenna:** Connect the radio antenna cable.

After wiring, slide the unit into the 1DIN opening in your dashboard until it clicks into place. Use the provided installation keys for removal if necessary.

Fully equipped for your car entertainment



BT HANDSFREE
Car entertainment

⌵



⌶

VIDEO PLAYBACK
Car entertainment



CELL PHONE CHARGER
Car entertainment

⌵



⌶

LISTEN TO THE RADIO
Car entertainment

Image: The car MP3 player unit integrated into a vehicle's dashboard.

6. OPERATING INSTRUCTIONS

6.1. Basic Controls

- **Power Button:** Press to turn the unit on/off.
- **Volume Knob:** Rotate to adjust volume. Press to cycle through audio settings (Bass, Treble, Balance, Fader, EQ).
- **Mode Button (MOD):** Press to switch between FM Radio, Bluetooth, USB, SD, and AUX modes.
- **Mute Button:** Press to mute/unmute audio.

6.2. FM Radio Operation

In FM mode, use the tuning buttons to search for stations. Press and hold to automatically scan and save stations. The volume knob can be

used to adjust the sound output.

6.3. USB/SD/AUX Playback

Insert a USB drive or SD/MMC card into the respective slot. The unit will automatically switch to USB/SD mode and begin playback. Connect external audio devices via the 3.5mm AUX-in port and select AUX mode.

6.4. Bluetooth Pairing and Hands-Free Calling

To pair your mobile device, switch the unit to Bluetooth mode. On your phone, search for available Bluetooth devices and select "CAR BT" or a similar name. Once paired, you can stream audio and make/receive calls through the unit. Use the call buttons on the unit to manage calls.

Video: Demonstrates the operation of the VIGORWORK car radio, including FM/EQ settings, USB disk usage, USB charging, Bluetooth pairing, and hands-free calling. This video provides a visual guide to the main functionalities of the device.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the unit's surface. Do not use abrasive cleaners or solvents.
- **Fuse Replacement:** If the unit does not power on, check the fuse located at the rear of the unit. Replace it with a fuse of the same rating if blown.
- **Environmental Care:** Keep the unit away from direct sunlight and excessive heat to prolong its lifespan.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; No power supply.	Check power and ground connections. Verify fuse integrity and replace if necessary. Ensure vehicle's ignition is on.
No sound output.	Volume too low; Mute activated; Incorrect speaker wiring; Faulty speakers.	Increase volume. Deactivate mute. Check speaker connections and polarity. Test with known working speakers.
Bluetooth not connecting.	Bluetooth not enabled on phone; Unit not in pairing mode; Device already paired to another unit.	Ensure Bluetooth is active on your phone. Put the unit in Bluetooth pairing mode. Disconnect from other devices.
Poor FM radio reception.	Antenna not connected; Weak signal area; Damaged antenna.	Ensure antenna is securely connected. Try tuning in a different location. Inspect antenna for damage.
USB/SD card not recognized.	Unsupported file format; Corrupted media; Incompatible storage capacity.	Ensure media contains supported audio files (e.g., MP3). Reformat the USB/SD card. Try a different USB/SD card.

9. SPECIFICATIONS

- **Brand:** VIGORWORK
- **Model Number:** AF1313
- **Product Dimensions:** 2.28"D x 7.4"W x 2.28"H (58mm x 188mm x 58mm)
- **Item Weight:** 15.5 ounces
- **Connectivity Technology:** Auxiliary, Bluetooth, USB
- **Compatible Devices:** Smartphone
- **Connector Type:** USB, 3.5mm Jack
- **Audio Output Mode:** Stereo
- **Surround Sound Channel Configuration:** 4 Channel
- **Number of Channels:** 4
- **Control Method:** Touch (buttons)

Product Size



Image: Product dimensions of the VIGORWORK car MP3 player.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your proof of purchase for any warranty claims.