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› VIGORWORK 1 Din 12V Car Radio User Manual

## VIGORWORK 5014BT

# VIGORWORK 1 Din Car Radio User Manual

Model: 5014BT

Your guide to installation, operation, and maintenance.

## 1. INTRODUCTION

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Thank you for choosing the VIGORWORK 1 Din 12V Car Radio. This versatile audio system is designed to enhance your in-car entertainment experience, offering a wide range of features including DVD/VCD/CD/MP3 playback, Bluetooth connectivity for hands-free calls and audio streaming, FM radio, and support for USB, SD card, and AUX input. This manual provides detailed instructions to help you install, operate, and maintain your new car radio.

## 2. PACKAGE CONTENTS

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Please check the package contents carefully upon unpacking. If any items are missing or damaged, contact your retailer.

- VIGORWORK 1 Din Car Radio Unit
- Power and Speaker Wiring Harness
- Remote Control
- Installation Removal Keys (2 pieces)
- User Manual



Image: Contents of the VIGORWORK car radio package, including the main unit, wiring, remote, removal keys, and manual.

### 3. PRODUCT OVERVIEW

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Familiarize yourself with the main components and controls of your car radio.

#### Front Panel Layout

# CAR DVD PLAYER

DVD/VCD/CD/MP3 PLAY



**DVD PLAYER**  
Multifunction  
Vehicle DVD Player



**BT**  
BT  
handsfree



**USB**  
Support USB/SD  
card reader



**AUX**  
AUX audio input



**MP3**  
Music play  
Music play



**FM radio**  
FM87.5-108MHZ



**USB**  
USB charging



**backlight**  
The backlight is easy to  
operate

Image: Front view of the VIGORWORK car radio, highlighting the display, control knob, buttons (PWR, MUTE, BND, MOD, CLK), USB port, SD card slot, and AUX input.

- **Power (PWR) / Mute:** Turns the unit on/off or mutes/unmutes audio.
- **Volume Knob:** Adjusts audio volume. Press to select menu options.
- **Band (BND):** Switches between FM radio bands (FM1, FM2, FM3).
- **Mode (MOD):** Cycles through input sources (Radio, DVD/CD, USB, SD, AUX, Bluetooth).
- **Clock (CLK):** Displays or sets the time.
- **USB Port:** Connect USB flash drives for media playback or charging.
- **SD Card Slot:** Insert SD cards for media playback.
- **AUX Input:** Connect external audio devices via a 3.5mm jack.
- **Disc Slot:** Insert DVDs or CDs for playback.

# Intelligent BT Call

More convenient incoming call control



*Open the mobile phone Bluetooth and connect it with the player·all in notification and Receive and Refuse buttons on the panel make it more convenient to receive calls*

Image: A smartphone screen displaying an incoming call next to the car radio, illustrating the intelligent Bluetooth call feature for convenient call management.

# Fully equipped for your car entertainment



**VIDEO PLAYBACK**  
Car entertainment

**BT HANDSFREE**  
Car entertainment



**LISTEN TO THE RADIO**  
Car entertainment

**CELL PHONE CHARGER**  
Car entertainment



Image: A collage showing various car entertainment scenarios, including video playback, Bluetooth hands-free calling, listening to radio, and cell phone charging, demonstrating the unit's versatility.



# EIGHT ADVANTAGES

EIGHT ADVANTAGES ALLOW YOU TO PLAY FUN ENTERTAINMENT



Professional hardware

BT

DVD PLAYER

Radio reception



U disk  
SD card play

**52W \* 4**

Can bring big speakers

usb  
Car charger

Sound quality  
enhancement

Image: An infographic highlighting eight key advantages of the car radio, such as professional hardware, Bluetooth, DVD player, radio reception, U disk/SD card play, 52W\*4 power output, USB car charger, and sound quality enhancement.



Image: The car radio unit with icons representing various media playback options, including CD/DVD, Bluetooth, and music notes, indicating its compatibility with different audio sources.

## Support USB 5V charging.

No worries about having no more battery of your cellphone wherever you go . The USB interfaces are supportive of most tranches of cellphones' charging . You can listen to music and charge your cellphone at the same time (only supporting battery charging of 5V)



Image: The car radio unit with arrows pointing to the USB port and SD card slot, emphasizing its support for vast USB/SD storage equipment for convenient music playback.

## Support USB (U disk) / SD card playing



Support vast USB/SD storage equipment, and you can download the songs you like into the storage equipment to play, which is very convenient.

Image: A hand holding a smartphone connected to the car radio via USB, illustrating the unit's ability to provide 5V USB charging for mobile devices.

### Dimensions

# size

5.8cm/2.3inch



Image: The car radio unit with dimensions labeled: 18.8cm (7.4 inches) width and 5.8cm (2.3 inches) height, indicating its standard 1 Din size.

## 4. SETUP AND INSTALLATION

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This car radio is designed for easy installation in most vehicles. It is recommended to have the installation performed by a qualified professional if you are unsure about the wiring or mounting process.

### Installation Steps:

1. **Disconnect Battery:** Before starting, disconnect the negative terminal of your vehicle's battery to prevent electrical shorts.
2. **Remove Old Unit:** Carefully remove your existing car radio from the dashboard.
3. **Connect Wiring:** Connect the provided wiring harness to your vehicle's wiring. Ensure correct connections for power (constant 12V, accessory 12V, ground), speaker outputs, and antenna. Refer to your vehicle's wiring diagram if necessary.
4. **Mount Unit:** Slide the new VIGORWORK car radio into the dashboard opening until it clicks into place. Use the provided removal keys to secure or remove the unit.
5. **Reconnect Battery:** Reconnect the negative terminal of your vehicle's battery.
6. **Test Functionality:** Turn on the unit and test all functions (radio, CD/DVD, USB, Bluetooth, AUX) to ensure proper operation.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Power On/Off and Mode Selection

- Press the **PWR** button to turn the unit on. Press and hold to turn off.

- Press the **MOD** button repeatedly to cycle through available input sources: FM Radio, DVD/CD, USB, SD, AUX, Bluetooth.

## 5.2 Bluetooth Connection

The unit features built-in Bluetooth for hands-free calling and audio streaming.

1. Ensure the car radio is powered on and in Bluetooth mode (select using **MOD** button).
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select "VIGORWORK" or a similar name from the list.
4. Once paired, the unit will confirm the connection. You can now make/receive calls and stream audio.
5. Use the car radio's controls or remote to answer/end calls, adjust volume, and control music playback.

## 5.3 FM Radio Operation

- Press **MOD** to select FM radio mode.
- Press **BND** to switch between FM1, FM2, and FM3 bands. Each band can store 6 stations, totaling 18 presets.
- Use the << and >> buttons to manually tune or seek for stations.
- To auto-scan and store stations, press and hold the **BND** button.
- To recall a preset station, press the corresponding number button (1-6).

## 5.4 USB/SD Card Playback

- Insert a USB flash drive into the USB port or an SD card into the SD card slot.
- The unit will automatically switch to USB/SD mode and begin playing compatible audio/video files.
- Use the << and >> buttons for track navigation.
- The unit supports MP3, WMA, and other common audio formats, as well as DIVX and MPEG4 video formats.

## 5.5 DVD/CD Playback

- Gently insert a DVD or CD into the disc slot with the label side facing up.
- The unit will automatically load the disc and begin playback.
- Use the control buttons or remote for playback control (play, pause, skip, fast forward/rewind).

## 5.6 AUX Input

- Connect an external audio device (e.g., smartphone, MP3 player) to the AUX input jack using a 3.5mm audio cable.
- Press **MOD** to select AUX mode.
- Audio from the connected device will now play through the car radio's speakers. Control playback from the external device.

## 6. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your car radio.

- **Cleaning:** Use a soft, dry cloth to wipe the front panel. For stubborn dirt, dampen the cloth slightly with water. Do not use abrasive cleaners or solvents.
- **Disc Care:** Handle discs by their edges. Keep them clean and free of scratches. Store discs in their cases when not in use.
- **Temperature:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or high humidity.

- **Ventilation:** Ensure the unit has adequate ventilation to prevent overheating. Do not block ventilation openings.

## 7. TROUBLESHOOTING

If you encounter issues with your car radio, refer to the following common problems and solutions:

| Problem                       | Possible Cause                                                                                                 | Solution                                                                                                                                         |
|-------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| No Power                      | Blown fuse; Incorrect wiring; Loose connection.                                                                | Check vehicle's fuse box and unit's fuse; Verify wiring connections (constant 12V, accessory 12V, ground); Ensure all connectors are secure.     |
| No Sound                      | Volume too low; Mute function active; Incorrect speaker wiring; Damaged speakers.                              | Increase volume; Press MUTE button; Check speaker wire connections; Test with known good speakers.                                               |
| Bluetooth Not Connecting      | Bluetooth not enabled on device; Unit not in pairing mode; Interference.                                       | Ensure Bluetooth is on and discoverable on your phone; Select Bluetooth mode on the unit; Move closer to the unit; Try unpairing and re-pairing. |
| Disc Error / Disc Not Playing | Dirty or scratched disc; Incorrect disc format; Disc inserted incorrectly.                                     | Clean the disc; Ensure disc format is compatible (DVD, VCD, CD, MP3); Re-insert disc correctly.                                                  |
| USB/SD Not Reading            | Incompatible file format; Corrupted files; USB/SD card not formatted correctly; Card/drive capacity too large. | Ensure files are MP3/WMA/DIVX/MPEG4; Reformat USB/SD card to FAT32; Try a different USB/SD card.                                                 |

## 8. SPECIFICATIONS

Key technical specifications for the VIGORWORK 1 Din Car Radio.

- **Model Number:** 5014BT
- **Power Supply:** 12V DC (Negative Ground)
- **Output Power:** 52W x 4 (Max)
- **Supported Disc Formats:** DVD, VCD, CD, MP3
- **Supported Video Encoding:** MPEG-4, DIVX
- **FM Frequency Range:** 87.5 - 107.90 MHz
- **Bluetooth:** Built-in Bluetooth for hands-free calls and audio streaming
- **Connectivity:** USB, SD Card, AUX (3.5mm Jack)
- **Compatible Devices:** Smartphone, Tablet, Laptop (via AUX/Bluetooth)
- **Audio Output Mode:** Stereo
- **Surround Sound Channel Configuration:** 5.1 (for compatible media)
- **Item Dimensions (L x W x H):** Approximately 7.4 x 2.3 x 6.5 inches (18.8 x 5.8 x 16.5 cm)
- **Item Weight:** Approximately 3.03 pounds (1.38 kg)

## 9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact the manufacturer, VIGORWORK, or your authorized retailer. Keep your purchase receipt as proof of purchase.