



Manuals.plus /

› Roadstar /

› Roadstar RD6100 7-inch Bluetooth Indash Tape User Manual

Roadstar RD6100

Roadstar RD6100 7-inch Bluetooth Indash Tape User Manual

Model: RD6100

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Roadstar RD6100 7-inch Bluetooth Indash Tape. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

SAFETY INFORMATION

- Ensure proper wiring to prevent electrical damage to the unit or your vehicle.
- Do not operate the device in a manner that distracts from driving. Always prioritize road safety.
- Consult a professional for installation if you are unsure about wiring procedures.
- Keep the device away from water, moisture, and extreme temperatures to prevent malfunction.
- Do not attempt to disassemble or modify the unit, as this will void the warranty and may cause damage.

PRODUCT OVERVIEW

The Roadstar RD6100 is a versatile car multimedia system featuring a 7-inch digital TFT touch screen. It supports various audio and video formats, Bluetooth connectivity, and includes a remote control for convenient operation. The unit is designed for in-dash installation.

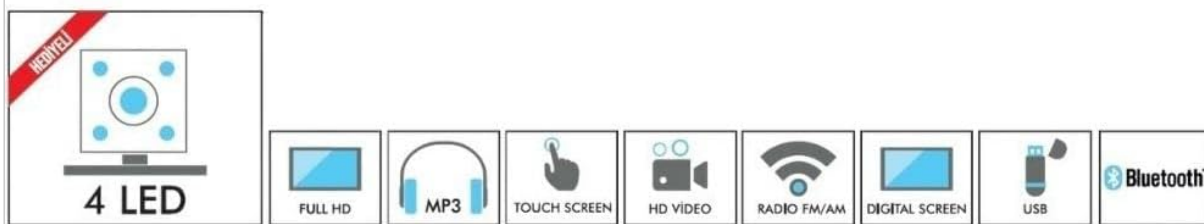


Figure 1: Roadstar RD6100 Main Unit and Remote Control. This image displays the car stereo unit with its 7-inch retractable screen extended, showing the main menu icons for Wallpaper, Bluetooth, Radio, AUX IN, Autolink, SD, USB, EQ, and Setup. Below the screen is the physical unit with a volume knob, mode button, and various other controls. To the right, a black remote control with numerous buttons is shown.

Main Features

- 7-inch Digital TFT Touch Screen
- Bluetooth Connectivity for hands-free calls and audio streaming
- USB 2.0 Port and SD Card Slot for media playback
- AUX Input for external audio devices
- Full HD 1080p Video Playback
- FM/AM Radio Tuner with station memory
- Rear View Camera Input for parking assistance
- Mirror-Link Functionality for Android and iOS devices
- Steering Wheel Control (SWC) Support
- 4 x 50W Power Output

SETUP AND INSTALLATION

Wiring Diagram (General Guidelines)

Proper wiring is crucial for the safe and correct operation of the RD6100. Refer to the detailed wiring diagram provided with your product packaging. Typically, connections include:

- **Power Wires:** Connect the Yellow wire to constant 12V, the Red wire to ignition 12V, and the Black wire to ground.
- **Speaker Wires:** Connect to your vehicle's speakers. Ensure correct polarity for optimal sound.
- **Antenna:** Connect to your car's radio antenna for FM/AM reception.
- **Rear View Camera Input:** Connect the video signal from the rear camera and the reverse trigger wire to the vehicle's reverse light circuit.
- **Steering Wheel Control (SWC):** Connect to your vehicle's SWC interface (if applicable) for integrated control.
- **Video Output:** Connect to external monitors if desired (2 pieces available).

Warning: Incorrect wiring can cause damage to the unit, your vehicle's electrical system, or lead to fire. If you are unsure about any wiring steps, seek professional installation.

Mounting the Unit

Install the unit into your vehicle's dashboard using the provided mounting hardware. Ensure it is securely fastened and does not obstruct driving visibility or access to other vehicle controls. Follow your vehicle's specific dashboard removal and installation procedures.

OPERATING INSTRUCTIONS

Power On/Off

- Press the **POWER** button on the unit or the remote control to turn the device on or off.

Touch Screen Interface

The 7-inch touch screen allows for intuitive control of all functions. Tap icons to select desired features or navigate menus.

Bluetooth Connectivity

- Tap the **Bluetooth** icon on the main menu.
- On your mobile device, search for available Bluetooth devices and select "RD6100" (or similar name) to pair.
- Once paired, you can stream audio wirelessly and make/receive hands-free calls through the unit.

AUX Input

- Connect an external audio device (e.g., MP3 player) to the AUX IN port using a 3.5mm audio cable.
- Tap the **AUX IN** icon on the main menu to switch the audio source to AUX mode.

Mirror-Link Function

- Tap the **Autolink** icon on the main menu.
- Follow the on-screen instructions to connect your Android or iOS smartphone for screen mirroring functionality.

Rear View Camera

When a rear view camera is properly connected and the vehicle is put into reverse gear, the display will automatically switch to the camera view, providing assistance for parking and maneuvering. The unit is compatible with cameras, including those with 4 LED illumination for improved night vision.

Equalizer (EQ)

- Tap the **EQ** icon to access audio equalization settings.
- Adjust bass, treble, balance, fader, and other audio parameters to customize your listening experience.

MAINTENANCE

- **Cleaning the Screen:** Use a soft, dry, lint-free cloth to gently wipe the touch screen. Avoid using abrasive cleaners, solvents, or alcohol-based solutions, as they may damage the screen surface.
- **General Cleaning:** Keep the unit free from dust and debris by periodically wiping the exterior with a soft, dry cloth.
- **Temperature:** Avoid exposing the unit to extreme temperatures (very hot or very cold) for extended periods, as this can affect its performance and lifespan.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on	Incorrect wiring; Blown fuse; Vehicle ignition off	Check power connections (Yellow, Red, Black wires). Inspect and replace fuse if necessary. Ensure vehicle ignition is on.
No sound output	Volume too low; Mute activated; Incorrect speaker wiring; Incorrect audio source selected	Increase volume. Deactivate mute function. Check speaker connections and polarity. Select the correct audio source (e.g., USB, Bluetooth, Radio).
Bluetooth not connecting or pairing	Device not in pairing mode; Incorrect pairing procedure; Bluetooth disabled on phone	Ensure Bluetooth is enabled on both the RD6100 and your mobile device. Re-attempt pairing by searching for "RD6100". Ensure no other devices are connected.
Rear camera not displaying image	Camera not connected; Reverse trigger wire not connected or faulty; Camera malfunction	Verify camera video and power connections. Ensure the reverse trigger wire is correctly wired to the vehicle's reverse light circuit. Test the camera if possible.
Touch screen unresponsive or inaccurate	System error; Screen calibration issue; Physical damage	Restart the unit. If a calibration option is available in settings, perform it. If issue persists, consult customer support.

SPECIFICATIONS

- **Display:** 7-inch Digital TFT Touch Screen
- **Video Resolution:** Full HD 1080p
- **USB:** USB 2.0, supports USB charging
- **Supported Audio Formats:** MP3, WMA, WAV, FLAC, OGG, APE
- **Supported Video Formats:** RM, RMVB, DVD(VOB), VCD(DAT), DTRX, XVID, MP4, H264, FLV, 3GP, HUNT, ASF
- **Radio:** FM (87.5 MHz - 108.00 MHz), AM (6 channels memory)
- **Power Output:** 4 x 50 W
- **Connectivity:** Bluetooth, USB, AUX, SD Card
- **Additional Features:** Rear View Camera Input, Video Output (2 pieces), Mirror-Link (Android, iOS), Steering Wheel Control (SWC) Support
- **Weight:** 1.96 kg

WARRANTY AND SUPPORT

For warranty information, technical assistance, or customer support, please refer to the documentation included with your purchase or contact Roadstar customer service directly. Keep your proof of purchase, such as the receipt or invoice, as it may be required for warranty claims.