JVC KW-R950BTS

JVC KW-R950BTS Bluetooth Car Stereo Receiver User Manual

Model: KW-R950BTS | Brand: JVC

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your JVC KW-R950BTS Bluetooth Car Stereo Receiver. Please read this manual thoroughly before using the product to ensure correct usage and optimal performance. Keep this manual for future reference.



Image: Front view of the JVC KW-R950BTS car stereo receiver, showing the LCD display, control knob, and various buttons.

Safety Information

- **Installation:** Ensure professional installation or follow wiring diagrams carefully to prevent damage to the unit or

vehicle. Disconnect the vehicle's battery negative terminal before installation.

- **Power Supply:** This unit is designed for 12V DC negative ground electrical systems.
- **Driving Safety:** Do not operate the unit in a way that distracts you from driving. Always keep your attention on the road.
- **Volume Level:** Avoid excessively high volume levels that may impair your ability to hear traffic sounds or emergency vehicles.
- **Moisture:** Do not expose the unit to moisture or water to prevent electric shock or malfunction.

What's in the Box

Upon opening the package, verify that all the following items are included:

- JVC KW-R950BTS Car Stereo Receiver
- Wiring Harness
- External Microphone
- Mounting Hardware (screws, brackets)
- Instruction Manuals



Image: The JVC KW-R950BTS receiver, wiring harness, external microphone, and documentation as packaged.

Setup and Installation

1. Pre-Installation Checks

- Ensure the vehicle's battery is disconnected before starting installation.
- Confirm the unit fits your vehicle's double-DIN dash opening (Dimensions: 7-1/16" W x 3-15/16" H x 6-3/16" D).
- Gather necessary tools: wire strippers, crimpers, electrical tape, screwdriver.

2. Wiring Connections

Refer to the wiring diagram provided with your unit and your vehicle's specific wiring information. Key connections include:

- **Yellow Wire:** Constant 12V (Battery)
- **Red Wire:** Switched 12V (Ignition/Accessory)
- **Black Wire:** Ground
- **Blue/White Wire:** Remote Turn-On (for amplifier/power antenna)
- **Speaker Wires:** Connect to corresponding vehicle speakers (e.g., White/White-Black for Front Left).
- **Microphone Input:** Connect the external microphone to the dedicated input on the rear of the unit for hands-free calling.
- **Antenna:** Connect the vehicle's antenna cable.



Image: Rear view of the JVC KW-R950BTS unit, highlighting the wiring harness connector, antenna input, microphone input, and RCA preamp outputs.

3. Mounting the Unit

1. Install the mounting sleeve into the vehicle's dash opening.
2. Secure the sleeve using the provided bending tabs.
3. Slide the receiver into the mounting sleeve until it locks into place.
4. Attach the trim ring.

After installation, reconnect the vehicle's battery and perform a functional test.

Operating Instructions

1. Basic Controls

- **Power/Source Button:** Press to turn on/off, rotate to select audio source (CD, USB, Bluetooth, AM/FM, AUX).
- **Volume Knob:** Rotate to adjust volume. Press to access menu options.
- **Display:** High-contrast 2-line LCD display shows track information, radio frequency, time, and menu settings.
- **Variable Color Illumination:** Customize the display and button illumination colors.



Image: The JVC KW-R950BTS unit demonstrating its customizable display and button illumination with multiple color options.

2. Bluetooth and Smartphone Features

1. **Pairing:**
    - Turn on Bluetooth on your smartphone.
    - Select "Bluetooth" as the source on the receiver.
    - Search for "KW-R950BTS" on your smartphone's Bluetooth device list and select it to pair.
2. **Hands-Free Calling:** Once paired, you can make and receive calls using the external microphone and car speakers.
3. **Audio Streaming:** Stream music wirelessly from your smartphone. The unit supports dual phone connection and a Streaming DJ feature allowing up to five Bluetooth audio source devices to be connected.
4. **Amazon Alexa Voice Control:** Utilize Amazon Alexa for voice commands through your connected smartphone.

3. Audio Features

- **CD/USB Playback:** Insert a CD or connect a USB memory device to play audio files (MP3, WMA, WAV, FLAC).
- **13-Band Equalizer:** Adjust audio frequencies for personalized sound. Access through the menu.
- **Digital Time Alignment:** Optimize sound staging for your vehicle's interior.
- **K2 Technology:** Enhances digital sound quality for all music sources.
- **Sound Lift:** Compensates for speakers mounted low in the doors, raising the perceived sound stage.
- **AM/FM Tuner:** Tune into radio stations.

Maintenance

- **Cleaning the Unit:** Use a soft, dry cloth to wipe the display and control panel. Avoid abrasive cleaners or solvents.
- **CD Player:** Do not insert damaged, warped, or dirty CDs. Use a commercially available CD cleaner if necessary.
- **USB Port:** Keep the USB port free from dust and debris.

Troubleshooting

Problem	Possible Cause	Solution
No power	Blown fuse; incorrect wiring; vehicle battery disconnected.	Check and replace fuse; verify wiring connections (Yellow, Red, Black); ensure battery is connected.
No sound	Volume too low; mute activated; speaker wiring incorrect.	Increase volume; deactivate mute; check speaker connections.
Bluetooth pairing fails	Bluetooth not enabled on phone; unit not in pairing mode; interference.	Ensure phone Bluetooth is on; put unit in pairing mode; move closer to unit; restart both devices.
CD/USB not playing	Disc/USB damaged or incompatible format; incorrect source selected.	Check disc/USB for damage; ensure files are compatible (MP3, WMA, WAV, FLAC); select correct source.

Specifications

- **Model:** KW-R950BTS
- **Display:** LCD, 2-line, variable color illumination
- **Tuner:** AM/FM
- **Media Playback:** CD, USB (MP3, WMA, WAV, FLAC)
- **Bluetooth:** Built-in, dual phone connection, Streaming DJ (up to 5 devices)
- **Voice Control:** Amazon Alexa compatible
- **Equalizer:** 13-band with Digital Time Alignment
- **Audio Enhancements:** K2 Technology, Sound Lift
- **Inputs:** Front-panel Auxiliary input, Front USB port (5V/1.5A)
- **Outputs:** 6-channel preamp outputs (4-volt front, rear, subwoofer)
- **Installation Size (WxHxD):** 7-1/16" x 3-15/16" x 6-3/16" (178 x 100 x 156mm)
- **Item Weight:** Approximately 3.1 pounds
- **Power Supply:** 12V DC (negative ground)

Warranty and Support

For warranty information, please refer to the separate warranty card included with your product or visit the official JVC website. Keep your proof of purchase for warranty claims.

For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact JVC customer support. Contact details can typically be found on the JVC website or in the included documentation.

JVC Official Website: www.jvc.com

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Example: How do I reset this device or fix this error?

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Model number, symptoms, what you tried, or the section of the manual you are using.

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