

Manuals.plus /

› JVC /

› JVC KD-X272BT Digital Media Receiver User Manual

## JVC KD-X272BT

# JVC KD-X272BT Digital Media Receiver User Manual

Model: KD-X272BT

## 1. INTRODUCTION

---

This manual provides detailed instructions for the installation, operation, and maintenance of your JVC KD-X272BT Digital Media Receiver. This unit features Bluetooth hands-free calling and audio streaming, a USB port for media playback and smartphone charging, a high-performance tuner, and advanced audio processing capabilities. Please read this manual thoroughly before using the product to ensure correct operation and to prevent damage.

## 2. SAFETY INFORMATION

---

- **Driving Safety:** Always operate the unit safely. Avoid operating the unit in a way that distracts you from driving.
- **Volume Level:** Keep the volume at a level where you can still hear outside sounds, such as emergency vehicle sirens. Prolonged exposure to high volume levels can cause hearing damage.
- **Installation:** Ensure proper installation by a qualified technician to prevent electrical shock or other hazards. Do not attempt to disassemble or modify the unit.
- **Power Supply:** Connect the unit only to a 12V DC power supply with a negative ground.
- **Moisture:** Do not expose the unit to moisture or water to prevent fire or electric shock.

## 3. PACKAGE CONTENTS

---

Verify that all items are present in the package:

- JVC KD-X272BT Digital Media Receiver Unit
- Wiring Harness
- Mounting Hardware (screws, mounting sleeve)
- External Microphone
- Instruction Manual

## 4. SETUP

### 4.1. Installation

The KD-X272BT features a shallow mounting depth of 100 mm, allowing for easier installation in various vehicle dashboards. Ensure sufficient space behind the dashboard for the unit and all wiring connections. Consult your vehicle's manual or a professional installer for specific dashboard removal and mounting procedures.



**Image 4.1:** Rear view of the JVC KD-X272BT unit, illustrating the main wiring harness connector, antenna input, and RCA pre-out connections. This view is crucial for understanding the physical connections required during installation.

### 4.2. Wiring Connections

Carefully connect the wiring harness to the vehicle's power, ground, and speaker wires. Ensure all connections are secure to prevent short circuits or malfunctions. The unit includes a dedicated microphone input for hands-free calling and RCA pre-outs for connecting external amplifiers (rear/subwoofer switchable).

- **Power (Yellow):** Connect to constant 12V power.
- **Accessory (Red):** Connect to switched 12V power (ignition).
- **Ground (Black):** Connect to a clean chassis ground point.
- **Speaker Wires:** Connect to your vehicle's speakers, observing correct polarity.
- **Antenna:** Connect your vehicle's antenna cable.
- **Microphone:** Plug the external microphone into the designated input for Bluetooth hands-free functionality.

## 5. OPERATING INSTRUCTIONS

### 5.1. Basic Operations



**Image 5.1:** Front panel of the JVC KD-X272BT, highlighting the main display, rotary control knob, and various function buttons for source selection, track control, and Bluetooth operations.

- **Power On/Off:** Press the SRC (Source) button to turn the unit on. Press and hold the SRC button to turn it off.
- **Volume Control:** Rotate the large rotary knob to adjust the volume level.
- **Source Selection:** Press the SRC button repeatedly to cycle through available sources (Tuner, USB, Bluetooth Audio, AUX).
- **Display:** The LC-VA display provides clear visibility of current source, track information, and settings. Brightness can be manually adjusted for both the display and buttons.
- **Removable Panel:** The control panel is removable for security. Refer to the quick start guide for removal and attachment instructions.

## 5.2. Bluetooth Functions

The KD-X272BT's Bluetooth module supports hands-free calling (HFP 1.7) and audio streaming (A2DP) with advanced AVRCP 1.6 control.

- **Pairing a Device:** Activate Bluetooth on your smartphone and search for available devices. Select 'KD-X272BT' from the list. Confirm the pairing code if prompted.
- **Hands-Free Calling:** Once paired, you can make and receive calls through the unit. Two phones can be connected simultaneously for hands-free operation.
- **Audio Streaming:** Stream music wirelessly from your smartphone. The AVRCP 1.6 profile allows for comfortable and targeted music searches directly from the car radio.
- **DJ Streaming:** Up to 5 smartphones can be connected via A2DP for audio playback, allowing for a 'DJ streaming' experience.

## 5.3. USB Playback

Connect a USB storage device to the front USB port for playback of digital audio files.

- **Supported Formats:** The unit supports AAC, MP3, WMA, WAV, and FLAC audio formats.
- **Smartphone Charging:** The USB port provides a 1.5A charging function for compatible smartphones.

## 5.4. Radio Tuner

The high-performance RDS tuner with digital processing ensures excellent radio reception.

- **Station Storage:** Store up to 24 stations (18 FM and 6 MW) for quick access.
- **RDS Functions:** Utilize RDS features such as program type (PTY), traffic announcement (TA), and alternative frequencies (AF).

## 5.5. Audio Settings

Optimize your sound experience with the unit's advanced audio processing features.

- **13-Band Parametric iEQ:** Fine-tune the audio frequency response to your preference.
- **DSP with Time Alignment:** Correct sound delays from different speaker positions for an optimized sound stage.
- **MOS-FET Amplifier:** The powerful 4 x 50W MOS-FET amplifier delivers robust sound output.
- **3-Way Active Filter:** Allows for precise crossover adjustments for speakers and subwoofers.

## 5.6. JVC Remote App

Control the KD-X272BT directly from your compatible Android smartphone using the JVC Remote App. Download the app from the Google Play Store.

## 6. MAINTENANCE

---

- **Cleaning the Unit:** Use a soft, dry cloth to wipe the unit's surface. Avoid using abrasive cleaners or solvents.
- **Removable Panel Care:** When removing the control panel, store it in its protective case to prevent scratches or damage.
- **USB Port:** Keep the USB port free from dust and debris.

## 7. TROUBLESHOOTING

---

If you encounter issues with your KD-X272BT, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Incorrect wiring; Blown fuse	Check power and ground connections; Replace fuse if necessary.
No sound	Volume too low; Mute activated; Incorrect speaker wiring	Increase volume; Deactivate mute; Check speaker connections.
Bluetooth pairing fails	Bluetooth not enabled on phone; Unit not in pairing mode	Ensure phone's Bluetooth is on; Put unit in pairing mode (refer to Bluetooth section).
USB device not recognized	Unsupported file format; Damaged USB device; Incorrect connection	Check file formats; Try a different USB device; Ensure secure connection.

If the problem persists after attempting these solutions, please contact JVC customer support or a qualified service center.

## 8. SPECIFICATIONS

---

Feature	Specification
Model Number	KD-X272BT
Brand	JVC
Connectivity	Bluetooth, USB
Output Power	4 x 50W MOS-FET
Bluetooth Profiles	HFP 1.7, A2DP, AVRCP 1.6
USB Charging	1.5A for smartphones
Audio Equalizer	13-Band Parametric iEQ
Pre-outs	1 (Rear/Subwoofer switchable, 2.5V)
Tuner	RDS Tuner with Digital Processing, 24 Presets (18 FM, 6 MW)
Supported Internet Services	Spotify
Mounting Depth	100 mm
Display	LC-VA (13 + 8 digits)

## 9. WARRANTY AND SUPPORT

This product is covered by a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions, including warranty period and coverage details. For technical support, service, or further inquiries, please visit the official JVC website or contact JVC customer service in your region. Keep your purchase receipt as proof of purchase for warranty claims.