JVC KD-X282DBT

JVC KD-X282DBT USB Bluetooth DAB+ Car Radio User Manual

Model: KD-X282DBT

1. Introduction

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your JVC KD-X282DBT USB Bluetooth DAB+ Car Radio. Please read this manual thoroughly before using the product to ensure proper and safe operation.



Figure 1: JVC KD-X282DBT Car Radio Front View. This image displays the main unit with its control knob, buttons, USB port, and display screen.

2. Package Contents

Before installation, ensure all components are present:

- JVC KD-X282DBT Digital Media Receiver
- Mounting Frame
- Front Panel
- Release Tool

- Hands-Free Microphone
- ISO Adapter Cable

3. Setup and Installation

Proper installation is crucial for optimal performance. It is recommended to have this unit installed by a qualified professional.

3.1 Wiring Connections

Connect the provided ISO adapter cable to your vehicle's wiring harness. Ensure all connections are secure to prevent malfunctions.

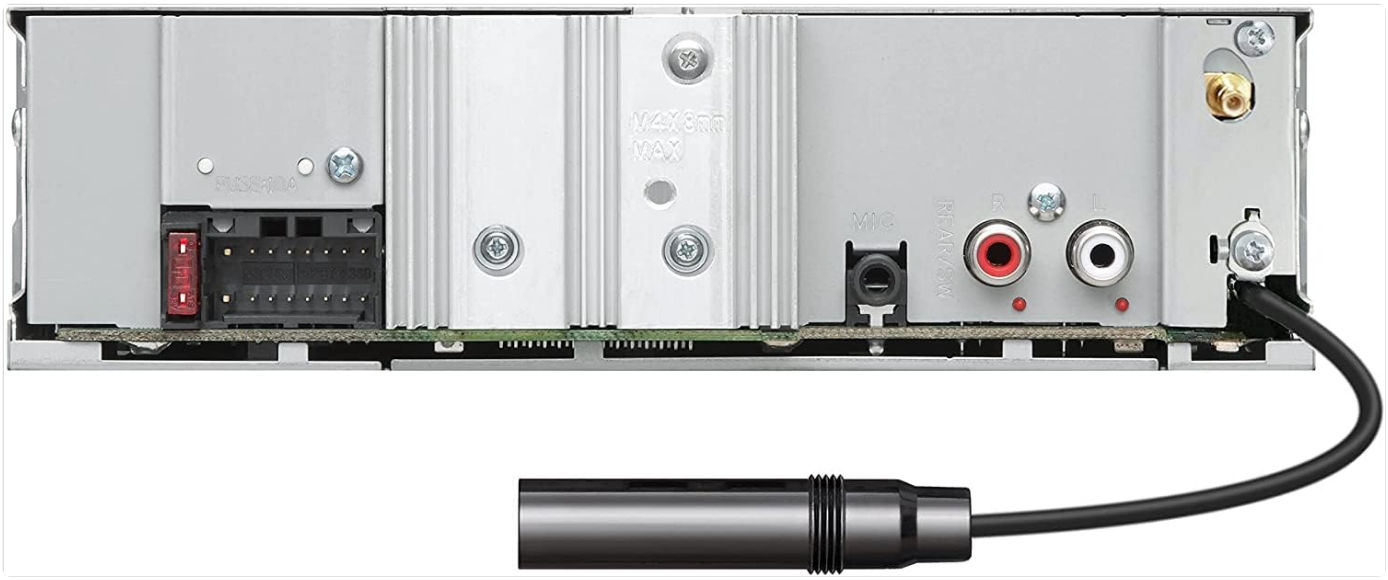


Figure 2: Rear Connections of the KD-X282DBT. This image illustrates the various input and output ports on the back of the unit, including the main power/speaker harness, RCA pre-outs, and the microphone input.

3.2 Mounting the Unit

Use the supplied mounting frame to secure the unit into the dashboard. Ensure the unit is firmly in place to prevent vibration and damage.

3.3 Microphone Installation

Install the hands-free microphone in a location that allows for clear voice pickup, such as on the sun visor or dashboard, away from air vents.

4. Operating Instructions

4.1 Basic Operation

- **Power On/Off:** Press the **SRC** button to turn the unit on or off.
- **Volume Control:** Rotate the large central knob to adjust the volume.
- **Source Selection:** Press the **SRC** button repeatedly to cycle through available sources (DAB, FM, AM, Bluetooth Audio, USB, AUX).

4.2 DAB+ Digital Radio

The KD-X282DBT features an integrated DAB+ tuner for clear digital radio reception. It supports "Seamless Blending" for smooth transitions between DAB and FM where digital signal is weak.

- **Station Search:** In DAB mode, press the search buttons to scan for available stations.
- **Station Presets:** Store your favorite DAB stations using the preset buttons (1-6). The unit has permanent memory for 24 stations (18 x FM, 6 x MW/LW).



Figure 3: DAB+ Tuner Features. This graphic highlights the benefits of the integrated DAB+ tuner, including a wider selection of stations, superior sound clarity, and stable reception.

4.3 Bluetooth Connectivity

Connect your smartphone or other Bluetooth-enabled devices for hands-free calling and audio streaming.

- **Pairing:** Enable Bluetooth on your device and search for "JVC KD-X282DBT". Select it to pair.
- **Hands-Free Calling:** Use the dedicated **VOICE** button for voice control and answering calls.
- **Audio Streaming:** Stream music from your device to the car radio.
- **Multi-Phone Connection:** The unit supports connecting two phones simultaneously for calls and up to five smartphones for music streaming (JVC Streaming DJ).



Figure 4: Two-Phone Simultaneous Connection. This image demonstrates the ability to connect two mobile phones to the unit at the same time via Bluetooth.



Figure 5: JVC Streaming DJ. This graphic illustrates the feature allowing up to five smartphones to be connected for shared music streaming.

4.4 USB and AUX Playback

- **USB:** Connect a USB device to the front USB port for audio playback. The unit supports MP3, WMA, and FLAC formats.
- **AUX:** Connect external audio players via the 3.5mm AUX input.

4.5 Audio Settings and Features

Customize your listening experience with advanced audio features:

- **Equalizer (EQ):** Adjust sound frequencies to match your preference.
- **DSP (Digital Sound Processor):** Fine-tune audio output for optimal sound quality.
- **Time Alignment:** Adjust the timing of sound from each speaker to create a perfect soundstage.
- **Sound Elevation:** Virtually adjust the height of the sound image.
- **Volume Link EQ:** Compensates for road noise by boosting specific frequencies.
- **K2 Technology:** JVC's original technology that reproduces the original sound by extending the frequency range.



Figure 6: Sound Time Alignment. This image illustrates how the unit adjusts sound synchronization from each speaker based on their position relative to the listening point.



Figure 7: Sound Elevation. This graphic demonstrates the virtual adjustment of speaker height by manipulating sound frequencies.

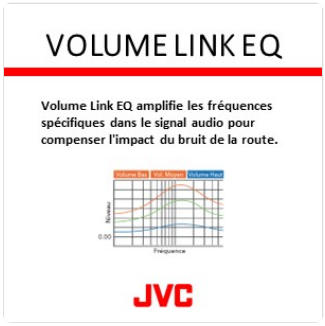


Figure 8: Volume Link EQ. This graphic explains how Volume Link EQ amplifies specific frequencies to counteract road noise.



Figure 9: K2 Technology. This graphic describes K2 Technology as an original JVC innovation that enhances sound quality by extending the frequency range.

4.6 JVC Remote Control App

Control your car radio directly from your smartphone using the "JVC Remote" application.



Figure 10: JVC Remote Control App. This image shows the smartphone application that allows direct control of the JVC car radio.

5. Maintenance

- **Cleaning the Unit:** Use a soft, dry cloth to clean the unit's surface. Do not use abrasive cleaners or solvents.
- **Cleaning the Front Panel:** The front panel is removable. Clean it gently with a soft cloth.
- **USB Port:** Keep the USB port free from dust and debris.

6. Troubleshooting

If you experience issues with your KD-X282DBT, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Incorrect wiring; Blown fuse; Vehicle ignition off.	Check wiring connections; Replace fuse; Turn vehicle ignition on.
No Sound	Volume too low; Mute activated; Speaker wiring issue.	Increase volume; Deactivate mute; Check speaker connections.
Bluetooth Pairing Fails	Device not in pairing mode; Unit not discoverable; Interference.	Ensure device Bluetooth is on and discoverable; Reset unit; Move closer to unit.

Problem	Possible Cause	Solution
Poor Radio Reception	Antenna not connected; Weak signal area; Antenna damage.	Check antenna connection; Try a different location; Inspect antenna for damage.

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

7. Specifications

Feature	Specification
Brand	JVC
Model Number	KD-X282DBT
Connectivity Technology	Bluetooth, USB
Special Features	Integrated Bluetooth, Volume Control, Voice Control, DAB, DSP, RDS, Subwoofer Control, Digital Display Screen, Equalizer
Total USB Ports	1 (Type A)
Compatible Devices	Smartphone
Audio Output Mode	Stereo
Surround Sound Channel Configuration	4.0
Product Dimensions (L x W x H)	10 x 23 x 20 cm
Item Weight	850 Grams

8. Warranty Information

This JVC KD-X282DBT unit comes with a**2-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or improper installation.

9. Customer Support

For further assistance, technical support, or service inquiries, please visit the official JVC website or contact their customer service department. Refer to the JVC website for the most up-to-date contact information and support resources.
JVC Official Website: www.jvc.com

© 2024 JVC. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

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

Details

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

Submit question