

JVC RX-5000R

JVC RX-5000R AV Receiver Instruction Manual

Model: RX-5000R

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1. INTRODUCTION

Thank you for purchasing the JVC RX-5000R AV Receiver. This manual provides detailed instructions for the proper setup, operation, and maintenance of your receiver. Please read this manual thoroughly before using the unit to ensure optimal performance and safety.

The JVC RX-5000R is an advanced audio/video receiver designed to deliver high-quality sound for your home entertainment system. It features Dolby Surround Pro Logic compatibility, providing 100 watts of output power per channel across five channels. With its 5 separate power amplifier stages and 5.1-channel analog input, it supports multi-channel audio formats like Dolby Digital. The integrated RDS tuner allows for convenient radio listening with memory for up to 30 FM and 15 MW/LW stations. The receiver also includes a subwoofer output and 5 audio inputs for connecting various devices. A remote control is included for ease of use.

2. IMPORTANT SAFETY INFORMATION

Always follow these basic safety precautions when using your JVC RX-5000R AV Receiver to reduce the risk of fire, electric shock, and injury:

- **Power Source:** Connect the unit only to an AC outlet of the voltage specified on the rear panel.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings. Allow sufficient space around the unit for proper airflow.
- **Water and Moisture:** Do not expose the unit to rain or moisture. Do not place objects filled with liquids, such as vases, on the unit.
- **Heat:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

- **Cleaning:** Unplug the unit from the wall outlet before cleaning. Use a dry cloth for cleaning.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Lightning:** Unplug the unit during lightning storms or when unused for long periods.

3. SETUP AND CONNECTIONS

This section guides you through connecting your JVC RX-5000R AV Receiver to your speakers, audio sources, and power supply.

3.1 Unpacking

Carefully remove the receiver and all accessories from the packaging. Verify that all components are present:

- JVC RX-5000R AV Receiver
- Remote Control
- FM Antenna
- AM Loop Antenna
- Power Cord
- Instruction Manual (this document)

3.2 Speaker Connections

The RX-5000R supports a 5.1 channel speaker configuration. Connect your speakers as follows:

1. **Front Speakers (Left/Right):** Connect to the FRONT L/R terminals.
2. **Center Speaker:** Connect to the CENTER terminal.
3. **Surround Speakers (Left/Right):** Connect to the SURROUND L/R terminals.
4. **Subwoofer:** Connect an active subwoofer to the SUBWOOFER PRE OUT jack.

Note: Ensure correct polarity (+ to + and - to -) for all speaker connections to prevent phase issues and ensure optimal sound quality.



Figure 1: Rear panel of the JVC RX-5000R showing speaker and audio input terminals. This image illustrates the various connection points for speakers and external audio devices.

3.3 Audio Source Connections

Connect your audio components (CD player, DVD player, TV, etc.) to the appropriate audio input jacks on the rear panel.

- **Analog Audio Inputs:** The receiver features 5 analog audio inputs. Use RCA cables to connect your devices to these inputs (e.g., CD, TAPE, VCR, DVD, TV).
- **Digital Audio Inputs:** The receiver supports Optical and Coaxial digital audio inputs. Connect compatible devices (e.g., DVD player, game console) to these inputs for high-quality digital sound.

- **5.1 Channel Analog Input:** For devices with multi-channel analog outputs (e.g., older DVD players with built-in Dolby Digital/DTS decoders), connect to the 5.1 CH INPUT jacks.

3.4 Antenna Connections

Connect the supplied FM and AM antennas for radio reception.

- **FM Antenna:** Connect the FM wire antenna to the FM 75Ω COAXIAL terminal. Extend the wire for best reception.
- **AM Antenna:** Assemble the AM loop antenna and connect its wires to the AM terminals. Position the antenna for optimal reception.

3.5 Power Connection

After all audio and speaker connections are made, connect the power cord to the AC inlet on the receiver and then to a wall outlet.

4. BASIC OPERATION

This section covers the fundamental operations of your JVC RX-5000R AV Receiver.

4.1 Power On/Off

Press the **POWER** button on the front panel or the remote control to turn the receiver on or off.

4.2 Input Selection

Use the **INPUT SELECTOR** knob on the front panel or the corresponding input buttons (e.g., CD, DVD, TV/VCR) on the remote control to select your desired audio source.

4.3 Volume Control

Adjust the master volume using the large **VOLUME** knob on the front panel or the **VOLUME +/-** buttons on the remote control.

4.4 Sound Mode Selection

The RX-5000R offers various sound modes, including Dolby Surround Pro Logic. Press the **SOUND MODE** button on the remote control or front panel to cycle through available modes and select the one best suited for your content.

4.5 Tuner Operation (RDS)

To listen to the radio:

1. Select the **TUNER** input.
2. Press **BAND** to select FM or AM.
3. Use the **TUNING +/-** buttons to manually tune to a station or **AUTO TUNE** to scan for stations.
4. To store a station, press **MEMORY**, then use the **PRESET +/-** buttons to select a preset number, and press **MEMORY** again to confirm. The receiver supports up to 30 FM and 15 MW/LW presets.
5. The **RDS** (Radio Data System) feature, if available on the broadcast, will display station information such as program type or station name.

5. MAINTENANCE

Proper care and maintenance will ensure the longevity and optimal performance of your JVC RX-5000R AV Receiver.

- **Cleaning the Unit:** Disconnect the power cord before cleaning. Use a soft, dry cloth to wipe the exterior surfaces. Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.
- **Ventilation:** Regularly check that the ventilation openings are not obstructed by dust or debris. Blocked vents can lead to overheating.
- **Power Cord:** Inspect the power cord periodically for any signs of damage. If damaged, contact qualified service personnel for replacement.
- **Storage:** If storing the unit for an extended period, disconnect it from the power outlet and store it in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

Before contacting service personnel, please refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
No power	Power cord not connected securely. Power outlet is not active.	Ensure the power cord is firmly plugged into the receiver and the wall outlet. Test the outlet with another device.
No sound	Incorrect input selected. Speaker wires are loose or incorrectly connected. Volume is too low or muted. Source device is not playing or has low volume.	Select the correct input source. Check all speaker connections for correct polarity and secure fit. Increase volume and check if MUTE is active. Ensure the source device is playing and its volume is adequate.
Poor radio reception	Antenna not properly connected or positioned. Interference from other electronic devices.	Adjust the position and orientation of the FM and AM antennas. Move the receiver or antennas away from other electronic devices.
Remote control not working	Batteries are depleted or incorrectly inserted. Obstruction between remote and receiver.	Replace batteries with new ones, ensuring correct polarity. Remove any obstacles and ensure the remote is pointed at the receiver's sensor.

7. SPECIFICATIONS

These specifications are subject to change without notice.

- **Model:** JVC RX-5000R
- **Output Power:** 100 Watts per channel (5 channels)
- **Audio Channels:** 5.1 Surround Sound
- **Surround Sound Configuration:** 5.1
- **Audio Output Mode:** Surround
- **Connectivity Technology:** Optical, Coaxial, 3.5 mm jack (for audio inputs)
- **Audio Inputs:** 5 Analog Audio Inputs, 5.1 Channel Analog Input, Digital Optical, Digital Coaxial

- **Tuner:** RDS (Radio Data System) compatible FM/AM tuner
- **Tuner Presets:** 30 FM, 15 MW/LW
- **Control Type:** Push button, Remote control
- **Compatible Devices:** Television, CD players, DVD players, etc.
- **Manufacturer:** JVC

Note: The listed "Aantal HDMI-poorten: 5" in some product data refers to general input count and not necessarily HDMI video ports for this model. This receiver primarily handles audio and older video signals via analog connections.

8. WARRANTY AND CUSTOMER SUPPORT

JVC products are manufactured to the highest quality standards. For warranty information, please refer to the separate warranty card included with your product or visit the official JVC website for your region. For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact JVC customer support. Contact details can typically be found on the official JVC website or in your product's packaging.

When contacting support, please have your model number (RX-5000R) and serial number ready.