

RCA RPJ119

RCA RPJ119 Home Theater Projector

User Instruction Manual

1. INTRODUCTION

Thank you for purchasing the RCA RPJ119 Home Theater Projector. This projector is designed to provide a high-quality viewing experience for movies, games, and presentations in your home. Featuring 2200 lumens, 720p native resolution (supporting 1080p input), dual HDMI inputs, and a built-in 2-watt speaker, it offers versatile connectivity and ease of use. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your projector to ensure optimal performance and longevity.

Please read this manual thoroughly before operating the device and retain it for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of electric shock, fire, or damage to the unit, please observe the following safety precautions:

- Do not expose the projector to rain or moisture.
- Do not place the projector near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not look directly into the projector lens when the lamp is on.

3. PACKAGE CONTENTS

Please check that all items are present and in good condition:

- RCA RPJ119 Home Theater Projector
- Remote Control
- Power Adapter
- User Manual (this document)

4. PRODUCT OVERVIEW

4.1 Projector Front and Top View



Figure 4.1: Front and Top View of the RCA RPJ119 Projector with Remote Control.

This image displays the projector from a front-top perspective, highlighting the main projection lens, the focus adjustment dial, and the keystone correction dial located above the lens. The top panel features various control buttons for navigation and settings. The included remote control is also visible, providing convenient wireless operation.

- **Projection Lens:** Emits the image onto the screen.
- **Focus Adjustment Dial:** Used to sharpen the image.
- **Keystone Correction Dial:** Adjusts the image shape to correct trapezoidal distortion.
- **Control Panel:** Buttons for power, menu, navigation, and input selection.

4.2 Projector Side View (Ports and Ventilation)



Figure 4.2: Side View of the RCA RPJ119 Projector, highlighting connectivity ports and ventilation.

This image shows the side of the projector, revealing the ventilation grilles essential for heat dissipation. Various input and output ports are visible, including USB, HDMI, and other connections, allowing for diverse media source integration.

- **VGA Port:** For connecting to computers.
- **HDMI IN (x2):** For connecting high-definition devices like Blu-ray players, gaming consoles, or streaming sticks.
- **USB 2.0 Port:** For connecting USB storage devices (up to 1000GB) to play media files.
- **TF Card Slot:** For inserting a TF (MicroSD) card (up to 1000GB) to play media files.
- **3.5mm Earphone Jack:** For connecting external headphones or speakers.
- **AV IN Port:** For connecting older devices using an RCA composite cable.
- **DC IN Port:** For connecting the power adapter.
- **Ventilation Grilles:** Essential for cooling the projector during operation.

5. SETUP

5.1 Placement

Place the projector on a stable, flat surface. For optimal viewing, position the projector directly in front of the screen or wall. The projection distance can range from 1 to 5 meters (approximately 32 to 150 inches) to achieve a desired screen size.

5.2 Power Connection

1. Connect the power adapter to the DC IN port on the projector.
2. Plug the other end of the power adapter into a wall outlet.

5.3 Input Connections

Connect your desired media source to the projector using the appropriate port:

- **HDMI:** For high-definition video and audio from devices like Blu-ray players, game consoles, or streaming devices. Use one of the two HDMI IN ports.

- **USB:** Insert a USB flash drive (up to 1000GB) into the USB 2.0 port to play media files directly.
- **TF Card:** Insert a TF (MicroSD) card (up to 1000GB) into the TF Card slot to play media files directly.
- **VGA:** Connect to a computer's VGA output for video. Audio will need to be connected separately via the 3.5mm earphone jack if desired.
- **AV:** Use an AV cable (not included) to connect to older devices with composite video and stereo audio outputs.
- **Audio Out:** Connect external speakers or headphones to the 3.5mm earphone jack for enhanced audio.

5.4 Focus and Keystone Adjustment

1. Turn on the projector.
2. Rotate the **Focus Adjustment Dial** (located above the lens) until the projected image appears sharp and clear.
3. If the image appears trapezoidal (wider at the top or bottom), rotate the **Keystone Correction Dial** (also above the lens) to square the image.

6. OPERATING THE PROJECTOR

6.1 Power On/Off

- **Power On:** Press the Power button on the projector's control panel or the remote control. The indicator light will turn blue.
- **Power Off:** Press the Power button again. The indicator light will turn red.

6.2 Selecting Input Source

After powering on, you may need to select the correct input source:

1. Press the 'Source' or 'Input' button on the projector's control panel or the remote control.
2. Use the arrow keys to navigate through the available input options (HDMI1, HDMI2, USB, TF, VGA, AV).
3. Press 'OK' or 'Enter' to confirm your selection.

6.3 Menu Navigation and Settings

To access and adjust projector settings:

1. Press the 'Menu' button on the remote or control panel.
2. Use the arrow keys to navigate between menu categories (e.g., Picture, Sound, Time, Option).
3. Press 'OK' or 'Enter' to enter a sub-menu or confirm a selection.
4. Use arrow keys to adjust values or select options.
5. Press 'Menu' or 'Exit' to go back or exit the menu.

Common Settings:

- **Picture Mode:** Standard, Dynamic, Mild, User (adjust Brightness, Contrast, Color, Sharpness).
- **Aspect Ratio:** 4:3, 16:9, Auto.
- **Sound Mode:** Standard, Music, Movie, Sports, User (adjust Treble, Bass).
- **Sleep Timer:** Set a time for the projector to automatically turn off.

6.4 Media Playback (USB/TF Card)

When a USB drive or TF card is inserted, the projector will typically prompt you to select the media type (Movie, Music, Photo, Text). Navigate and select your desired file to play.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your projector.

7.1 Lens Cleaning

Use a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens in a circular motion. Do not use abrasive cleaners or excessive force, as this can scratch the lens.

7.2 General Cleaning

Wipe the projector's casing with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, but ensure no liquid enters the ventilation openings or ports. Do not use chemical cleaners.

7.3 Storage

When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to use the original packaging or a protective case to prevent dust accumulation and physical damage.

8. TROUBLESHOOTING

If you encounter issues with your projector, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image projected	Power cable loose; Incorrect input source; Source device not on/connected; Lens cap on.	Check power connection; Select correct input source; Ensure source device is on and connected; Remove lens cap.
Image is blurry	Focus not adjusted; Projector too close/far.	Adjust the Focus Dial; Adjust projection distance.
Image is trapezoidal	Keystone not adjusted; Projector not perpendicular to screen.	Adjust the Keystone Dial; Reposition the projector.
No sound	Volume too low/muted; Incorrect audio output selected on source; External speakers not connected/powered.	Increase volume; Check audio settings on source device; Ensure external speakers are connected and powered on.
Remote control not working	Batteries dead/incorrectly inserted; Obstruction between remote and projector.	Replace batteries; Ensure clear line of sight to IR receiver on projector.

9. SPECIFICATIONS

Feature	Detail
Model	RPJ119
Brightness	2200 Lumens
Native Resolution	WVGA (800 x 480)
Maximum Supported Resolution	Full HD (1920 x 1080)
Projection Type	1 LED Light Source + 4" LCD Display
LED Bulb Life	20,000 Hours
Projection Distance	1 to 5 meters (32-150 inches)
Connectivity	VGA, 2x HDMI IN, USB 2.0, TF Card, 3.5mm Earphone, AV IN, DC IN
USB/TF Card Support	Up to 1000GB
Built-in Speaker	2 Watt
Item Weight	2.94 pounds
Package Dimensions	12 x 8 x 4 inches
Recommended Use	Home Cinema
Special Feature	Portable

10. WARRANTY AND SUPPORT

This product is sold as an Amazon Renewed item. Amazon Renewed products are professionally inspected and tested to work and look like new. If you are not satisfied with your purchase, renewed products are eligible for replacement or refund under the [Amazon Renewed Guarantee](#).

For further assistance or technical support, please refer to the Amazon Renewed customer service channels or the official RCA support website.

