RCA 008-06-8991

RCA 480P Home Movie Projector User Manual

Model: 008-06-8991

IMPORTANT SAFETY INSTRUCTIONS

Please read all safety instructions carefully before using this product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Do not expose the projector to rain or moisture to prevent fire or electric shock.
- Do not open the projector casing. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Ensure proper ventilation. Do not block any ventilation openings.
- Place the projector on a stable, flat surface to prevent it from falling.
- Use only the power adapter supplied with the projector.
- Avoid direct eye exposure to the projector lens when the lamp is on.
- Unplug the projector from the power outlet during lightning storms or when unused for long periods.
- Keep the projector away from heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.

PRODUCT OVERVIEW

Package Contents

Verify that all items listed below are included in your package:

- RCA 480P Home Movie Projector
- Remote Control (batteries not included)
- Lens Cover
- AC Power Adapter
- User Manual (this document)

The RCA 480P Home Movie Projector shown alongside its standard accessories, including the remote control, AC power adapter, and lens cover.

Projector Components

Familiarize yourself with the various parts of your projector:

Front view of the RCA 480P Home Movie Projector, highlighting the projection lens and side ventilation grilles.

Rear view of the RCA 480P Home Movie Projector, displaying the connectivity panel with dual HDMI ports, A/V input, USB port, and TF/microSD card slot.

Top view of the RCA 480P Home Movie Projector, illustrating the onboard control panel with navigation, menu, source, and power buttons.

The remote control for the RCA 480P Home Movie Projector, showing button layout for power, navigation, volume, source selection, and other functions.

SETUP

Placement

Position the projector on a flat, stable surface. The distance from the projection surface (wall or screen) will determine the image size. The projector offers flexible projection sizes from 30 inches to 150 inches. For optimal viewing, a picture size between 37 inches and 100 inches is recommended.

150"
100"
30"

UP TO 150"
Screen Display

Illustration demonstrating the flexible projection sizes of the RCA projector, ranging from 30 to 150 inches, with recommended sizes between 37 and 100 inches for optimal clarity.

Power Connection

Connect the supplied AC power adapter to the projector's DC IN port, then plug the adapter into a standard electrical outlet. The power indicator light on the projector will illuminate.
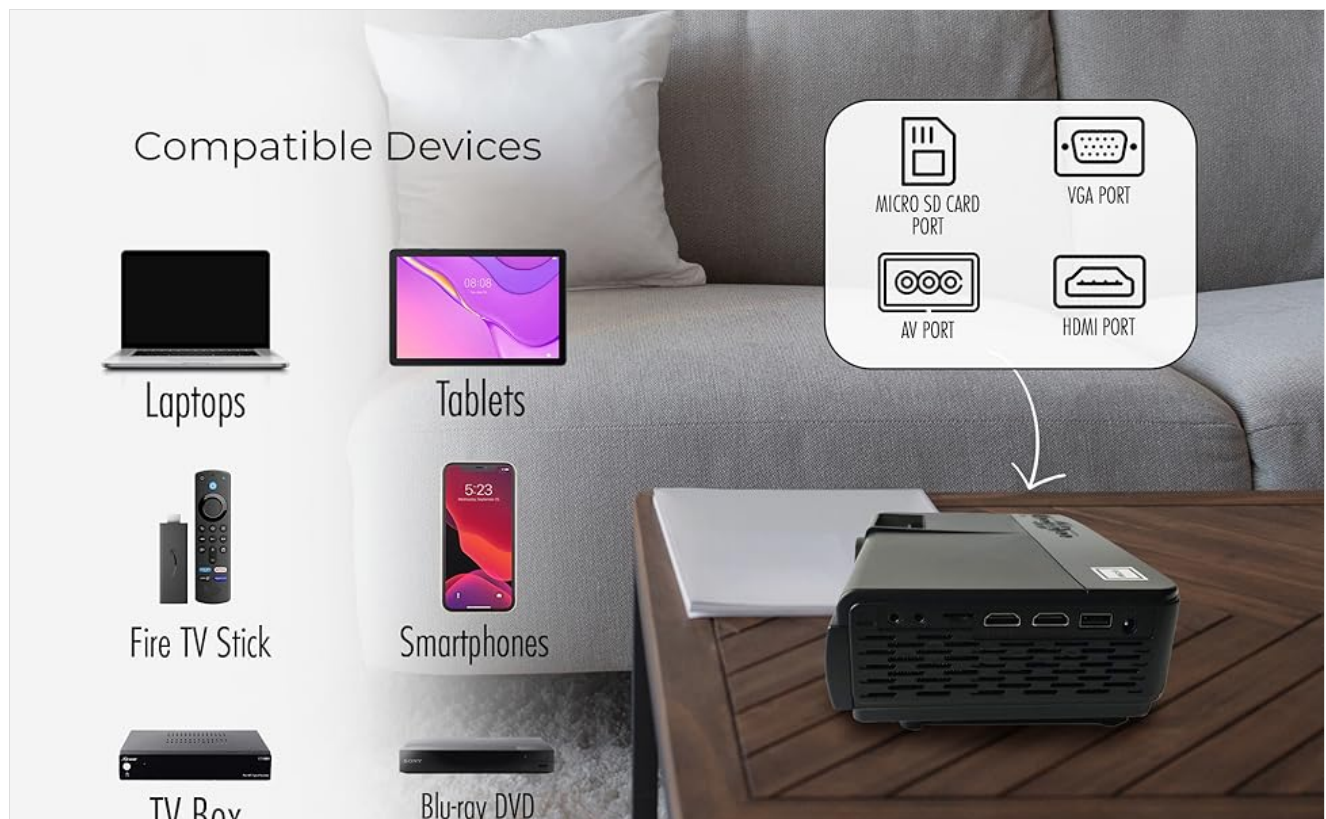
Adjusting Image

- **Focus Adjustment:** Rotate the focus ring on the projector lens until the image appears sharp and clear.
- **Keystone Adjustment:** Use the keystone adjustment knob (if available) to correct trapezoidal distortion, ensuring the image is rectangular.
- **Height Adjustment:** Extend the footpad at the bottom of the projector to adjust the projection angle and height as needed.

OPERATING INSTRUCTIONS

Connecting Devices

The projector supports various input sources. Ensure the projector is powered on before connecting devices.

A visual guide to compatible devices and input ports on the RCA projector, including laptops, tablets, smartphones, Fire TV Stick, TV Box, and Blu-ray DVD players, connecting via Micro SD Card, VGA, AV, and HDMI ports.

- **HDMI:** Connect devices like laptops, DVD players, gaming consoles, or streaming sticks using an HDMI cable to one of the two HDMI ports. Select the corresponding HDMI input source on the projector.
- **USB:** Insert a USB flash drive into the USB port to play media files (video, audio, pictures). Select the USB input source.
- **VGA:** Connect a computer or laptop using a VGA cable to the VGA port. Select the VGA input source.
- **AV:** Use the A/V input for older devices like VCRs or some DVD players. Select the AV input source.
- **TF/MicroSD Card:** Insert a TF or MicroSD card into the designated slot to play media files. Select the TF/MicroSD input source.

Bluetooth Audio Connection

The projector features built-in Bluetooth 4.2, allowing you to connect to external Bluetooth-enabled speakers or headphones for an enhanced audio experience.

1. Ensure your Bluetooth audio device is in pairing mode.
2. On the projector, navigate to the Bluetooth settings menu.
3. Select your Bluetooth device from the list of available devices to pair.
4. Once connected, audio will be routed through your external Bluetooth device.

An illustration depicting the projector's Bluetooth 4.2 capability, allowing seamless connection to Bluetooth-enabled speakers, headphones, and earbuds for enhanced audio output.

Media Playback

After selecting the appropriate input source, the projector will display the content from your connected device or media storage. Use the remote control or onboard buttons to navigate menus, play/pause, adjust volume, and select media files.

MAINTENANCE

- **Lens Cleaning:** Use a soft, lint-free cloth specifically designed for optical lenses to gently clean the projector lens. Avoid abrasive materials or harsh chemicals.
- **Dust Removal:** Periodically clean the projector's ventilation openings with a soft brush or compressed air to prevent dust buildup, which can affect performance and lifespan.
- **Storage:** When not in use, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. Always replace the lens cover to protect the lens from dust and scratches.
- **Power Cord:** Inspect the power cord regularly for any damage. If damaged, discontinue use and replace with an authorized power adapter.

TROUBLESHOOTING

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

- **No Power:**

    - Ensure the power adapter is securely connected to both the projector and a working electrical outlet.
    - Check if the power outlet is functional by plugging in another device.
    - Press the power button on the projector or remote control.

- **No Image / Blank Screen:**

    - Verify that the correct input source is selected (e.g., HDMI1, USB, AV).
    - Check the connection cable (HDMI, VGA, etc.) between the projector and the source device. Try a different cable if possible.
    - Ensure the source device is powered on and outputting video.

- **Poor Image Quality (Blurry/Distorted):**

    - Adjust the focus ring on the lens until the image is clear.
    - Use the keystone adjustment knob to correct any trapezoidal distortion.
    - Ensure the projection surface is flat and smooth.
    - Check the distance to the screen; adjust for optimal size (recommended 37-100 inches).

- **No Sound:**

    - Increase the volume on both the projector and the connected source device.
    - If using Bluetooth, ensure the external audio device is properly paired and its volume is up.
    - Check audio settings on the source device to ensure audio is being sent to the correct output.

- **Bluetooth Connection Issues:**

    - Ensure the Bluetooth audio device is in pairing mode and within range.
    - Turn off and on the Bluetooth function on both the projector and the audio device, then try pairing again.
    - Clear previous Bluetooth connections on both devices if necessary.

SPECIFICATIONS

Feature	Specification
Model Number	008-06-8991
Display Resolution	Native 800 x 480 (Supports 1080p, 1080i, 720p, 576i, 480p, 480i via HDMI)
White Brightness	33 Lumens

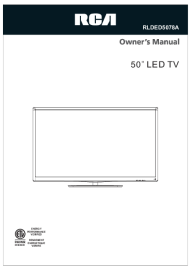| Feature	Specification
Projection Size	30 - 150 inches (Recommended: 37 - 100 inches)
Connectivity Technology	Bluetooth 4.2, HDMI (x2), USB, VGA, A/V, TF/MicroSD Card
Product Dimensions	7.9 in. L x 6.1 in. D x 3.3 in. H (6.1 x 7.9 x 3.3 inches)
Item Weight	1 pound
Recommended Use	Home Cinema

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided at the time of purchase or visit the official RCA support website. Keep your proof of purchase for warranty claims.

Related Documents - 008-06-8991

[RCA RPJ167 Full HD Projector User Guide | Setup, Features & Troubleshooting](#)
Comprehensive user guide for the RCA RPJ167 Full HD Projector. Learn about setup, connections, settings, troubleshooting, and specifications. Features 450 ANSI lumens, 1080p resolution, and multiple input options.

[RCA RPJ104 Multimedia Projector: Instruction Manual and User Guide](#)
Comprehensive instruction manual for the RCA RPJ104 Multimedia Projector, covering setup, operation, features, specifications, and warranty information.

	[RCA 50" LED TV Owner's Manual - RLDED5078A](#) Owner's manual for the RCA 50-inch LED TV, model RLDED5078A. Covers safety instructions, installation, remote control operation, picture and sound settings, channel setup, troubleshooting, and parental controls.
	[RCA RPJ170-COMBO Home Theater Projector Instruction Manual](#) Instruction manual for the RCA RPJ170-COMBO Home Theater Projector, covering setup, operation, connectivity, and specifications.
	[RCA RPJ166-COMBO Home Theater Projector Instruction Manual](#) Instruction manual for the RCA RPJ166-COMBO Home Theater Projector, covering setup, operation, connectivity, and specifications.
	[RCA RPJ107-BLACK Bluetooth Home Theater Projector: Instruction Manual & Setup Guide](#) Comprehensive instruction manual for the RCA RPJ107-BLACK Bluetooth Home Theater Projector. Learn about setup, connections, operation, media playback, Bluetooth pairing, menu settings, specifications, safety, and warranty.