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- › RD /
- › RD 812 Mini Full HD LED Projector User Manual

RD 812

RD 812 Mini Full HD LED Projector User Manual

Model: 812

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your RD 812 Mini Full HD LED Projector. Please read this manual thoroughly before using the projector and retain it for future reference.

The RD 812 projector is designed for home cinema use, offering a projection size of 35 to 150 inches. It features a long-lasting LED lamp and supports various input sources.

SAFETY INFORMATION

- Do not look directly into the projector lens when the lamp is on.
- Ensure proper ventilation around the projector to prevent overheating. Do not block ventilation openings.
- Use only the power adapter supplied with the projector.
- Avoid placing the projector in unstable locations or areas with excessive dust, humidity, or extreme temperatures.
- Do not attempt to open or repair the projector yourself. Refer all servicing to qualified personnel.
- Keep the projector away from water or other liquids.

PACKAGE CONTENTS

Please check that all the following items are included in your package:

- RD 812 Projector
- Remote Control
- AV Cable
- Power Adapter
- User Manual (this document)

PRODUCT OVERVIEW



Figure 1: Front and side view of the RD 812 Mini Projector, showing the lens and general casing.

Front and Side Panel



Figure 2: Side view highlighting the focus ring and keystone correction dial located near the lens.

The front panel features the projection lens. On the side, you will find the focus ring and keystone correction dial for adjusting image clarity and shape.

Rear Panel and Connectivity



Figure 3: Rear view displaying various input ports including USB, HDMI, AV, and VGA.

The rear panel provides various input and output ports for connecting external devices. These typically include USB, HDMI, AV, and VGA ports.

Top Panel Controls



Figure 4: Top view showing the integrated control buttons for navigation and power.

The top panel features control buttons for power, menu navigation, input selection, and volume adjustment.

SETUP

- 1. Placement:** Place the projector on a stable, flat surface. Ensure there is adequate space around the projector for ventilation. The optimal projection distance is between 1.2 to 6 meters.
- 2. Power Connection:** Connect the supplied power adapter to the projector's power input port, then plug the adapter into a power outlet.
- 3. Connecting Input Devices:**
 - **HDMI:** Connect an HDMI cable from your source device (e.g., laptop, gaming console) to the projector's HDMI port.
 - **USB:** Insert a USB flash drive or external hard drive (up to 1TB) into the USB port for direct media playback.
 - **AV:** Use the provided AV cable to connect to devices with AV output.
 - **VGA:** Connect a VGA cable from your computer to the projector's VGA port.

4. **Power On:** Press the power button on the projector or the remote control to turn on the device.
5. **Focus Adjustment:** Rotate the focus ring (refer to Figure 2) until the projected image is clear and sharp.
6. **Keystone Correction:** If the image appears trapezoidal, adjust the keystone correction dial (refer to Figure 2) to achieve a rectangular image. The projector supports manual keystone correction of 15 degrees.

OPERATING

1. **Input Source Selection:** Press the "Source" button on the projector or remote control to cycle through available input sources (HDMI, USB, AV, VGA). Select the desired input.
2. **Media Playback (USB):** If a USB device is connected, navigate the on-screen menu using the arrow keys and "OK" button on the projector or remote. Select the desired media file (e.g., video, photo, music) to play. The projector supports AVI format directly from a pen drive.
3. **Volume Adjustment:** Use the volume buttons on the remote control or the projector's control panel to adjust the audio output.
4. **Menu Navigation:** Press the "Menu" button to access settings such as picture mode, sound mode, aspect ratio, and language. Use the arrow keys to navigate and "OK" to confirm selections.
5. **Power Off:** Press the power button once to initiate the shutdown sequence. Confirm shutdown if prompted.

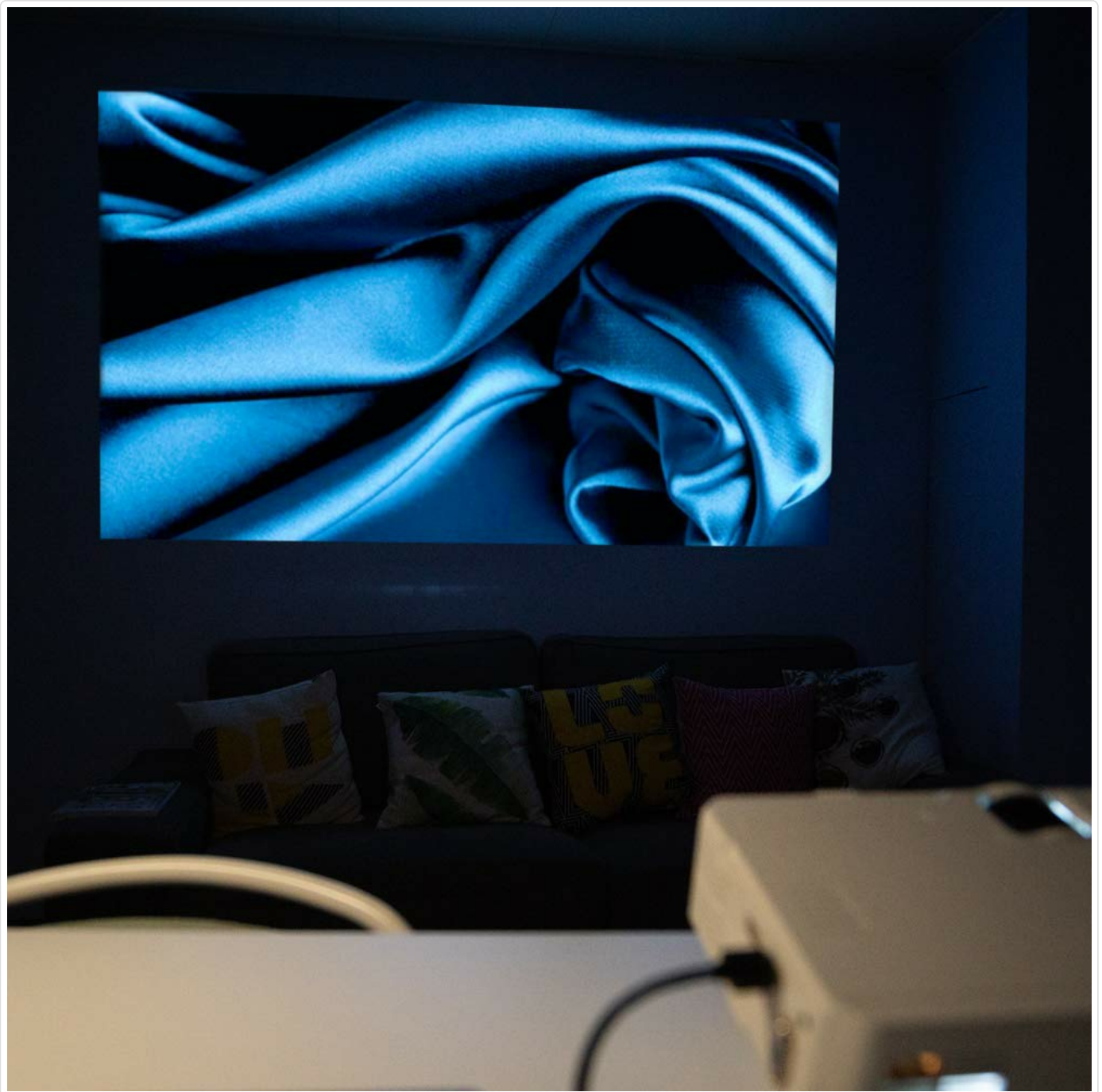


Figure 5: The RD 812 Mini Projector in operation, displaying a vibrant image on a wall in a darkened room.

MAINTENANCE

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Do not use abrasive cleaners or excessive force.
- **Cleaning the Casing:** Wipe the projector's exterior with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth.
- **Ventilation:** Regularly check and clean the ventilation openings to ensure unobstructed airflow. Dust accumulation can lead to overheating.
- **Lamp Life:** The LED lamp has a long lifespan of approximately 20,000 hours. No regular lamp replacement is typically required under normal usage.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry, dust-free environment.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image projected	<ul style="list-style-type: none"> • Power cable not connected • Incorrect input source selected • Source device not powered on or outputting signal 	<ul style="list-style-type: none"> • Check power connection and power on the projector. • Select the correct input source (HDMI, USB, AV, VGA). • Ensure the source device is on and configured to output video.
Image is blurry	<ul style="list-style-type: none"> • Focus not adjusted • Projector too close or too far from screen 	<ul style="list-style-type: none"> • Adjust the focus ring until the image is clear. • Ensure the projector is within the recommended projection distance (1.2m - 6m).
Image is trapezoidal	<ul style="list-style-type: none"> • Projector not perpendicular to the screen 	<ul style="list-style-type: none"> • Adjust the keystone correction dial. • Reposition the projector to be more directly in front of the screen.
No sound	<ul style="list-style-type: none"> • Volume too low or muted • Audio format not supported • External audio system not connected or configured 	<ul style="list-style-type: none"> • Increase volume on projector and source device. Check if muted. • Ensure the audio format from the source is supported. • If using external speakers, ensure they are properly connected and powered.

SPECIFICATIONS

Feature	Detail
Image Technology	TFT LCD
Brightness	2000 Lumens
Contrast Ratio	1:1500
Native Resolution	480x800 pixels
Maximum Supported Resolution	1920x1080 pixels (Full HD 1080p)
Input Voltage	AC100V-240V / 50-60Hz
Lens	F = 120L
Speaker	2W * 1
Keystone Correction	Manual, 15 degrees
Projection Distance	1.2 - 6 meters
Screen Size	35 - 150 inches
LED Lamp Life	20,000 hours
Hardware Interface	Secure Digital Card, USB
Special Features	Portable
Form Factor	Pocket, Portable

WARRANTY AND SUPPORT

Information regarding specific warranty terms and conditions for the RD 812 Mini Full HD LED Projector was not provided in the product details. Please refer to the warranty card included in your product packaging or contact your retailer for details on warranty coverage and support services.

For technical assistance or customer support, please consult the contact information provided by your point of purchase or the manufacturer's official website, if available.