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› [Portronics](#) /

› Portronics Beem 470 Smart LED Projector User Manual

Portronics POR-2545

Portronics Beem 470 Smart LED Projector User Manual

Model: Beem 470 (POR-2545)

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your Portronics Beem 470 Smart LED Projector. Please read this manual thoroughly before using the product and retain it for future reference.

The Portronics Beem 470 is a smart LED projector designed for home entertainment, offering 1080p Full HD resolution and 4500 lumens brightness. It features an Android 11-based operating system with built-in streaming applications, screen mirroring capabilities, and a 5-watt integrated speaker. Its rotatable design and automatic keystone correction provide flexible projection options.

1080p Full HD Resolution

High-definition picture quality for all



Others **VS** **Beem 470**

**1080P Full HD Native
3000 Lumens**

**1080P Full HD Support
4500 Lumens**

Image: A visual comparison highlighting the superior 1080p Full HD resolution and 4500 lumens brightness of the Portronics Beem 470 projector.

4500 Lumens LED Brightness

Crisp & clear visuals in most settings



Image: The Portronics Beem 470 projector illuminating a screen with vibrant colors, illustrating its 4500 lumens LED brightness for crisp visuals.

SAFETY INFORMATION

Before operating the projector, please observe the following safety precautions:

- Do not look directly into the projector lens when the lamp is on.
- Ensure the projector is placed on a stable surface to prevent accidental falls.
- Do not block the ventilation openings, as this can lead to overheating.
- Keep the projector away from water or other liquids.
- Use only the power adapter provided with the device.
- Do not attempt to disassemble or repair the projector yourself. Contact authorized service personnel for assistance.

WHAT'S IN THE BOX

Upon unpacking, please verify that all items listed below are present and in good condition:

- Projector (1N)
- Power Cable (1N)
- Remote Control (1N)
- User Documentation (1N)



Image: The Portronics Beem 470 projector with its remote control, showcasing the main unit and included accessories.

SETUP

1. **Placement:** Position the projector on a stable, flat surface. The rotatable design allows for flexible projection angles, including ceiling projection. Ensure adequate ventilation around the device.



Image: A hand demonstrating the 180-degree rotation feature of the Portronics Beem 470 projector, allowing for flexible projection angles.

2. **Power Connection:** Connect the provided power cable to the projector's power input and then to a suitable electrical outlet (220 Volts).
3. **Initial Power On:** Press the power button on the projector or the remote control to turn on the device.
4. **Focus Adjustment:** Manually adjust the focus ring on the projector lens until the projected image is clear and sharp.
5. **Keystone Correction:** The Beem 470 features automatic vertical keystone correction. If the image appears trapezoidal, the projector will automatically adjust it. Manual adjustments may also be available in the settings menu for fine-tuning.
6. **Network Connection:** Navigate to the settings menu to connect to a Wi-Fi network. This is necessary for accessing built-in streaming apps and online content. The projector supports 2.4G/5G Dual Band Wi-Fi.

Dual Band Wi-Fi & Bluetooth 5.3

Seamless wireless connectivity options

2.4G/5G Dual Band Wifi

2.4G Wifi
5G Wifi



Image: The Portronics Beem 470 highlighting its Dual Band Wi-Fi (2.4G/5G) and Bluetooth 5.3 capabilities for seamless wireless connectivity.

OPERATING INSTRUCTIONS

Remote Control Functions

The included remote control allows for easy navigation and control of the projector's features. Familiarize yourself with the buttons for power, volume, navigation, and app access.

Accessing Streaming Applications

The Portronics Beem 470 runs on an Android 11-based OS, providing direct access to various streaming services. Once connected to Wi-Fi:

- Navigate to the home screen using the remote control.
- Select desired applications such as Netflix, Prime Video, Disney+ Hotstar, or YouTube.
- Log in with your account credentials to access content.

Built-in Streaming Apps

Access popular apps OTT directly on projector



Image: The Portronics Beem 470 projector showcasing its built-in streaming apps, including Disney+ Hotstar, Netflix, YouTube, and Prime Video, ready for direct access.

Screen Mirroring

To mirror content from your smartphone or laptop:

1. Ensure both your device and the projector are connected to the same Wi-Fi network.
2. Select the "Screen Mirroring" or "Cast" option on the projector's interface.
3. On your smartphone or laptop, activate its screen mirroring/casting feature and select the Portronics Beem 470 from the list of available devices.

Wireless Screen Mirroring

Stream content from your devices easily



Image: A smartphone wirelessly mirroring its screen content to the Portronics Beem 470 projector, illustrating the screen mirroring function.

Adjusting Screen Size

The projector supports an adjustable screen size from 40 inches to 150 inches, with a projection distance ranging between 1.2 m to 4 m. Adjust the projector's distance from the projection surface to achieve the desired screen size.

Flexible Screen Size

Create your ideal viewing experience

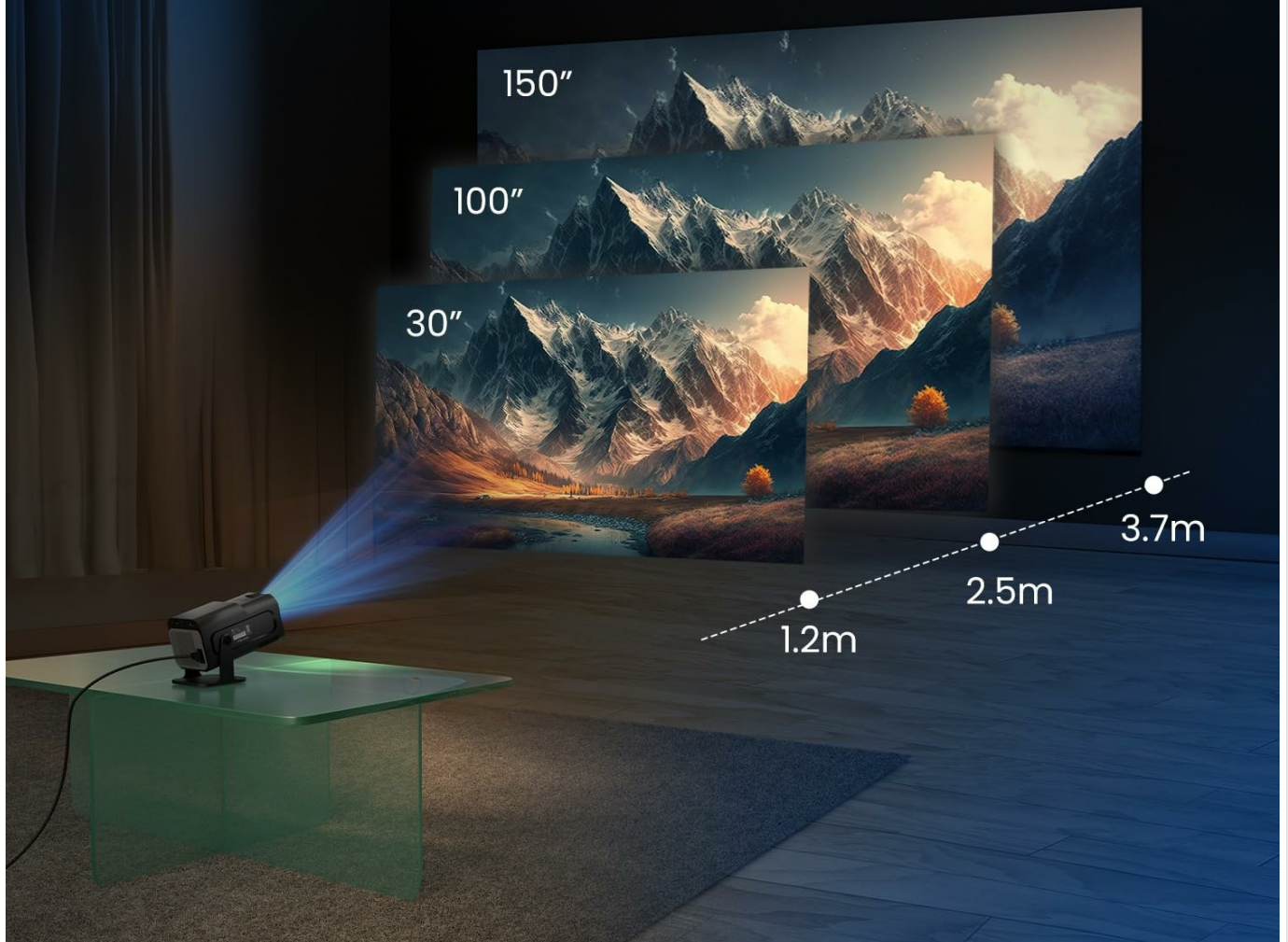


Image: The Portronics Beem 470 projecting images at different screen sizes (30", 100", 150") corresponding to varying projection distances (1.2m, 2.5m, 3.7m).

Audio Output

The projector includes a built-in 5-watt speaker. For enhanced audio, you can connect external speakers via Bluetooth 5.3 or the AUX port.

5 Watts Built-in Speaker

Rich sound for ultimate experience



Image: The Portronics Beem 470 projector with visual representation of sound waves, emphasizing its 5-watt built-in speaker for rich audio.

MAINTENANCE

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Avoid abrasive materials or harsh chemicals.
- **Cleaning the Exterior:** Wipe the projector's exterior with a soft, dry cloth. Do not use liquid cleaners directly on the device.
- **Ventilation:** Ensure that the ventilation openings are clear of dust and obstructions to prevent overheating. Do not block the air vents during operation.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Power cable not connected; Power outlet faulty.	Ensure power cable is securely connected. Test the power outlet with another device.
No Image Projected	Projector is off; Input source not selected; Lens cap on.	Turn on the projector. Select the correct input source. Remove the lens cap.
Blurry Image	Focus not adjusted; Projector too far/close; Keystone not corrected.	Adjust the manual focus ring. Adjust projection distance. Check automatic keystone correction or manually adjust in settings.
No Sound	Volume too low; Muted; External audio device not connected properly.	Increase volume. Unmute the projector. Ensure Bluetooth or AUX connection is secure.
Cannot Connect to Wi-Fi	Incorrect password; Router issues; Out of range.	Verify Wi-Fi password. Restart your router. Move projector closer to the router.
Screen Mirroring Fails	Devices not on same network; Feature not activated on source device.	Ensure both devices are on the same Wi-Fi network. Activate screen mirroring on your phone/laptop.

SPECIFICATIONS

Feature	Detail
Brand	Portronics
Model Name	Beem Video Projector
Model Number	POR-2545
Display Type	LED
Resolution	1920 x 1080 (Full HD)
Brightness	4500 Lumens
Aspect Ratio	16:9
Operating System	Android 11-based OS
Connectivity	Dual Band Wi-Fi (2.4G/5G), Bluetooth 5.3, USB, AUX, HDMI
Special Features	270 Degree Rotation, 5 Watts Built-in Speaker, Built-in OTT Apps, Screen Mirroring, Auto Vertical Keystone Correction
Screen Size (Adjustable)	40 inches to 150 inches
Projection Distance	1.2 m to 4 m

Feature	Detail
Built-in Speaker	5 Watts
Voltage	220 Volts
Product Dimensions	14.8 x 25.3 x 13.6 cm
Item Weight	1.18 kg
Model Year	2024

WARRANTY AND SUPPORT

The Portronics Beem 470 Smart LED Projector comes with a **1 Year Warranty** from the date of purchase. Please retain your purchase receipt for warranty claims.

For technical assistance, troubleshooting, or warranty-related inquiries, please contact Portronics customer support:

- **Email:** help@portronics.com
- **Phone:** +91 9555-245-245
- **Manufacturer Address:** Portronics Digital Pvt. Ltd., First Floor Property No D 8 Upper Basement Sector 8 Noida Uttar Pradesh 201301

For more information, you may visit the official Portronics website or their Amazon store page.

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

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