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› Portronics Beem 300 Smart LED Projector User Manual

Portronics Beem 300

Portronics Beem 300 Smart LED Projector User Manual

Model: Beem 300 (POR-282)

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Portronics Beem 300 Smart LED Projector. Please read this manual thoroughly before using the device and retain it for future reference.

PACKAGE CONTENTS

Verify that all items are present in the box:

- Multimedia Projector (1N)
- Remote Control (1N)
- Power Cable (1N)
- HDMI Cable (1N)
- User Manual (1N)

SETUP GUIDE

1. Placement

Position the projector on a stable, flat surface such as a tabletop. Ensure adequate ventilation around the device. The projector supports a minimum throw distance of 1.2 meters and a maximum of 4.5 meters, allowing for image sizes from 5 inches up to 200 inches diagonally.

Choose Your Screen

Select your projection screen size from 50" to 200"



Native 1080P



ANSI Lumens

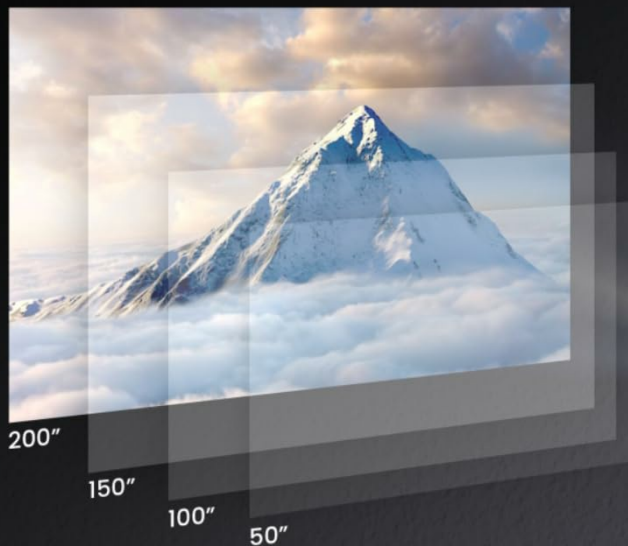


Image: Projector placement demonstrating adjustable screen sizes from 50 to 200 inches.

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. The projector will boot into the Android 9.0 operating system.

Sharper Picture Always

For best gaming & cinematic experience



Image: The projector's Android 9.0 operating system interface, showing pre-installed OTT applications.

4. Keystone Correction

Adjust the image shape to ensure a rectangular projection. The Beem 300 supports both vertical keystone correction (up to $\pm 35^\circ$) and corner keystone correction (up to $\pm 45^\circ$). Use the remote control to access these settings and correct any distorted image angles.

Keystone Correction

Save worry and effort to have a square screen

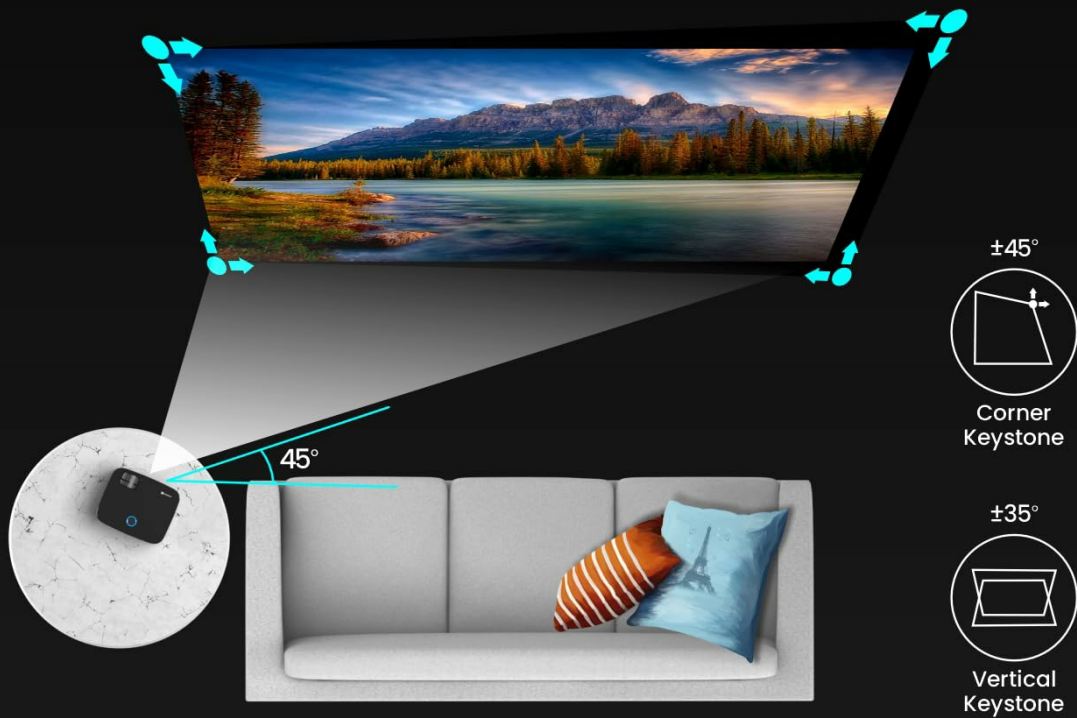


Image: Visual representation of keystone correction, showing how to achieve a square screen from various angles.

OPERATING INSTRUCTIONS

1. Navigation

Use the provided remote control to navigate the Android 9.0 interface. The remote allows you to select applications, adjust settings, and control media playback.

2. Connectivity

The projector offers multiple connectivity options:

- **HDMI:** Connect external devices like laptops, gaming consoles, or media players using an HDMI cable.
- **USB:** Plug in USB drives for media playback.
- **Wi-Fi:** Connect to your wireless network (2.4G/5G Wi-Fi) for internet access and online streaming.
- **RJ45 (Ethernet):** For a stable wired internet connection.
- **Audio Out:** Connect external speakers or headphones.

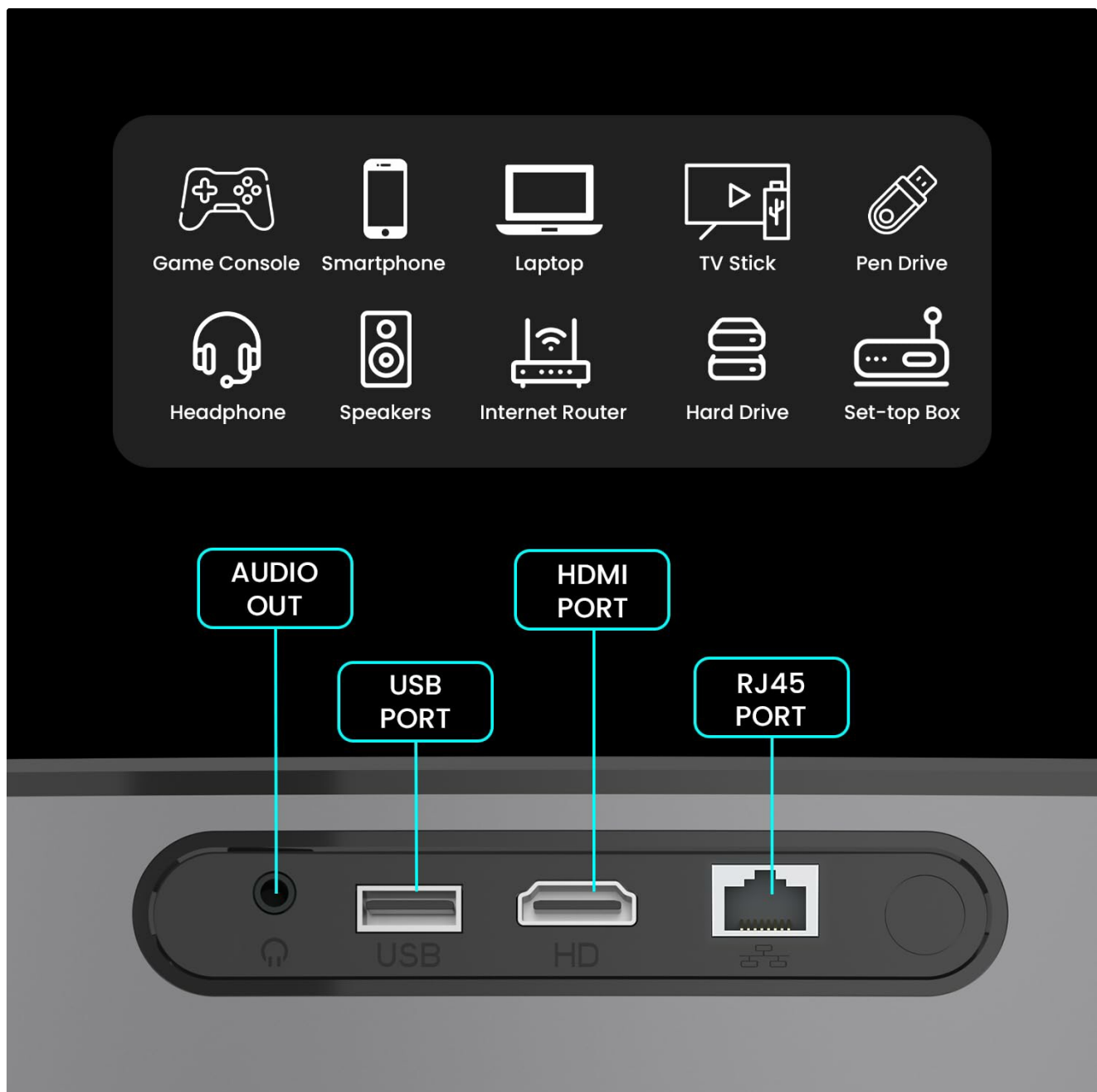


Image: Rear panel of the projector highlighting Audio Out, USB, HDMI, and RJ45 ports.

3. Screen Mirroring

The projector supports screen mirroring, allowing you to cast content from your smartphones or other compatible devices directly to the projection screen. Refer to your device's screen mirroring instructions for specific connection steps. This feature is suitable for both professional presentations and home entertainment.

Screen Casting Made Easy

Screen mirroring so you can play content
onto Beem 300 in an instant from mobile devices



Image: A business meeting scenario demonstrating screen mirroring from a mobile device to the projector for a presentation.

4. Audio Output

The projector features a built-in 10 Watt speaker for integrated audio. For enhanced sound, connect external speakers or a sound system via the Audio Out port.

Immersive Visuals

4300 Lumens (300 ANSI) for a glimmering display every time

1080P
FAUX

Others

1080P
NATIVE

Beem 300

Image: An exploded view illustrating the components of the projector's 10 Watt built-in speaker.

MAINTENANCE

1. Cleaning

Regularly clean the projector lens with a soft, lint-free cloth specifically designed for optical surfaces. Use a soft brush or compressed air to remove dust from the projector's vents. Do not use liquid cleaners directly on the lens or housing.

2. Lamp Life

The LED light source in your Beem 300 projector has an operating life of approximately 30,000 hours. This ensures long-term performance without frequent lamp replacement.

TROUBLESHOOTING

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

Problem	Possible Solution
No image displayed	Ensure the projector is powered on and the input source is correctly selected. Check HDMI/USB cable connections.
Image is blurry or out of focus	Adjust the focus ring on the projector lens. Ensure the projection surface is flat.
Image is distorted (not rectangular)	Use the keystone correction settings in the projector menu to adjust the image shape.
No sound	Check the volume level on the projector and the connected source device. Ensure external speakers are properly connected if used.
Screen mirroring not working	Ensure both the projector and your mobile device are connected to the same Wi-Fi network. Verify compatibility and follow specific screen mirroring instructions for your device. Some apps may require specific mirroring protocols.
Wi-Fi connectivity issues	Ensure the Wi-Fi password is correct. Try restarting the projector and your Wi-Fi router. Consider using a wired Ethernet connection if available.

SPECIFICATIONS

Key technical specifications for the Portronics Beem 300 Smart LED Projector:

- **Model Name:** Beem 300
- **Model Number:** POR-282
- **Display Type:** LED
- **Native Resolution:** 1920 x 1080 (Full HD)
- **Maximum Display Resolution:** 1080p Full HD
- **Projector Maximum White Brightness:** 4300 ANSI Lumens (300 ANSI)
- **Contrast Ratio:** 2000:1
- **Light Source Operating Life:** 30,000 Hours
- **Minimum Image Size:** 5 Inches
- **Maximum Image Size:** 200 Inches
- **Minimum Throw Distance:** 1.2 Metres
- **Maximum Throw Distance:** 4.5 Metres
- **Built-in Speaker:** 10 Watts
- **Operating System:** Android 9.0
- **Connectivity Technology:** HDMI, USB, Wi-Fi (2.4G/5G), RJ45 (Ethernet)
- **Special Features:** Screen Mirroring, Multiple Interfaces
- **Power Input:** 220 Volts
- **Color:** Black



Image: An infographic detailing the projector's features including 1080p Full HD, 30,000 hours lamp life, 10W speakers, 1GB RAM, 8GB storage, screen mirroring, Android 9.0, 2.4G/5G Wi-Fi, and 300 ANSI Lumens.

WARRANTY INFORMATION

The Portronics Beem 300 Smart LED Projector comes with a **1 Year Warranty** from the date of purchase. Please retain your purchase receipt for warranty claims. The warranty covers manufacturing defects under normal use conditions.

CUSTOMER SUPPORT

For technical assistance, service, or warranty inquiries, please contact Portronics customer support:

- **Manufacturer:** Portronics Digital Pvt Ltd.
- **Address:** Unit No. 1082-1090, 10th Floor, Block-B, Vegas, Dwarka, Sec-14, New Delhi-110075
- **Phone:** 9555-245-245
- **Importer/Packer Address:** Portronics Digital Pvt Ltd, B-76, 1st & 2nd Floor, Wazirpur Industrial Area, New

