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Portronics POR 600

Portronics POR 600 Portable LED Projector User Manual

Model: POR 600 | Brand: Portronics

1. INTRODUCTION

The Portronics POR 600 Portable LED Projector is designed for versatile use, offering a compact solution for entertainment and presentations. This manual provides essential information for setting up, operating, and maintaining your projector, ensuring optimal performance and longevity.

DLP TECHNOLOGY

It is the most sophisticated light technology in the world. It contains a rectangular array of up to 8.8 million hinge-mounted microscopic mirrors. The DLP chip can be used for efficiency and reliable spatial light modulation.



Figure 1: Front view of the Portronics POR 600 Portable LED Projector.

2. PRODUCT OVERVIEW

The POR 600 utilizes DLP (Digital Light Processing) technology for reliable color and picture accuracy. It features 100 ANSI Lumens brightness and can project an image size from 15 to 80 inches diagonally, with an optimal projection distance of 0.5 to 3 meters. The native resolution is 854x480.

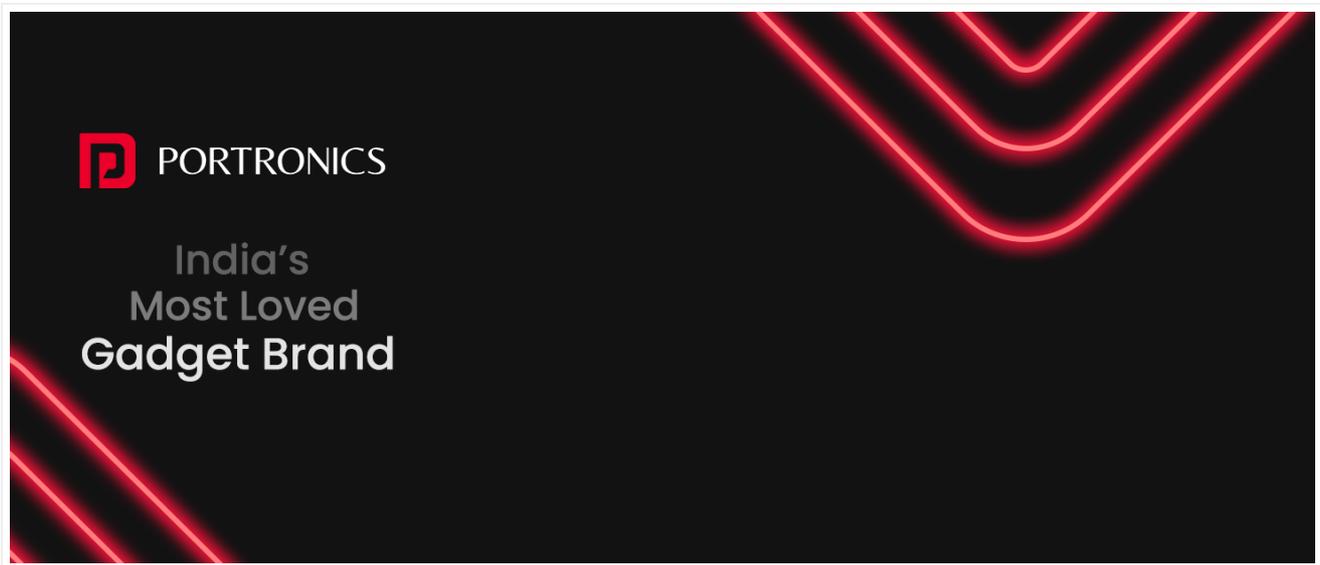


Figure 2: Illustration of DLP Technology, which provides sophisticated light processing for clear images.

2.1 Key Features

- **Ultra-Portable Design:** With compact dimensions and a weight of approximately 948g, the projector is easy to carry.
- **DLP Technology:** Ensures reliable color and picture accuracy.
- **100 ANSI Lumens:** Provides sufficient brightness for presentations and viewing in reasonably dark environments.
- **Large Screen Projection:** Capable of projecting images up to 80 inches diagonally.
- **Multiple Connectivity Options:** Supports USB, HDMI, AV, and MicroSD card inputs.
- **Built-in Battery:** Features a 3400mAh, 3.7V built-in battery for portable use.
- **In-built Speakers:** Provides audio output directly from the device.
- **Remote Control:** For convenient operation.

CONNECTIVITY

If you are watching a video using Progenie through a USB stick or Micro SD card or a laptop, you can also feed audio out from Progenie into your home-theatre or sound system through AUX OUT to make your experience complete.

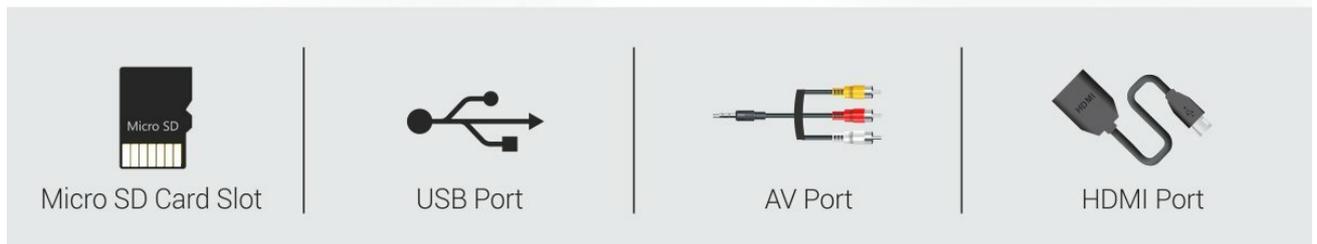
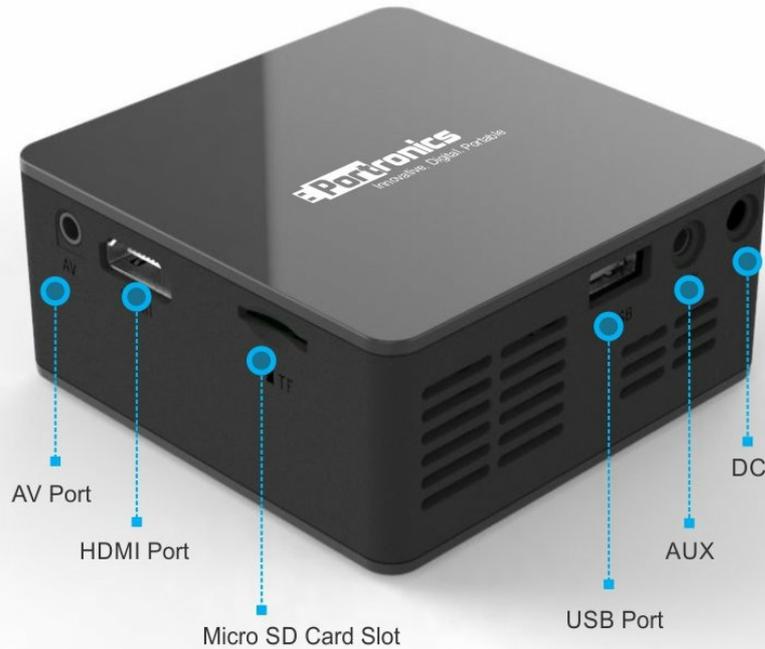


Figure 3: The compact size of the projector, highlighting its portability.

3. WHAT'S IN THE BOX

Upon opening the package, ensure all the following items are present:

- 1N Portronics POR 600 Projector
- Power adapter
- Remote control
- Stand
- HDMI Cable
- User Manual

REMOTE CONTROL

Progenie has a multifunctional Remote Control which has intuitively placed Panel buttons so you can make presentations or see a movies comfortably.



Figure 4: The projector mounted on its included stand.

4. SETUP

4.1 Power Connection

1. Connect the provided power adapter to the DC input port on the projector.
2. Plug the power adapter into a suitable power outlet.
3. The projector can also operate on its built-in 3400mAh battery for portable use. Ensure the battery is charged before use.

4.2 Input Sources

The POR 600 supports various input methods:

- **HDMI Port:** For connecting laptops, gaming consoles, or other HDMI-enabled devices.
- **AV Port:** For connecting older devices using an AV cable.
- **USB Port:** For playing media directly from a USB drive.

- **Micro SD Card Slot:** For playing media directly from a Micro SD card.

Excellent Picture Quality

100-lumen multimedia portable LED projector which offers 80 inch screen-size, 854x480 resolution using Texas Instrument's famous DLP technology ensuring excellent picture quality.



Figure 5: Overview of the projector's connectivity ports.

4.3 Positioning and Focus

1. Place the projector on a stable, flat surface. For optimal viewing, use the included stand.
2. Adjust the distance between the projector and the projection surface (wall or screen) to achieve the desired screen size. An 80-inch diagonal screen can be achieved by placing the projector approximately 8 feet away.
3. Rotate the focus ring on the projector lens until the image appears clear and sharp.

5. OPERATION

5.1 Power On/Off

Press the power button on the projector or the remote control to turn the device on or off.

5.2 Source Selection

Use the "Source" button on the remote control to cycle through available input modes (HDMI, AV, USB, MicroSD) until your desired input is selected.

ULTRA PORTABLE

With around 200 grams of weight and dimensions of 8cm x8cm x3.8 cm. you can easily carry it around in your small hand-bag or laptop bag.



Figure 6: The projector and its multifunctional remote control.

5.3 Audio Output

The projector has built-in speakers. For enhanced audio, connect external speakers via the AUX output port.

IN-BUILT SPEAKER

Excellent quality speakers are built in the projector, It also comes with AUX output for connecting external speakers.



In-Built Speakers

Figure 7: The projector's in-built speaker.

5.4 Media Playback

The projector supports various media formats for direct playback from USB drives or Micro SD cards, including text (.txt), photo (.jpeg/.bmp/), and audio (.mp3_audio).

Video 1: This video demonstrates the Portronics POR 600 Portable LED Projector's features, connectivity options, and contents of the box. It highlights its portability, DLP technology, and various input methods for media playback.

6. SPECIFICATIONS

Feature	Specification
Brand	Portronics
Model	POR 600
Product Dimensions	18.8 x 7.6 x 14.9 cm; 948 g

Feature	Specification
Display Technology	LED, DLP (Texas Instruments)
Native Resolution	854 x 480
Lumens	100 ANSI Lumens
Contrast Ratio	1000:1
Image Size (diagonal)	15"~ 80"
Projection Distance	0.5 to 3 meters (1~10 feet)
Lamp Life	Over 20,000 hours (RGB LED)
Aspect Ratio	16:9
Battery	Built-in, 3400mAh, 3.7V Lithium Ion
Power Consumption	15W (Max)
Power Supply	9V/2A
Hardware Interface	USB, HDMI, AV, microSD card
Compatible Devices	Smartphones (Android/iOS), Laptops/Computers, USB Devices, SD Cards
Supported Audio Formats	mp3_audio
Mounting Type	Tabletop Mount

7. TROUBLESHOOTING

If you encounter issues with your Portronics POR 600 Projector, refer to the following common problems and solutions:

- **No Image Displayed:**

- Ensure the projector is powered on and the lens cap is removed.
- Verify that the correct input source (HDMI, AV, USB, MicroSD) is selected using the remote control.
- Check all cable connections to ensure they are secure and properly inserted.

- **Image is Blurry:**

- Adjust the focus ring on the projector lens until the image becomes clear.
- Ensure the projection surface is flat and smooth.

- **No Sound:**

- Check the volume settings on both the projector and the connected source device.
- If using external speakers, ensure they are properly connected to the AUX output port and powered on.

- **Remote Control Not Responding:**

- Replace the batteries in the remote control.
- Ensure there are no obstructions between the remote control and the projector's IR receiver.

- **Projector Overheating:**

- Ensure the projector's ventilation vents are not blocked.
- Operate the projector in a well-ventilated area.

8. WARRANTY AND SUPPORT

The Portronics POR 600 Portable LED Projector comes with a 1-year manufacturer warranty. For warranty claims, technical support, or further assistance, please contact Portronics customer service or visit their official website for the most up-to-date support information.

For more details, visit the [Portronics Store](#).