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ONN 100096801

onn. HD 1080p LCD Home Theater Projector User Manual

Model: 100096801

Brand: ONN

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your onn. HD 1080p LCD Home Theater Projector. Please read this manual thoroughly before using the projector to ensure proper functionality and to maximize your viewing experience.

The onn. HD 1080p LCD Home Theater Projector offers a versatile solution for immersive entertainment, supporting a wide range of image sizes and connectivity options. Its compact design and user-friendly interface make it suitable for various indoor and outdoor settings.

2. WHAT'S IN THE BOX

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

- onn. HD Projector
- 6' HDMI Cable
- Remote Control (requires 2 AAA batteries, not included)
- AC/DC Adapter
- Lens Cover
- Quick Start Guide



Image: All components included in the projector package, neatly laid out.

3. PRODUCT OVERVIEW

The onn. HD Projector is designed to deliver a high-quality visual experience with its native HD 720p resolution, supporting up to 1080p video decoding. It features a 1 LED light source and a 4.41" LCD display for vibrant and clear images.



Image: The onn. HD Projector shown with a large projected image on a wall, highlighting its home theater capabilities.

Key Features:

- **Native Resolution:** Standard HD 720p (1280 x 720) with support for 1080p video decoding.
- **Aspect Ratios:** Selectable 16:9 or 4:3.
- **Projection Type:** 1 LED Light source + 4.41" LCD Display.
- **Image Size:** Flexible range from 32" to 210".
- **Adjustable Foot:** Manual adjustment of projection angle up to 15°.
- **Keystone Correction:** Vertical $\pm 15^\circ$ for optimal positioning.
- **Projection Distance:** 3.94 ft (1.2 m) to 22.96 ft (7 m).
- **Contrast Ratio:** 2000:1.
- **Audio:** Single 5W RMS speaker.
- **Brightness:** ANSI 250 lm (IDMS v1.03 Sections 15.3).



Image: Visual representation of key features like resolution, contrast, and image size.



Image: Diagram showing the physical dimensions of the projector.

4. CONNECTIONS

The projector offers a variety of input and output ports for connecting different devices:

- **2x HDMI Ports:** For connecting devices like Fire TV Stick, Roku, DVD players, laptops, gaming consoles (PS5, PS4), etc.
- **1x USB 2.0 Port:** For connecting USB drives.
- **1x MicroSD Slot:** For connecting MicroSD cards.
- **1x 3.5mm Headphone Jack:** For connecting external headphones or speakers.
- **1x 3.5mm AV Port:** For connecting older devices using an AV cable.
- **DC IN:** Power input.

Enjoy a Vibrant, Cinematic Experience



Image: Detailed view of the projector's rear panel showing all available connection ports.

5. SETUP

5.1. Power Connection

1. Connect the AC/DC adapter to the "DC IN" port on the projector.
2. Plug the other end of the adapter into a power outlet.
3. Press the power button on the projector or the remote control to turn it on.

5.2. Connecting Input Devices

Choose the appropriate port based on your device:

- **HDMI:** Use the included HDMI cable to connect your device (e.g., Roku, laptop) to either HDMI1 or HDMI2 port.
- **USB/MicroSD:** Insert your USB drive or MicroSD card into the respective slot.
- **AV:** Use a 3.5mm AV cable (not included) to connect older devices.

5.3. Image Placement and Adjustment

1. Place the projector on a stable, flat surface.
2. Adjust the projection distance to achieve your desired image size (32" to 210").
3. Use the adjustable foot at the bottom of the projector to change the vertical projection angle if needed.
4. **Focus Adjustment:** Rotate the focus knob near the lens until the image appears sharp and clear.
5. **Keystone Correction:** Use the keystone adjustment dial (usually near the focus knob) to correct trapezoidal distortion, ensuring a rectangular image.

6. OPERATING THE PROJECTOR

6.1. Using the Remote Control

The included remote control provides full functionality for navigating the projector's menus and controlling playback. Ensure batteries are inserted correctly.



Image: The remote control for the onn. HD Projector, showing its layout and buttons.

6.2. Input Source Selection

After connecting your device, press the "Input" or "Source" button on the remote or projector to select the correct input (e.g., HDMI1, HDMI2, USB, AV).

6.3. Menu Navigation

Use the arrow keys and "OK" button on the remote or projector to navigate through the on-screen menus for settings such as picture mode, sound mode, aspect ratio, and more.



Image: A user operating the projector with the remote control, demonstrating its ease of use in a home theater setup.

7. MAINTENANCE

To ensure the longevity and optimal performance of your projector, follow these maintenance guidelines:

- **Lens Cleaning:** Gently wipe the projector lens with a soft, lint-free cloth or lens cleaning paper. Avoid abrasive materials or harsh chemicals.
- **Dust Removal:** Regularly clean the projector's exterior with a soft, dry cloth. Ensure ventilation openings are free from dust and obstructions.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. Use the lens cover to protect the lens.
- **Ventilation:** Do not block the ventilation holes during operation. Ensure adequate airflow around the projector to prevent overheating.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No image on screen	Power not connected; Incorrect input source; Lens cap on.	Check power connection; Select correct input source; Remove lens cap.
Image is blurry	Out of focus; Incorrect projection distance.	Adjust the focus knob; Adjust projection distance.
Image is trapezoidal	Projector not perpendicular to screen.	Adjust keystone correction dial.
No sound	Volume too low; Muted; External audio device not connected properly.	Increase volume; Unmute; Check external audio connections.
Remote control not working	Batteries dead or incorrectly inserted; Obstruction between remote and projector.	Replace batteries; Ensure clear line of sight to IR receiver.

9. SPECIFICATIONS

Feature	Detail
Brand Name	ONN
Model Number	100096801
Native Resolution	HD 720p (1280 x 720)
Supported Video Decoding	Up to 1080p
Aspect Ratios	16:9, 4:3
Projection Type	1 LED Light source + 4.41" LCD Display
Image Size	32" - 210"
Projection Distance	3.94 ft (1.2 m) to 22.96 ft (7 m)
Contrast Ratio	2000:1
Speaker	Single 5W RMS
White Light Output	ANSI 250 lm (IDMS v1.03 Sections 15.3)
Connectivity	2x HDMI, 1x USB 2.0, 1x MicroSD, 1x 3.5mm Headphone, 1x 3.5mm AV
Item Weight	6 pounds
Package Dimensions	15 x 10 x 6 inches
Color	Black

10. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service, please refer to the warranty card included with your product or visit the official ONN website. Keep your purchase receipt as proof of purchase for warranty claims.

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