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 > NOMVDIC P2000 Ultra Short Throw 4K Triple Laser Projector User Manual

NOMVDIC P2000UST-RGB

NOMVDIC P2000 Ultra Short Throw 4K Triple Laser Projector User Manual

Model: P2000UST-RGB

1. INTRODUCTION

This user manual provides comprehensive instructions for the safe and efficient operation of your NOMVDIC P2000 Ultra Short Throw 4K Triple Laser Projector. Please read this manual thoroughly before using the projector and retain it for future reference.

The NOMVDIC P2000 is designed to deliver a premium home cinema experience with its advanced features, including 4K UHD resolution, triple laser light source, and immersive audio capabilities.



Image 1.1: The NOMVDIC P2000 Ultra Short Throw 4K Triple Laser Projector, showcasing its sleek design with red accents.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent damage to the projector or injury to yourself and others:

- Do not block ventilation openings.
- Do not expose the projector to rain or moisture.
- Do not open the projector casing; refer all servicing to qualified personnel.
- Avoid direct eye exposure to the projector lens when the unit is operating.
- Ensure proper power supply and grounding.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- NOMVDIC P2000 Projector
- Power Cable
- Remote Control
- Fire TV Stick 4K Max (or equivalent, check packaging)
- Quick Start Guide
- Warranty Card

Note: The included Fire TV Stick model may vary. Please check your specific package contents.

4. SETUP

4.1 Projector Placement

The NOMVDIC P2000 is an Ultra Short Throw (UST) projector, designed to project a large image from a very short distance to the screen or wall. Proper placement is crucial for optimal image quality.

- Place the projector on a stable, flat surface directly in front of the projection surface.
- Ensure the projector is level.
- Maintain adequate ventilation around the projector.

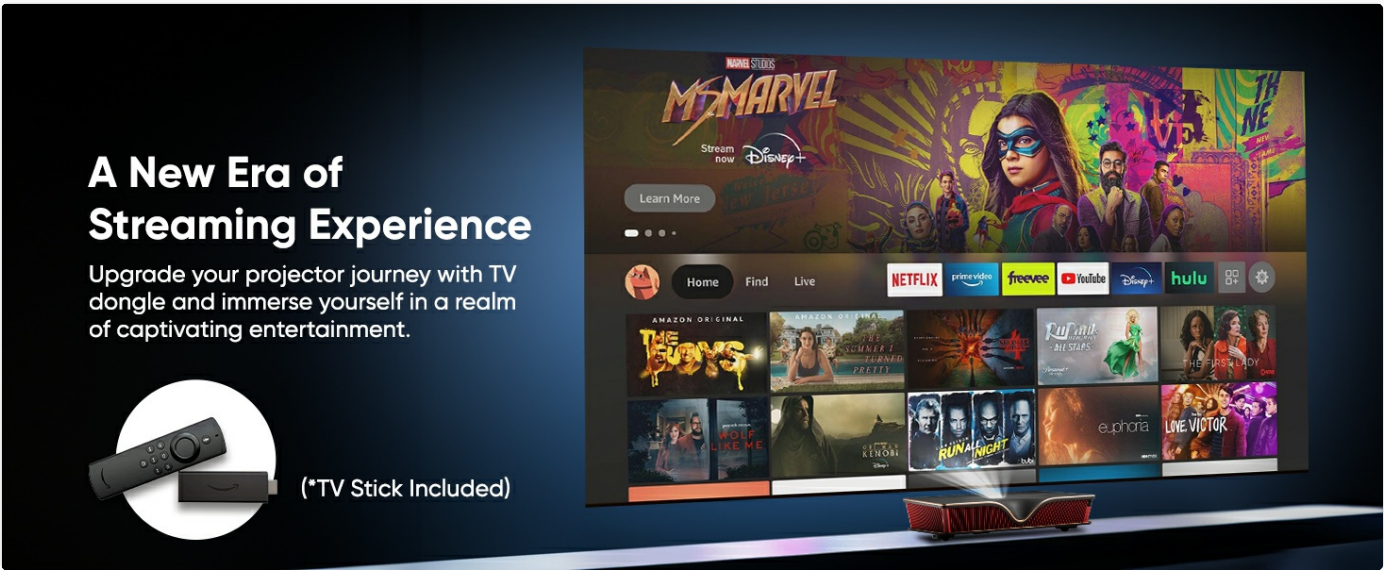


Image 4.1: Diagram illustrating projection distance, image height, and vertical offset for various screen sizes.

Refer to the table below for recommended projection distances and vertical offsets:

Screen Size (in.)	Projection Distance (in.)	Image Height (in.)	Vertical Offset (in.)
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Screen Size (in.)	Projection Distance (in.)	Image Height (in.)	Vertical Offset (in.)
65	0.18	31.85	5.24
80	3.05	39.21	6.69
100	6.89	49.03	8.66
120	10.7	58.83	10.59
150	16.46	73.54	13.58

Note: Projection distance is measured from the back of the projector to the screen. Vertical offset is the distance from the bottom edge of the projected image to the surface the projector rests on.

4.2 Connecting Devices

The P2000 offers various connectivity options. Identify the ports on the rear panel of your projector:



Image 4.2: Rear panel of the NOMVDIC P2000, showing HDMI, USB, S/PDIF, Audio Out, and LAN ports.

- **HDMI (eARC):** Connect your source devices (Blu-ray player, gaming console, streaming device) using HDMI cables. The eARC port supports enhanced audio return channel for high-quality audio output to compatible sound systems.
- **USB (5V/1.5A):** For connecting USB storage devices or powering compatible accessories like the Fire TV Stick.
- **S/PDIF:** Digital audio output for connecting to external audio receivers.
- **Audio Out:** Analog audio output for connecting to external speakers or soundbars.
- **LAN:** For wired network connection.

Fire TV Stick Setup:

1. Plug the Fire TV Stick into an available HDMI port on the projector.
2. Connect the Fire TV Stick's power cable to the projector's USB (5V/1.5A) port or an external power adapter.
3. Switch the projector input to the corresponding HDMI port.
4. Follow the on-screen instructions to set up the Fire TV Stick.

4.3 Power On and Initial Image Adjustment

1. Connect the power cable to the projector and a power outlet.

2. Press the power button on the projector or remote control to turn it on.
3. Once the image is projected, use the projector's menu to access the "AiiO Image Optimization" settings.
4. **4 Corner Adjustment:** Adjust each corner of the projected image independently to achieve a perfectly rectangular image, especially if the projector is not perfectly aligned with the screen.
5. **Warping Adjustment:** Fine-tune the image shape to compensate for uneven projection surfaces.
6. **MEMC (Motion Estimation, Motion Compensation):** This feature enhances motion clarity in fast-paced content. Enable or disable it based on your preference in the image settings.



Image 4.3: Visual representation of AiiO Image Optimization features including 4 Corner, Warping, and MEMC.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

- **Power On/Off:** Use the power button on the remote or projector.
- **Input Selection:** Press the "Source" or "Input" button on the remote to cycle through HDMI inputs and other sources.
- **Volume Control:** Adjust audio volume using the remote control.

5.2 Picture Settings

Access the "Picture" menu to customize your viewing experience:

- **Brightness/Contrast:** Adjust these settings to suit your environment and content.
- **Color/Tint:** Fine-tune color reproduction. The P2000 supports 100% BT.2020 color gamut.
- **HDR (HDR10/HLG):** The projector automatically detects and processes HDR content for enhanced dynamic range.
- **3D Display:** The P2000 supports 3D Blu-ray content. Ensure you have compatible 3D glasses for viewing.

Cinematic 3D Display



Image 5.1: An example of the immersive 3D viewing experience provided by the NOMVDIC P2000.

5.3 Audio Settings

The P2000 features built-in Harman/Kardon speakers and supports Dolby Audio and DTS for a rich sound experience.

- **Sound Mode:** Select from various preset sound modes (e.g., Standard, Movie, Music) or customize your own.
- **Dolby/DTS Support:** Ensure your audio source is configured to output Dolby or DTS signals for the projector to decode them properly.

- **External Audio:** For connecting to external sound systems, use the HDMI eARC, S/PDIF, or Audio Out ports.

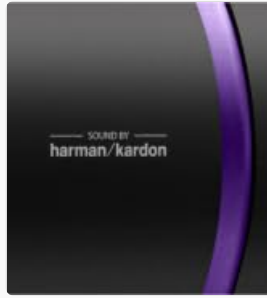


Image 5.2: The NOMVDIC P2000 features integrated Harman/Kardon speakers for high-quality audio.

6. MAINTENANCE

6.1 Cleaning

- **Projector Casing:** Wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Lens:** Use a lens cleaning cloth and specialized lens cleaning solution. Avoid touching the lens directly.
- **Ventilation Openings:** Periodically clean dust from the ventilation openings using a soft brush or compressed air to ensure proper airflow.

6.2 Firmware Updates

Periodically check the NOMVDIC official website for available firmware updates. Firmware updates can improve performance, add new features, and resolve potential issues. Follow the instructions provided with the firmware update package carefully.

7. TROUBLESHOOTING

If you encounter issues with your NOMVDIC P2000 projector, refer to the following common problems and solutions:

7.1 No Image or Poor Image Quality

- **Check Power:** Ensure the projector is properly connected to a power source and turned on.
- **Input Source:** Verify that the correct input source (e.g., HDMI 1, HDMI 2) is selected.
- **Cable Connection:** Ensure all HDMI or other video cables are securely connected to both the projector and the source device.
- **Resolution Settings:** Confirm that the source device's output resolution is compatible with the projector (up to 4K UHD).
- **Focus and Alignment:** Adjust the projector's focus and use the 4 Corner and Warping adjustments in the "AiiO Image Optimization" menu to correct any distorted or blurry images.
- **Projection Distance:** Ensure the projector is placed at the correct distance and vertical offset from the screen as per the placement guidelines. Incorrect placement can lead to difficulty in achieving a perfectly aligned image.
- **HDR/HDCP Issues:** If 4K content is not displaying, ensure your HDMI cables are high-speed and support HDCP 2.2. Some devices may require specific firmware updates to resolve HDCP compatibility issues.

7.2 No Sound or Distorted Sound

- **Volume Level:** Check the projector's volume level and ensure it is not muted.
- **Audio Output Settings:** Verify the audio output settings on your source device.

- **Cable Connection:** If using external audio, ensure audio cables (HDMI eARC, S/PDIF, Audio Out) are correctly connected.
- **Intermittent Audio Cut-off:** If experiencing intermittent audio, check all connections and ensure the source device's audio output is stable. Contact support if the issue persists after checking connections and source.

7.3 Remote Control Not Working

- **Batteries:** Replace the batteries in the remote control.
- **Line of Sight:** Ensure there are no obstructions between the remote control and the projector's IR receiver.

7.4 Connectivity Issues (Wi-Fi/Bluetooth)

- **Network Settings:** Verify Wi-Fi network settings and password.
- **Bluetooth Pairing:** Ensure Bluetooth devices are in pairing mode and within range.

8. SPECIFICATIONS

Feature	Detail
Brand	NOMVDIC
Model Number	P2000UST-RGB
Display Resolution	3840 x 2160 (4K UHD)
Brightness	2500 ANSI Lumens
Light Source	Triple Laser (RGB)
Color Gamut	100% BT.2020
HDR Support	HDR10, HLG
Throw Ratio	0.22:1 (Ultra Short Throw)
Screen Size	65" - 150"
Audio	2 x 25W Harman/Kardon Speakers, Dolby Audio, DTS Support
Connectivity	Bluetooth, HDMI (eARC), Wi-Fi, USB, S/PDIF, LAN
Special Features	3D Display, MEMC, 4 Corner Adjustment, Warping Adjustment
Item Weight	37.2 pounds
Product Dimensions	16.77 x 23.77 x 6.02 inches

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The NOMVDIC P2000 projector comes with a manufacturer's warranty. Please refer to the warranty card included in your

package for specific terms, conditions, and duration of coverage. Keep your proof of purchase for warranty claims. Optional extended protection plans may be available for purchase. Check with your retailer for details.

9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact NOMVDIC customer support. Contact information can typically be found on the official NOMVDIC website or on the warranty card provided with your product.

When contacting support, please have your product model number (P2000UST-RGB) and proof of purchase readily available.

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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

Answered questions about this manual

Why is the remote control for my NOMVDIC P2000UST-RGB projector not responding even after replacing the batteries?

If your NOMVDIC P2000UST-RGB remote control is lighting up but not operating the projector, please try the following troubleshooting steps based on the manual: Check Line of Sight: Ensure there are no physical obstructions...

[Read full answer](#)

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