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› Optoma UHL55 4K LED Smart Projector Instruction Manual

Optoma UHL55

Optoma UHL55 4K LED Smart Projector

Instruction Manual

1. INTRODUCTION AND OVERVIEW

The Optoma UHL55 is a compact 4K UHD LED smart projector designed for high-quality home cinema and outdoor use. It features 1500 LED lumens brightness, HDR10 support, and smart functionalities including Alexa and Google Assistant compatibility. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your projector.



See It All In 4K

Experience amazing detail, color, and picture quality with 8.3 million pixels and HDR.

Image 1.1: The Optoma UHL55 projector displaying a detailed 4K image with rich colors.

Key features include:

- **True 4K Ultra HD:** Experience high-quality home cinema with 8.3 million distinct addressable on-screen pixels.
- **HDR10 Compatible:** Supports DCI-P3 wide color gamut for brighter whites, deeper blacks, and greater color depth.
- **Voice Assistant Compatibility:** Works with Alexa and Google Assistant for intuitive voice control.
- **Smart TV Apps:** Android OS with Optoma Marketplace for streaming services like Netflix, YouTube, and Spotify.
- **Portable Design:** Compact size with a removable handle and included backpack for easy transport.
- **Auto Focus & Auto Keystone:** Ensures a sharp, detailed image with minimal setup.
- **Enhanced Audio:** Stereo audio with Dolby Digital and two 8-watt speakers for 360-degree omnidirectional sound.
- **Long LED Light Source Life:** Enjoy up to 15,000 hours of life.

2. SETUP

2.1 Unpacking the Projector

Carefully remove all components from the packaging. Ensure all items listed in the 'What's in the Box' section are present.

2.2 Placement

Position the projector on a stable, flat surface or mount it according to your preference. The UHL55's portable size allows for flexible placement. Ensure adequate ventilation around the unit.



Compact Size

A handle and carry case are included to make it easy to take anywhere.

Image 2.1: The Optoma UHL55 showcasing its compact size and included accessories for portability.

2.3 Power Connection

Connect the power adapter to the projector's power input and then plug it into a suitable electrical outlet.

2.4 Connecting External Devices

The projector offers various input options:

- **HDMI 2.0:** Connect media players, gaming consoles, PCs, and Macs. Supports HDCP 2.2.
- **USB:** For media playback from USB drives.
- **VGA:** For older computer connections.

Use the appropriate cables (e.g., HDMI cable included) to connect your devices.

2.5 Initial Image Adjustment

The projector features auto focus and auto keystone correction for easy image setup. If manual adjustment is needed, use the remote control or on-device controls to fine-tune focus and keystone settings.

3. OPERATING

3.1 Powering On/Off

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

3.2 Navigation and Smart Features

The Optoma UHL55 runs on Android OS, providing access to smart TV apps and the Optoma Marketplace. Use the included Bluetooth remote control to navigate the interface, select apps, and adjust settings.



Stream **Smart** TV Apps
With an Android OS and Optoma Marketplace,
enjoy your favorites.

Image 3.1: The Optoma UHL55 displaying various smart TV applications on a projected screen.

3.3 Voice Control

Utilize Alexa or Google Assistant for hands-free control. Voice commands can be used to power the projector on and off, change volume, switch input sources, and control the USB media player.



Intuitive Voice **Control**

Ask Alexa to power on and off, switch sources, adjust volume, and more.

Image 3.2: The Optoma UHL55 can be controlled intuitively using voice commands via compatible smart assistants.

3.4 Audio Output

The projector features built-in stereo 8-watt speakers with Dolby Digital for immersive sound. You can also connect external audio devices via Bluetooth for enhanced sound experiences.

Premium Omnidirectional **Sound**

Experience deeper, fuller and superior bass performance with stereo audio.



Image 3.3: The Optoma UHL55 delivers premium omnidirectional sound with its integrated speakers.

3.5 Remote Control Functions

The included remote control provides full functionality for the projector. It features dedicated buttons for power, input selection, volume, focus, keystone, and direct access to popular streaming apps.





Image 3.4: The remote control for the Optoma UHL55, featuring intuitive buttons for easy navigation and control.

4. MAINTENANCE

4.1 Cleaning the Lens

Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Avoid using abrasive materials or harsh chemicals that could scratch the lens surface.

4.2 Cleaning the Projector Casing

Wipe the exterior casing of the projector with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth. Ensure no liquid enters the ventilation openings.

4.3 Air Filter Maintenance

Regularly check and clean the air filter (if applicable) to prevent dust buildup, which can affect performance and lifespan. Refer to the detailed user manual for specific instructions on accessing and cleaning the air filter.

5. TROUBLESHOOTING

If you encounter issues with your Optoma UHL55 projector, refer to the following common troubleshooting steps:

- **No Image:** Check power connections, input source selection, and ensure the lens cap is removed.
- **Blurry Image:** Adjust the focus using the remote control or on-device settings. Ensure the projector is placed at an optimal distance from the screen.
- **Distorted Image:** Use keystone correction (auto or manual) to adjust the image shape.
- **No Sound:** Check volume levels on both the projector and the source device. Ensure external audio devices are correctly connected or paired via Bluetooth.
- **Remote Control Not Responding:** Check the batteries in the remote control. Ensure there are no obstructions between the remote and the projector.
- **Overheating:** Ensure the projector has adequate ventilation and that air vents are not blocked.

For more detailed troubleshooting, consult the full user manual or Optoma's customer support.

6. SPECIFICATIONS

Feature	Specification
Brand Name	Optoma
Item Weight	8.7 pounds
Product Dimensions	8.6 x 8.6 x 5.3 inches
Item Model Number	UHL55
Color Name	Black
Speaker Type	Built-In, Stereo
Recommended Uses For Product	Gaming
Connectivity Technology	USB
Display Resolution	3840 x 2160

7. WHAT'S IN THE BOX

The Optoma UHL55 package includes:

- UHL55 projector
- Power adapter with cable
- HDMI cable
- Bluetooth remote
- Quick start guide
- Warranty card

8. WARRANTY AND SUPPORT

The Optoma UHL55 typically comes with a manufacturer's warranty. Please refer to the included warranty card for specific terms, conditions, and duration of coverage. For technical support, service, or warranty claims, please contact Optoma customer service through their official website or the contact information provided in your warranty documentation.

Your browser does not support the video tag.

Video 8.1: An official Optoma video demonstrating features of a similar 4K UHD Smart Home Theater Projector, highlighting voice assistant compatibility.

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.

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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