

[Manuals.plus](#) /

› [Optoma](#) /

› Optoma UHD38 Bright, True 4K UHD Gaming Projector User Manual

Optoma UHD38

Optoma UHD38 4K UHD Gaming Projector User Manual

Model: UHD38

Brand: Optoma

INTRODUCTION

Immerse yourself with stunning 4K UHD images from the incredibly bright, 4,000 lumens Optoma UHD38 home entertainment and gaming projector. Project images up to 300 inches with incredible details, vibrant colors, and outstanding input response for unmatched 4K HDR cinematic and gaming experiences.

WHAT'S IN THE BOX

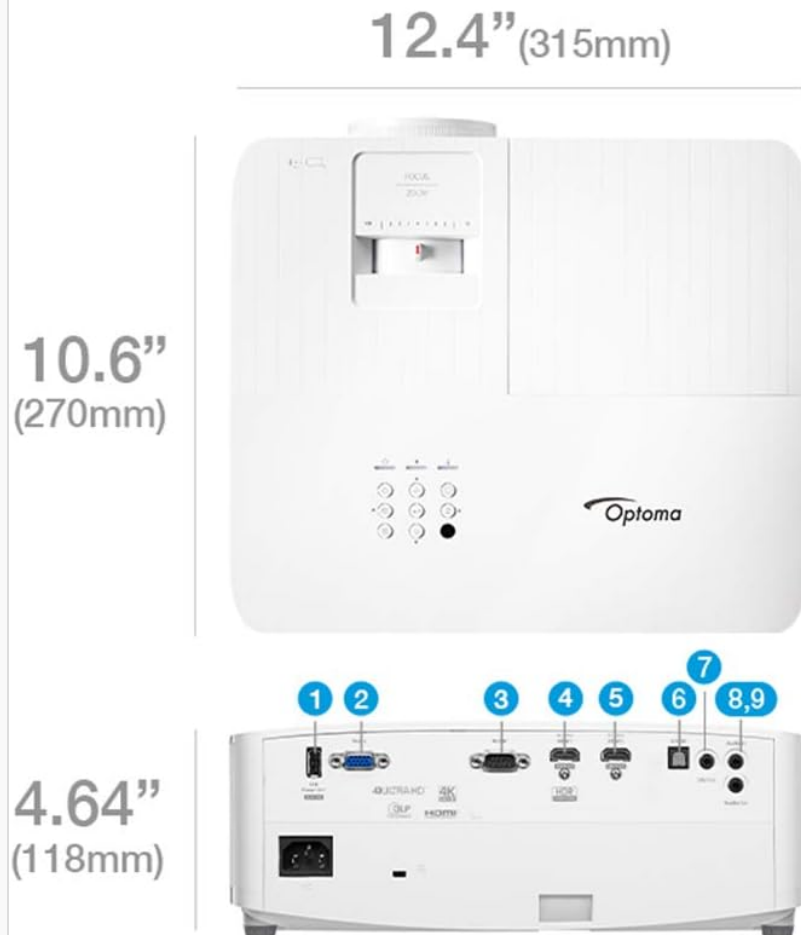
- UHD38 projector
- Quick start user manual
- Remote
- Batteries for remote
- Power cable

SETUP

Physical Placement

The Optoma UHD38 is designed for standard throw projection, capable of projecting a 120-inch image from approximately 13.1 feet away, with a maximum image size of 300 inches. Its compact dimensions (10.6 x 12.4 x 4.6 inches) and weight (9.25 pounds) allow for flexible placement, whether ceiling mounted or placed on a table.

UHD38 Dimensions & Connectivity



Connectivity

- 1 **USB Power OUT** (5V/1.5A)
- 2 **VGA In**
- 3 **RS-232**
- 4 **HDMI 2.0**
- 5 **HDMI 2.0**
- 6 **S/PDIF**
- 7 **12V Out**
- 8 **Audio In**
(stereo, 3.5mm jack)
- 9 **Audio Out**
(stereo, 3.5mm jack)

A diagram illustrating the dimensions of the Optoma UHD38 projector and its various connectivity ports on the rear panel. Dimensions are 10.6 inches (height), 12.4 inches (width), and 4.6 inches (depth). Connectivity options include USB Power OUT, VGA In, RS-232, HDMI 2.0 (x2), S/PDIF, 12V Out, Audio In (stereo, 3.5mm jack), and Audio Out (stereo, 3.5mm jack).

Connectivity

The UHD38 offers a variety of input options to connect with gaming consoles, PCs, Macs, mobile devices, Blu-ray players, ChromeCast, Roku, Amazon Fire Stick, and other streaming devices. Available ports include:

- HDMI 2.0 inputs with HDCP 2.2 support (4K compatible)
- USB
- VGA
- Audio In/Out (3.5mm jack)
- RS-232
- 12V Out

Image Adjustment

Achieve the perfect picture with easy image setup features. The projector includes 1.1x zoom and $\pm 40^\circ$ keystone correction for precise alignment.

An official product video showcasing the Optoma UHD38 projector's features, including its 4K UHD resolution, gaming capabilities, and various connectivity options.

OPERATING THE PROJECTOR

Power On/Off

To power on the projector, press the power button on the unit or the remote control. The projector will initiate its startup sequence. To power off, press the power button again and confirm shutdown if prompted.

Remote Control

The included remote control provides full functionality for navigating menus, adjusting settings, and controlling playback.





A close-up view of the Optoma UHD38 remote control, showing its various buttons for power, brightness, contrast, mode, keystone correction, volume, source selection, and HDMI/VGA inputs.

Key Features

- **True 4K Ultra HD:** Experience high-quality home cinema feel with 8.3 million distinct addressable on-screen pixels.
- **Ultra-Bright:** Enjoy 4,000 lumens of brightness, suitable for various environments including home theaters, family rooms, gaming rooms, or even outdoors.
- **HDR & HLG Compatible:** Delivers brighter whites and deeper black levels for an enhanced viewing experience.
- **Crisp, Colorful Picture:** UltraDetail technology enhances image sharpness, and the RGBWRGBW 8-segment color wheel provides rich, vivid, and cinematic images.
- **Dynamic Black:** Achieves a high contrast ratio (1,000,000:1) by smoothing lamp output, ensuring detailed dark scenes and clear bright scenes.

4K UHD + 4,000 lumens.

Bright, ultra-low lag gaming in True 4K UHD with HDR.



4K ULTRA HD™

2160P



True 4K UHD • Bright 4,000 Lumens • 1,000,000:1 contrast ratio
Ultra-fast 240Hz refresh rate & 4.2ms response time at 1080p on PC

A promotional image highlighting the Optoma UHD38's key features: 4K UHD resolution and 4,000 lumens brightness, with icons for DLP, 4K Ultra HD, 2160P, HDR Compatible, 240Hz, and 4.2ms response time.

Gaming Performance

The UHD38 is optimized for gaming with features designed to provide a smooth and responsive experience:

- **Lag-Free Gaming:** Ultra-fast 240Hz gaming for blur-free visuals.
- **Enhanced Gaming Mode:** Produces a 4.2ms response time at 1080p and 16ms at 4K UHD, offering the lowest input lag on a 4K projector.



Enhanced **Gaming** Mode

Enjoy lightning-fast input response up to 4.2ms at 1080p, 240Hz on compatible PCs, or embrace 4K UHD on the latest gaming consoles with input response up to 16.7ms at 60Hz.

An image depicting a person playing a video game projected onto a large screen, with text highlighting "Enhanced Gaming Mode" and its lightning-fast input response.



Lightning-fast 240Hz Refresh Rate

PC gamers can take advantage of the 240Hz refresh rate for blur-free visuals with outstanding smoothness.

A person playing a video game on a large projected screen, emphasizing the "Lightning-fast 240Hz Refresh Rate" for PC gamers.

An informational video explaining what True 4K UHD means and how Optoma projectors achieve 8.3 million pixels, comparing DLP technology with 3LCD pixel shifting technology.

MAINTENANCE

Lamp Life

The Optoma UHD38 features a long lamp life of up to 15,000 hours, which translates to an average of two 2-hour movies every day for over 10 years. Regular use within recommended parameters will help maximize lamp longevity.

General Care

- Keep the projector clean and free from dust. Use a soft, dry cloth for cleaning the exterior.
- Ensure proper ventilation around the projector to prevent overheating. Do not block air vents.
- Avoid touching the projector lens directly. Use a lens cleaning cloth if necessary.

TROUBLESHOOTING

No Image Displayed

- Check all cable connections (HDMI, VGA, power) to ensure they are secure.
- Verify the correct input source is selected on the projector.
- Ensure the projector is powered on and the lamp is illuminated.

Blurry or Distorted Image

- Adjust the focus ring on the projector lens until the image is sharp.
- Use the keystone correction feature to correct any trapezoidal distortion.
- Ensure the projector is placed perpendicular to the screen for optimal image geometry.

Remote Control Not Responding

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

SPECIFICATIONS

Feature	Detail
Product Dimensions	10.6 x 12.4 x 4.6 inches
Item Weight	9.25 pounds
ASIN	B08WTSV4JY
Item model number	UHD38
Customer Reviews	3.9 out of 5 stars (751 ratings)
Best Sellers Rank	#2,383 in Video Projectors
Date First Available	March 1, 2021
Manufacturer	Optoma
Brand	Optoma
Recommended Uses For Product	Home Cinema, Gaming
Special Feature	Digital Keystone Correction
Connectivity Technology	VGA, USB, HDMI
Display resolution	3840 x 2160

WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Optoma website or the user manual provided with your product.

A PDF version of the user manual is available for download:[User Manual \(PDF\)](#)

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.

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