# UHD42

4K UHD gaming and home entertainment projector

- **4K UHD resolution - HDR and HLG compatible**

- **Lights on viewing - 3400 ANSI lumens**

- **Supports 1080p 240Hz for smooth gaming and an input lag of 15.7ms**

- **Easy installation - 1.3x zoom and vertical lens shift**

# Specifications

## Display/image

| | |
|---|---|
| Display technology | DLP |
| Resolution | UHD (3840x2160) |
| Brightness | 3,400 lumens |
| Contrast ratio | 500,000:1 |
| Native aspect ratio | 16:9 |
| Aspect ratio - compatible | 4:3 |
| Keystone correction - vertical | +/-40° |
| Horizontal scan rate | 31 ~ 135Khz |
| Vertical scan rate | 24 ~ 120Hz |
| Uniformity | 80% |
| Screen size | 0.87m ~ 7.68m (34.1" ~ 302.4") diagonal |

## Lamp info

| | |
|---|---|
| Light source type | Lamp |
| Lamp watts | 240 |
| Lamp life hours (up to) | 4000 (Bright), 15000 (Dynamic), 10000 (Eco) |

## Optical

| | |
|---|---|
| Throw ratio | 1.21:1 ~ 1.59:1 |
| Projection distance (m) | 1.2m - 8.1m |
| Zoom | 1.3 |
| Zoom type | Manual |
| Focal length (mm) | 12.81 ~ 16.74 |
| Lens shift | Vertical +10% |
| Native offset | 105% |

## Connectivity

| | |
|---|---|
| Connections | **Inputs** 1 x HDMI 2.0, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm |
| | **Outputs** 1 x Audio 3.5mm, 1 x S/PDIF |
| | **Control** 1 x USB-A power 1.5A, 1 x USB-A service, 1 x RS232, 1 x 12V trigger |

## General

| | |
|---|---|
| Noise level (typical) | 26dB |
| PC compatibility | UHD, WQHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac |
| 2D compatibility | 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz), 2160p(50/60Hz) |
| 3D | Full 3D |
| Security | Security bar, Kensington Lock, Password protected interface |
| OSD / display languages | 10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish |
| Operating conditions | 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m |
| Remote control | Backlit home remote |
| Speaker count | 1 |
| Watts per speaker | 10W |
| In the box | AC power cord |
| | Remote control |
| | 2x AAA batteries |
| | Basic user manual |
| Input lag | 15.70ms |

## Power

| | |
|---|---|
| Power supply | 100 ~ 240V, 50 ~ 60Hz |
| Power consumption (standby) | 0.5W |
| Power consumption (min) | 220W |
| Power consumption (max) | 305W |

## Weight and dimensions

| | |
|---|---|
| Net weight | 3.9kg |
| Dimensions (W x D x H) mm | 315 x 270 x 118 |