

# UHZ45

Bright 4K UHD laser home entertainment projector



- **True 4K UHD resolution and laser technology - HDR and HLG compatible**
- **Lights on viewing - Bright 3800 lumens**
- **Optimised for fast-moving smooth action - 16.7ms response time in 4K at 60Hz and 4ms in 1080P at 240Hz**
- **Flexible and easy setup - Four corner correction and 1.1x zoom**



The stylish UHZ45 laser projector delivers vivid 4K UHD resolution for incredibly crisp images with exceptional clarity and vibrancy for movies, TV shows, games, and sports. Take your gaming to the next level with the included enhanced gaming mode for fast-moving action with a 16.7ms response time in 4K at 60Hz and 4ms in 1080P at 240Hz.

Specifications

|                                       |                                                                                                                                                                                                                                                                            |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display/image                         |                                                                                                                                                                                                                                                                            |
| Display technology                    | DLP™                                                                                                                                                                                                                                                                       |
| Resolution                            | UHD (3840x2160)                                                                                                                                                                                                                                                            |
| Brightness                            | 3,800 lumens                                                                                                                                                                                                                                                               |
| Contrast ratio                        | 2,000,000:1                                                                                                                                                                                                                                                                |
| Native aspect ratio                   | 16:9                                                                                                                                                                                                                                                                       |
| Aspect ratio - compatible             | 4:3                                                                                                                                                                                                                                                                        |
| Keystone correction - horizontal      | +/-30°                                                                                                                                                                                                                                                                     |
| Keystone correction - vertical        | +/-30°                                                                                                                                                                                                                                                                     |
| Has vertical auto keystone correction | Yes                                                                                                                                                                                                                                                                        |
| Displayable colours (millions)        | 1073.4                                                                                                                                                                                                                                                                     |
| Horizontal scan rate                  | 15.375 ~ 91.146 KHz                                                                                                                                                                                                                                                        |
| Vertical scan rate                    | 50 ~ 120HzHz                                                                                                                                                                                                                                                               |
| Uniformity                            | 75%                                                                                                                                                                                                                                                                        |
| Screen size                           | 0.84m ~ 7.62m (33" ~ 300") diagonal                                                                                                                                                                                                                                        |
| Lamp info                             |                                                                                                                                                                                                                                                                            |
| Light source type                     | Laser                                                                                                                                                                                                                                                                      |
| LASER life                            | 30,000 hours                                                                                                                                                                                                                                                               |
| Optical                               |                                                                                                                                                                                                                                                                            |
| Throw ratio                           | 1.5:1 ~ 1.66:1                                                                                                                                                                                                                                                             |
| Projection distance (m)               | 1.2m - 9.9m                                                                                                                                                                                                                                                                |
| Zoom                                  | 1.1                                                                                                                                                                                                                                                                        |
| Zoom type                             | Manual                                                                                                                                                                                                                                                                     |
| Focal length (mm)                     | 15.84mm~17.44mm                                                                                                                                                                                                                                                            |
| Lens shift                            | Vertical: +/-0%                                                                                                                                                                                                                                                            |
| Native offset                         | 105%                                                                                                                                                                                                                                                                       |
| Connectivity                          |                                                                                                                                                                                                                                                                            |
| Connections                           | <b>Inputs</b> 3 x HDMI 2.0, 1 x USB-A<br><b>Outputs</b> 1 x Audio 3.5mm, 1 x S/PDIF<br><b>Control</b> 1 x RS232, 1 x 12V trigger, 1 x 3D sync                                                                                                                              |
| General                               |                                                                                                                                                                                                                                                                            |
| Noise level (typical)                 | 27dB                                                                                                                                                                                                                                                                       |
| Noise level (max)                     | 29dB                                                                                                                                                                                                                                                                       |
| PC compatibility                      | UHD, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac                                                                                                                                                                                                                        |
| 2D compatibility                      | NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/M/N, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz)                                                                                                                        |
| 3D compatibility                      | TBC                                                                                                                                                                                                                                                                        |
| 3D                                    | 3D ready                                                                                                                                                                                                                                                                   |
| Security                              | Security bar, Kensington Lock, Password protected interface                                                                                                                                                                                                                |
| OSD / display languages               | 25 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese |
| 24/7 operation                        | Yes                                                                                                                                                                                                                                                                        |
| Operating conditions                  | 0°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 80%                                                                                                                                                                                                           |
| Remote control                        | Backlit home remote                                                                                                                                                                                                                                                        |
| Heat dissipation                      | 785BTU/hour                                                                                                                                                                                                                                                                |
| Speaker count                         | 2                                                                                                                                                                                                                                                                          |
| Watts per speaker                     | 10W                                                                                                                                                                                                                                                                        |
| In the box                            | AC power cord<br>Remote control<br>2x AAA batteries<br>Basic user manual                                                                                                                                                                                                   |
| Input lag                             | 4.00ms                                                                                                                                                                                                                                                                     |
| Optional wireless models              | UHDCast Pro, QuickCast Bundle, QuickCast starter kit                                                                                                                                                                                                                       |
| Power                                 |                                                                                                                                                                                                                                                                            |
| Power supply                          | 100V ~ 240V, 50-60Hz                                                                                                                                                                                                                                                       |
| Power consumption (standby)           | <0.5W                                                                                                                                                                                                                                                                      |
| Power consumption (min)               | 175W                                                                                                                                                                                                                                                                       |
| Power consumption (max)               | 230W                                                                                                                                                                                                                                                                       |
| Weight and dimensions                 |                                                                                                                                                                                                                                                                            |
| Dimensions (W x D x H) mm             | 337 x 265 x 119.3                                                                                                                                                                                                                                                          |
| Gross weight                          | 6.5 kg                                                                                                                                                                                                                                                                     |
| Net weight                            | 4.8 kg                                                                                                                                                                                                                                                                     |

