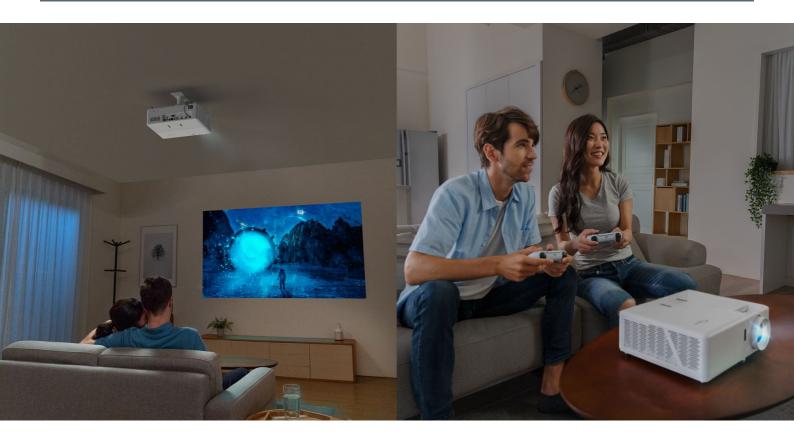# UHZ50
Smart 4K UHD laser home entertainment projector

- **True 4K UHD resolution and laser technology - HDR and HLG compatible**

- **Lights-on viewing - 3,000 lumens of brightness**

- **Optimized for fast-moving smooth action - 16.7ms response time in 4K at 60Hz and 4ms in 1080P at 240Hz**

- **Flexible and easy installation - Four corner correction, 1.3x zoom and vertical lens shift**

Get ready for a whole new cinematic experience in the comfort of your own home. The stylish UHZ50 laser projector delivers vivid 4K UHD resolution for incredibly crisp images with exceptional clarity and vibrancy for movies, TV shows, games, and sports. With the included enhanced gaming mode, gamers can enjoy fast-moving action with a 16.7ms response time in 4K at 60Hz and 4ms in 1080P at 240Hz.

Packed with the latest technology and features, this stylish projector boasts HDR and HLG compatibility, three HDMI 2.0 inputs, seamless voice control, streaming apps and a built-in media player. Laser technology provides long-lasting, exceptional color accuracy with extensive DCI-P3 coverage.

Specifications

Display/image

Display technology	DLP™
Resolution	UHD (3840x2160)
Brightness	3,000 lumens
Contrast ratio	2,500,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - horizontal	+/-40°
Keystone correction - vertical	+/-40°
Has vertical auto keystone correction	Yes
Displayable colors (millions)	1073.4
Horizontal scan rate	15.375 ~ 91.146 Khz
Vertical scan rate	50 ~ 120HzHz
Uniformity	80%
Screen size	34.1" ~ 302.4" diagonal

Lamp info

Light source type	Laser
LASER life	30,000 hours

Optical

Throw ratio	1.21:1 ~ 1.59:1
Projection distance	47.24" - 318.9"
Zoom	1.3
Zoom type	Manual
Focal length (mm)	12.81mm~16.74mm
Lens shift	Vertical +10%
Native offset	105%
Lens shift	Yes - {{downloads_link}}

Connectivity

Connections	**Inputs** 2 x HDMI 2.0, 3 x USB-A, 1 x HDMI 2.0 (eARC)
	Outputs 1 x Audio 3.5mm, 1 x S/PDIF
	Control 1 x RS232, 1 x RJ45, 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	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
3D	Full 3D
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 85%
Remote control	Backlit home remote
Heat dissipation	918BTU/hour
Speaker count	2
Watts per speaker	10W
In the box	AC power cord
	Remote control inc CR2025 battery
	Quick start user manual
	WUSB wireless adapter
Input lag	4.00ms

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)	13.27" x 10.43" x 4.82"
Gross weight	14.33 lbs
Net weight	10.58 lbs