optomaeurope.com

HZ40

Compact high brightness laser home entertainment projector

- **Lights on viewing - 4000 ANSI lumens**
- **Full HD 1080p laser projector - 4K UHD and HDR compatible**
- **Easy installation - 1.3x zoom**
- **Easy connectivity – 2x HDMI, USB Power and 10W speaker**

Feel the action and experience every moment on the big screen, with the HZ40. Perfect for immersive live sports, TV shows, movies and gaming.

Convenient and easy to set up with a flexible 1.3x zoom this compact high brightness laser projector is ideal for well-lit environments so sports fans can enjoy live action with family or friends with the lights on. Boasting HDR and Amazing colour technology, it delivers high contrast accurate true-to-life colour reproduction for movie lovers. It also has a low input latency – perfect for games that rely on rapid reactions.

An integrated speaker provides powerful sound and two HDMI inputs enable connection to multiple devices such as set-top boxes, games consoles and HDMI dongles. Weighing less than 5.5kg, you can take it round to a friend's house with the optional carry bag for a sports event, movie night or games marathon anywhere with a flat surface.

Specifications

Display/image	
Display technology	DLP™
Resolution	1080p Full HD (1920x1080)
Brightness	4,000 lumens
Contrast ratio	2,500,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - vertical	+/-40°
Has vertical auto keystone correction	Yes
Displayable colours (millions)	1073.4
Horizontal scan rate	15.375 ~ 91.146 Khz
Vertical scan rate	50 ~ 85 Hz (120Hz for 3D)Hz
Uniformity	80%
Screen size	0.71m ~ 7.63m (28" ~ 300.3") diagonal
Lamp info	
Light source type	Laser
LASER life	30,000 hours
Optical	
Throw ratio	1.21:1 ~ 1.59:1
Projection distance (m)	1m - 7.9m
Zoom	1.3
Zoom type	Manual
Focal length (mm)	12.81 ~ 16.74
Native offset	110%
Connectivity	
Connections	**Inputs** 1 x HDMI 2.0, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 2 x Audio 3.5mm **Outputs** 1 x Audio 3.5mm, 1 x USB-A power 1.5A **Control** 1 x RS232, 1 x RJ45, 1 x micro USB service
General	
Noise level (typical)	30dB
Noise level (max)	32dB
PC compatibility	UHD, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
2D compatibility	480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(24/50/60Hz), 2160p(24/50/60Hz)
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	5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m
Remote control	Data remote with laser and mouse function
Speaker count	1
Watts per speaker	10W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual
Input lag	8.40ms
Optional wireless models	WHD200
Networking	
LAN - control	Yes
Power	
Power supply	100V ~ 240V, 50-60Hz
Power consumption (standby)	<0.5W
Power consumption (min)	206W
Power consumption (max)	269W
Weight and dimensions	
Dimensions (W x D x H) mm	337 x 265 x 122.5
Gross weight	6.6 kg
Net weight	4.5 kg

Copyright © 2022, Optoma and its logo is a registered trademark of Optoma Corporation. Optoma Europe Ltd is the licensee of the registered trademark. All other product names and company names used herein are for identification purposes only and may be trademarks or registered trademarks of their respective owners.Errors and omissions excepted, all specifications are subject to change without notice.All images are for representation purposes only and may be simulated. 18082022115611