Optoma

HZ40ST

Compact high brightness short throw home entertainment laser projector

24/7 360° AUTO OFF

- **Lights on viewing - 4200 lumens**

- **Full HD 1080p laser projector - 4K UHD and HDR compatible**

- **Short throw lens - 100" image from just over a metre away**

- **Easy connectivity – 2x HDMI, USB Power and 10W speaker**

Feel the action and experience every moment on the big screen with the HZ40ST. Perfect for immersive live sports, TV shows, movies and gaming.

Convenient and easy to set-up, this compact high brightness short throw laser projector is ideal for well-lit environments so sports fans can enjoy live action with family or friends with the lights on.

Specifications

EAN: 5055387664630, Colour: White

Display/image

Display technology	DLP™
Resolution	1080p Full HD (1920x1080)
Brightness	4,200 lumens
Contrast ratio	2,500,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - horizontal	+/-15°
Keystone correction - vertical	+/-15°
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	0.93m ~ 7.66m (36.43" ~ 301.4") diagonal

Lamp info

Light source type	Laser
LASER life	30,000 hours

Optical

Throw ratio	0.5:1
Projection distance (m)	0.4m - 3.31m
Zoom type	Fixed
Focal length (mm)	7.51
Native offset	115%

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, 1 x Microphone
	Outputs 1 x VGA, 1 x Audio 3.5mm, 1 x USB-A power 1.5A
	Control 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x micro USB service, 1 x 3D sync

General

Noise level (typical)	30dB
Noise level (max)	32dB
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
IP rating	IP6X
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
360° operation	Yes
Operating conditions	5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m
Remote control	Backlit ProAV remote
Speaker count	2
Watts per speaker	10W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual
Input lag	8.20ms
Optional wireless models	HDCast Pro, QuickCast Bundle, QuickCast starter kit

Networking

LAN - control	Yes

Power

Power supply	100 ~ 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	6.22 kg
Net weight	4.5 kg