

HZ45UST

Laser 1080p Ultra Short Throw Projector



- **Bright Full HD 1080p laser projector - 4200 ANSI Lumens**
- **Super-sized 100-inch images from only 30cm away from a flat surface or screen**
- **Enjoy live sports, TV shows and gaming in Full 1080p**
- **Easy to setup – multiple connectivity for digital devices and great sound from integrated speakers**

Super-sized 100-inch images from 30cm Experience a super-sized 100-inch image with the HZ45UST placed less than 30cm away from a flat surface* or screen. Laser technology provides accurate, true to life colour reproduction for movies, gaming and live sports. And with high brightness and low latency it is great for playing action-packed games in any room.



Specifications

Display/image	
Display technology	DLP
Resolution	1080p Full HD (1920x1080)
Brightness	4.200 lumens
Contrast ratio	3.000.000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3,16:9
Keystone correction - vertical	+/-15°
Horizontal scan rate	15.3 ~ 91.1Khz
Vertical scan rate	24 ~ 85(120 for 3D)Hz
Uniformity	80%
Screen size	2.21m ~ 2.59m (87" ~ 102") (diagonal)
Lamp info	
Light source type	Laser
LASER life	30.000 hours
Optical	
Throw ratio	0.25:1
Projection distance (m)	0.45m - 0.59m
Zoom type	Fixed
Focal length (mm)	3.72
Native offset	120%
Connectivity	
Connections	<p>Inputs 2 x HDMI 1.4a 3D support, 2 x VGA (YPbPr/RGB), 1 x Composite video, 1 x Audio 3.5mm, 1 x Audio RCA L&R</p> <p>Outputs 1 x VGA shared with VGA2, 1 x Audio 3.5mm, 1 x USB-A power 2A</p> <p>Control 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x mini USB service, 1 x USB-A reader/wireless</p>
General	
Noise level (typical)	30dB
PC compatibility	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	18 languages: Arabic, Danish, Dutch, English, Finnish, French, German, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional), Turkish
Operating conditions	5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m
Remote control	Yes
Speaker count	1
Watts per speaker	10W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual
Networking	
LAN - control	Yes
Power	
Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	210W
Power consumption (max)	330W
Weight and dimensions	
Net weight	5.6kg
Dimensions (W x D x H) mm	382 x 310 x 124

