

# HZ45UST

## Laser 1080p Ultra Short Throw Projector

- Bright Full HD 1080p laser projector - 4000 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. An integrated speaker provides you with great sound and two HDMI inputs enables an easy setup. You can even turn it into a smart projector by connecting a HDMI dongle like the Google Chromecast™, Amazon Fire Stick or Apple TV™ to play games, stream videos and share photos on the big screen in the comfort of your own home. \*30cm measured from the back of the projector. Like all Ultra short projectors; to get a perfect image requires a completely flat surface. As most walls are not entirely flat, to avoid slight distortion to the top of the picture, you may need to install a screen onto your projection surface for a perfect image. If this is not possible, we suggest that for non-flat walls you might be better to use a short throw projector which can throw a 100" image from just over 1m".



## Display/Bild

|                               |                              |
|-------------------------------|------------------------------|
| Display Technologie           | DLP                          |
| Auflösung                     | 1080p Full HD (1920x1080)    |
| Helligkeit                    | 4200Lumen                    |
| Kontrastverhältnis            | 3000000                      |
| Bildseitenformat              | 16:10                        |
| Kompatible Bildformate        | 4:3, 16:9                    |
| Keystone Korrektur - vertikal | 15                           |
| Horizontale Scan Rate         | 15.3 ~ 91.1Khz               |
| Vertikale Scan Rate           | 24 ~ 85(120 for 3D)Hz        |
| Uniformität                   | 80%                          |
| Leinwandgröße                 | 2.21m - 2.59m (87in - 102in) |

## Lampentyp

|                             |   |
|-----------------------------|---|
| Lichtquelle                 | Laser   |
| Lampenlebensdauer (Stunden) | 0 (Hell), 0 (Dynamisch), 0 (Eco), 0 (Eco+), 0 (Education) |
| LASER Lebensdauer           | 20000Stunden  |

## Optik

|                        |               |
|------------------------|---------------|
| Projektionsverhältnis  | 0.25:1        |
| Projektionsabstand (m) | 0.45m - 0.59m |
| Zoom Typ               | Fix           |
| Brennweite (mm)        | 3.72          |
| Native Offset          | 120%          |

## Anschluss

|            |  |
|------------|--|
| Anschlüsse | <b>Anschlüsse</b> 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<br><b>Ausgänge</b> 1 x VGA shared with VGA2, 1 x Audio 3.5mm, 1 x USB-A power 2A<br><b>Steuerung</b> 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x mini USB service, 1 x USB-A wireless |
|------------|--|

## Generelle Infos

|                         |   |
|-------------------------|---|
| Betriebsgeräusch        | 30dB  |
| Computer Kompatibilität | FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac  |
| 2D Kompatibilität       | NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/M/N, 4.43MHz SECAM B/D/G/K/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz)  |
| 3D Kompatibilität       | Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D  |
| 3D                      | Full 3D   |
| Sicherheit              | Sicherheitsbefestigung, Kensington Lock, Passwortgeschützte Schnittstelle   |
| OSD / Display Sprachen  | 18 Sprachen: Arabisch, Norwegisch/Dänisch, Niederländisch, Englisch, Finnisch, Französisch, Deutsch, Italienisch, Japanisch, Norwegisch, Polnisch, Portugiesisch, Russisch, Chinesisch (vereinfacht), Spanisch, Chinesisch (traditionell), Türkisch |
| Betriebsbedingungen     | 5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m  |
| Fernbedienung           | Ja  |
| Lautsprecher            | 1   |
| Watt pro Lautsprecher   | 10W   |
| Standard Zubehör        | AC power cord Remote control 2xAAA batteries Basic user manual  |

## Netzwerk

|                            |      |
|----------------------------|------|
| LAN - Steuerung            | Ja   |
| LAN - Display              | Nein |
| LAN - Kabellose Verbindung | Nein |

## Stromverbrauch

|                          |                       |
|--------------------------|-----------------------|
| Stromversorgung          | 100 ~ 240V, 50 ~ 60Hz |
| Stromverbrauch (standby) | 0.5W                  |
| Stromverbrauch (max)     | 330W                  |

## Gewicht und Maße

|                              |                 |
|------------------------------|-----------------|
| Netto Gewicht (kg)           | 5.6kg           |
| Abmessungen (B x T x H) (mm) | 382 x 310 x 124 |

