

# HZ45UST

Laser 1080p Ultra Short Throw Projector



- **Lights on viewing - 4200 ANSI Lumens**
- **Super-sized 100-inch images from only 30cm away from a flat surface or screen**
- **Enjoy live sports, TV shows, games and movies 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

EAN: 5055387661288, Colour: White



| 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><b>Inputs</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&amp;R, 1 x USB-A reader/wireless</p> <p><b>Outputs</b> 1 x VGA shared with VGA2, 1 x Audio 3.5mm</p> <p><b>Control</b> 1 x RS232, 1 x mini USB service</p> |

| General               |   |
|-----------------------|---|
| Noise level (typical) | 30dB  |
| Noise level (max)     | 32dB  |
| 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 | 17 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<br>Remote control<br>2x AAA batteries<br>Basic user manual |

|                          |        |
|--------------------------|--------|
| Optional wireless models | WHD200 |
|--------------------------|--------|

| 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     |                 |
|---------------------------|-----------------|
| Dimensions (W x D x H) mm | 382 x 310 x 124 |
| Gross weight              | 8.46 kg         |
| Net weight                | 7.19 kg         |

