

# HZ40STx

Compact high brightness short throw home entertainment laser projector



- **Lights on viewing - 4200 lumens for use any time of day**
- **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 built-in 10W speaker**



Feel the action and experience every moment on the big screen with the HZ40STx. 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. 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.

Specifications

|                                       |                                                                                                                                                                                                                                                                            |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                           | <b>Inputs</b> 1 x HDMI 2.0, 1 x HDMI 1.4a 3D support, 1 x Microphone<br><b>Outputs</b> 1 x Audio 3.5mm, 1 x USB-A power 1.5A<br><b>Control</b> 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<br>Remote control<br>2x AAA batteries<br>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                                                                                                                                                                                                                                                                     |

