

# EH515ST

Powerful short throw solution

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- **Ultra bright Full HD 1080p projector – 5000 ANSI lumens**
- **Short throw lens - 100" image from less than two metres away**
- **Vertical and horizontal lens shift**
- **Four corner geometric projection**

Designed for demanding professional installations, the high-specification EH515ST short throw projector boasts a brightness of 5000 lumens and is connection ready with two HDMI inputs, MHL compatibility, DisplayPort and multiple analogue and audio connections. Equipped with four corner geometric correction and an impressive lens shift, the flexibility of the EH515ST ensures the image is exactly where it is meant to be, even on uneven walls and when projector placement is awkward.

# Specifications

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Display/image</b>                  |                                                                                                                                                                                                                                                                                                                                                                                                         |
| Display technology                    | DLP                                                                                                                                                                                                                                                                                                                                                                                                     |
| Resolution                            | 1080p Full HD (1920x1080)                                                                                                                                                                                                                                                                                                                                                                               |
| Brightness                            | 5,000 lumens                                                                                                                                                                                                                                                                                                                                                                                            |
| ANSI brightness                       | 5,000 lumens                                                                                                                                                                                                                                                                                                                                                                                            |
| Contrast ratio                        | 10,000:1                                                                                                                                                                                                                                                                                                                                                                                                |
| Native aspect ratio                   | 16:10                                                                                                                                                                                                                                                                                                                                                                                                   |
| Aspect ratio - compatible             | 4:3, 16:9                                                                                                                                                                                                                                                                                                                                                                                               |
| Keystone correction - horizontal      | 30                                                                                                                                                                                                                                                                                                                                                                                                      |
| Keystone correction - vertical        | 30                                                                                                                                                                                                                                                                                                                                                                                                      |
| Has vertical auto keystone correction | Yes                                                                                                                                                                                                                                                                                                                                                                                                     |
| Displayable colours (millions)        | 1073.4                                                                                                                                                                                                                                                                                                                                                                                                  |
| Horizontal scan rate                  | 15.375 ~ 91.146Khz                                                                                                                                                                                                                                                                                                                                                                                      |
| Vertical scan rate                    | 24 ~ 85(120 for 3D)Hz                                                                                                                                                                                                                                                                                                                                                                                   |
| Uniformity                            | 80%                                                                                                                                                                                                                                                                                                                                                                                                     |
| Screen size                           | 0.73m - 7.7m (28.59in - 303in)(Diagonal)                                                                                                                                                                                                                                                                                                                                                                |
| <b>Lamp info</b>                      |                                                                                                                                                                                                                                                                                                                                                                                                         |
| Light source                          | Lamp                                                                                                                                                                                                                                                                                                                                                                                                    |
| Lamp watts                            | 365                                                                                                                                                                                                                                                                                                                                                                                                     |
| Lamp life (hours)                     | 3000 (Bright), 5000 (Eco+)                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Optical</b>                        |                                                                                                                                                                                                                                                                                                                                                                                                         |
| Throw ratio                           | 0.79:1                                                                                                                                                                                                                                                                                                                                                                                                  |
| Projection distance (m)               | 0.5m - 5.3m                                                                                                                                                                                                                                                                                                                                                                                             |
| Zoom type                             | Fixed                                                                                                                                                                                                                                                                                                                                                                                                   |
| Focal length (mm)                     | 11.66                                                                                                                                                                                                                                                                                                                                                                                                   |
| Lens shift                            | Vertical +20, 0% Horizontal +10, -10%                                                                                                                                                                                                                                                                                                                                                                   |
| Native offset                         | 105%                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Connectivity</b>                   |                                                                                                                                                                                                                                                                                                                                                                                                         |
| Connections                           | <b>Inputs</b> 1 x HDMI 1.4a 3D support + MHL, 1 x HDMI 1.4a 3D support, 1 x DisplayPort, 2 x VGA (YPbPr/RGB), 1 x Composite video, 1 x S-Video, 1 x Audio RCA L&R, 2 x Audio 3.5mm, 1 x Mic 3.5mm<br><b>Outputs</b> 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x 12V trigger, 1 x Wired remote, 2 x Audio 3.5mm<br><b>Control</b> 1 x RS232, 1 x mini USB mouse/service |
| <b>General</b>                        |                                                                                                                                                                                                                                                                                                                                                                                                         |
| Noise level (typical)                 | 28dB                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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               | 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                                                                                                                                                                                                                                                                                                                                                                                                     |
| 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                                                                                                                                                                                                                                                                                                                               |
| <b>Networking</b>                     |                                                                                                                                                                                                                                                                                                                                                                                                         |
| LAN - control                         | Yes                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Power</b>                          |                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power supply                          | 100V ~ 240V ± 10%, 50-60Hz                                                                                                                                                                                                                                                                                                                                                                              |
| Power consumption (standby)           | 0.5W                                                                                                                                                                                                                                                                                                                                                                                                    |
| Power consumption (min)               | 340W                                                                                                                                                                                                                                                                                                                                                                                                    |
| Power consumption (max)               | 425W                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Weight and dimensions</b>          |                                                                                                                                                                                                                                                                                                                                                                                                         |
| Net weight                            | 6.1kg                                                                                                                                                                                                                                                                                                                                                                                                   |
| Dimensions (W x D x H) (mm)           | 424 x 344 x 160                                                                                                                                                                                                                                                                                                                                                                                         |

