

# AZH500

Eco-friendly compact high brightness Full HD laser projector



- **Bright Full HD 1080p DuraCore laser projector - 5200 lumens and IP6X certified**
- **Compact for easy installation - 1.3x zoom, 360-degree and portrait projection**
- **Reduced power consumption for a long life span - DuraCore laser technology delivers 30,000 hours maintenance free laser light source**
- **External power supply - More reliability, portability and energy efficiency**



The AZH500 is one of Optoma's most compact and hassle-free Full HD 1080p DuraCore laser projectors to date. Designed for maintenance-free continuous operation, it delivers powerful image performance with flexible installation features and extensive connectivity options in a sleek, compact form factor, up to 34% smaller than previous Optoma models.<sup>1</sup>

An added benefit, the AZH500 features an external power supply offering more reliability, portability and energy efficiency.

Specifications

|                                  |  |
|----------------------------------|--|
| Display/image                    |  |
| Display technology               | DLP™   |
| Resolution                       | 1080p Full HD (1920x1080)  |
| Brightness                       | 5,200 lumens   |
| Contrast ratio                   | 300,000:1  |
| Contrast ratio - dynamic         | 3,000,000:1  |
| Native aspect ratio              | 16:9   |
| Aspect ratio - compatible        | 4:3,16:9,16:10   |
| Keystone correction - horizontal | 30°  |
| Keystone correction - vertical   | 30°  |
| Displayable colours (millions)   | 1073.4   |
| Uniformity                       | 75%  |
| Lamp info                        |  |
| Light source type                | Laser  |
| LASER life                       | 30,000 hours   |
| Optical                          |  |
| Throw ratio                      | 1.13:1 ~ 1.47:1  |
| Projection distance              | 1m - 8m  |
| Zoom                             | 1.3  |
| Zoom type                        | Manual   |
| Focal length                     | 16.90 ~ 21.61  |
| Native offset                    | 116%   |
| Connectivity                     |  |
| Connections                      | Inputs 2 x HDMI 2.0<br>Outputs 1 x Audio 3.5mm, 1 x USB-A power 1.5A<br>Control 1 x RS232, 1 x RJ45  |
| General                          |  |
| Noise level (min)                | 29dB   |
| Noise level (max)                | 31dB   |
| 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                 | Yes (DLP 3D; PC frame sequential 120Hz 3D, Blu-r   |
| 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             | 0°C ~ 40°C, Max. Humidity 80%, Max. Altitude 2,500m  |
| Remote control                   | Card style   |
| Speaker count                    | 1  |
| Watts per speaker                | 15W  |
| In the box                       | AC power cord<br>Remote control<br>1x CR2025 battery<br>Basic user manual  |
| Power                            |  |
| Power supply                     | External power supply, 100V ~ 240V, 50-60Hz  |
| Power consumption (standby)      | <0.5W  |
| Power consumption (min)          | 160W   |
| Power consumption (max)          | 258.75W  |
| Weight and dimensions            |  |
| Dimensions (W x D x H)           | 274 x 216 x 114  |
| Gross weight                     | 4.5 kg   |
| Net weight                       | 2.9 kg   |

