

# ZH462

Eco-friendly compact high brightness Full HD laser projector



- **Bright Full HD 1080p DuraCore laser projector - 5000 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 ZH462 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 ZH462 features an external power supply offering more reliability, portability and energy efficiency.

## Specifications

EAN: 5055387667860, Colour: White

UPC: 796435447106, Colour: White



### Display/image

|                                  |                           |
|----------------------------------|---------------------------|
| Display technology               | DLP™                      |
| Resolution                       | 1080p Full HD (1920x1080) |
| Brightness                       | 5,000 lumens              |
| Contrast ratio                   | 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 colors (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 | 39.37" - 314.96" |
| Zoom                | 1.3              |
| Zoom type           | Manual           |
| Focal length (mm)   | 16.90 ~ 21.61    |
| Native offset       | 116%             |

### Connectivity

|             |  |
|-------------|--|
| Connections | <b>Inputs</b> 2 x HDMI 2.0<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 |
|-------------|--|

### General

|                          |  |
|--------------------------|--|
| Noise level (min)        | 29dB   |
| Noise level (max)        | 31dB   |
| 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/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 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  |
| Optional wireless models | UHDCast Pro  |

### Power

|                             |   |
|-----------------------------|---|
| Power supply                | External power supply, 100V ~ 240V, 50-60Hz |
| Power consumption (standby) | <0.5W                                       |
| Power consumption (min)     | 128W  |
| Power consumption (max)     | 205W  |

### Weight and dimensions

|                        |                       |
|------------------------|-----------------------|
| Dimensions (W x D x H) | 10.79" x 8.5" x 4.25" |
| Gross weight           | 10.14 lbs             |
| Net weight             | 7.5 lbs               |

