



# AZH500

Eco-friendly compact high brightness Full HD laser projector



- **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**

## Ultra-Compact High Brightness FHD 1080p Laser Projector

The Optoma AZH460 is a compact hassle free FHD 1080p DuraCore laser projector. Designed for maintenance-free continuous operation, it can be installed in virtually any orientation and location due to the small and lightweight footprint (34% smaller)

Designed with the environment in mind the AZH460 cuts power by 40% vs a typical Optoma lamp based projector. In addition, being built around laser technology this ensure a long product lifespan without the need for additional lamps. Optoma have looked to minimize product design to cut logistic impacts on the environment cutting CO2 and reducing our overall carbon footprint.

## Specifications

<b>Display/image</b>	
Display technology	DLP™
Resolution	1080p Full HD (1920x1080)
Brightness	5,200 lumens
Contrast ratio	30,000:1
Contrast ratio - dynamic	3,00,000:1
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%
<b>Lamp info</b>	
Light source type	Laser
LASER life	30,000 hours
<b>Optical</b>	
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%
<b>Connectivity</b>	
Connections	<b>Inputs</b> 2 x HDMI 2.0 <b>Outputs</b> 1 x Audio 3.5mm, 1 x USB-A power 1.5A <b>Control</b> 1 x RS232, 1 x RJ45
<b>General</b>	
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/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 Remote control 1x CR2025 battery Basic user manual
<b>Power</b>	
Power supply	External power supply, 100V ~ 240V, 50-60Hz
Power consumption (standby)	<0.5W
Power consumption (min)	160W
Power consumption (max)	258.75W
<b>Weight and dimensions</b>	
Dimensions (W x D x H)	274 x 216 x 114
Gross weight	4.5 kg
Net weight	2.9 kg

