

# AZH460

Ultra-Compact High Brightness FHD 1080p Laser Projector



- **Bright FHD 1080p DuraCore laser projector - 4,500 lumens and IP6X certified**
- **Small form factor for easy installation - 1.6x zoom, 360-degree and portrait projection**
- **DuraCore laser technology - 30,000 hours maintenance-free laser light source**
- **Built with the environment in mind - Long laser life span, incorporating Post consumer recycled material**



The AZH460 is Optoma's most compact hassle free FHD 1080p DuraCore laser projector to date. Designed for maintenance-free continuous operation, it can be installed in virtually any orientation and location due to the small and lightweight footprint.

Designed with the environment in mind this model cuts power by 40% vs a typical Optoma lamp based product. Optoma have looked to minimize product design to cut logistic impacts on the environment cutting CO2 and reducing our overall carbon footprint. This new model is also the first in a line of product from Optoma to look to use Post-Consumer Recycled material within the product itself.

## Specifications

<b>Display/image</b>	
Display technology	DLP™
Resolution	1080p Full HD (1920x1080)
Brightness	4,500 lumens
Contrast ratio	300,000:1
Native aspect ratio	16:9
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 ~ 140Khz
Vertical scan rate	24 ~ 120Hz
Uniformity	80%
Screen size	0.76m ~ 7.62m (30" ~ 300") diagonal
<b>Lamp info</b>	
Light source type	Laser
LASER life	30,000 hours
<b>Optical</b>	
Throw ratio	1.4:1 ~ 2.24:1
Projection distance	1m - 10m
Zoom	1.6
Zoom type	Manual
Focal length	20.91 ~ 32.62
Native offset	116%
<b>Connectivity</b>	
Connections	<b>Inputs</b> 2 x HDMI 2.0, 1 x RJ45 <b>Outputs</b> 1 x Audio 3.5mm, 1 x USB-A power 1.5A <b>Control</b> 1 x RS232
<b>General</b>	
Noise level (typical)	27dB
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	3D ready
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
Speaker count	1
Watts per speaker	15W
In the box	AC power cord Remote control Basic user manual
<b>Networking</b>	
LAN - control	LAN Control
LAN	Yes
<b>Power</b>	
Power supply	DC input 19V via a 180W power adapter (AC input 100~240V, 50/60 Hz to DC 19V)
Power consumption (standby)	<0.5W
Power consumption (min)	121W
Power consumption (max)	176W
<b>Weight and dimensions</b>	
Dimensions (W x D x H)	274 x 216 x 114
Gross weight	4.2 kg
Net weight	3 kg

