## ZK450

Eco-friendly compact high brightness 4K UHD laser projector







- True 4K UHD resolution and laser technology 4200 lumens, HDR and HLG compatible
- Small form factor for easy installation 1.6x 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 ZK450 is one of Optoma's most compact and hassle-free 4K UHD 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 ZK450 features an external power supply offering more reliability, portability and energy efficiency.

## **Specifications**

EAN: 5055387667709, Colour: White

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EAN: 5055567667709, Colour: M	Inite
JPC: 796435 44 687 1, Colour: \	Vhite
Display/image	
Display technology	DLP <sup>TM</sup>
Resolution	UHD (3840x2160)
Brightness	4,200 lumens
Contrast ratio	300,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3,16:9,16:10
Keystone correction -	+/-30°
horizontal	.,
Keystone correction - vertical	+/-30°
Displayable colours (millions)	1073.4
lorizontal scan rate	15 ~ 140Khz
/ertical scan rate	24 ~ 240Hz
Jniformity	80%
Screen size	
	0.66m ~ 7.7m (26" ~ 303") diagonal
Lamp info	
Light source type	Laser
ASER life	30,000 hours
Optical	
Throw ratio	1.4:1 ~ 2.24:1
Projection distance (m)	1.3m - 9.4m
Zoom	1.6
Zoom type	Manual
Focal length (mm)	20.91 ~ 32.62
lative offset	116%
Connectivity	
Connections	Inputs 2 × HDMI 2.0
	Outputs 1 x Audio 3.5mm, 1 x USB-A power 1.5A
	Control 1 x RS232, 1 x RJ45
General	
Noise level (min)	28dB
voise level (min)	35dB
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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-ray DVD 3D)
3D	Full 3D
Security	Security bar, Kensington Lock, Password protected interface
P 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,
	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian,
24/7 operation	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional),
	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese
360° operation	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes
360° operation Dperating conditions	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes 0°C ~ 40°C, Max. Humidity 80%, Max. Altitude 10,00ft
360° operation Dperating conditions Remote control	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes Yes 0°C ~ 40°C, Max. Humidity 80%, Max. Altitude 10,00ft Card style
360° operation Operating conditions Remote control Speaker count	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes O°C ~ 40°C, Max. Humidity 80%, Max. Altitude 10,00ft Card style 1
360° operation Operating conditions Remote control Speaker count Watts per speaker	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 0°C ~ 40°C, Max. Humidity 80%, Max. Altitude 10,00ft Card style 1 15W
360° operation Operating conditions Remote control Speaker count Watts per speaker	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 0°C ~ 40°C, Max. Humidity 80%, Max. Altitude 10,00ft Card style 1 15W AC power cord
360° operation Operating conditions Remote control Speaker count Watts per speaker	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 0°C ~ 40°C, Max. Humidity 80%, Max. Altitude 10,00ft Card style 1 15W
860° operation Deperating conditions Remote control Speaker count Watts per speaker n the box	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 0°C ~ 40°C, Max. Humidity 80%, Max. Altitude 10,00ft Card style 1 15W AC power cord Remote control with 1x CR2025 Battery Basic user manual
360° operation Operating conditions Remote control Speaker count Watts per speaker n the box Optional wireless models	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 0°C ~ 40°C, Max. Humidity 80%, Max. Altitude 10,00ft Card style 1 15W AC power cord Remote control with 1x CR2025 Battery
360° operation Operating conditions Remote control Speaker count Watts per speaker n the box Optional wireless models <b>Power</b>	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes O°C ~ 40°C, Max. Humidity 80%, Max. Altitude 10,00ft Card style 1 15W AC power cord Remote control with 1x CR2025 Battery Basic user manual UHDCast Pro
360° operation Operating conditions Remote control Speaker count Watts per speaker n the box Optional wireless models Power Power supply	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes O°C ~ 40°C, Max. Humidity 80%, Max. Altitude 10,00ft Card style 1 15W AC power cord Remote control with 1x CR2025 Battery Basic user manual UHDCast Pro External power supply, 100V ~ 240V, 50-60Hz
360° operation Operating conditions Remote control Speaker count Watts per speaker n the box Optional wireless models Power Power supply Power consumption (standby)	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes O°C ~ 40°C, Max. Humidity 80%, Max. Altitude 10,00ft Card style 1 15W AC power cord Remote control with 1x CR2025 Battery Basic user manual UHDCast Pro External power supply, 100V ~ 240V, 50-60Hz <0.5W
360° operation Operating conditions Remote control Speaker count Watts per speaker n the box Optional wireless models Power Power supply Power consumption (standby) Power consumption (min)	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes O°C ~ 40°C, Max. Humidity 80%, Max. Altitude 10,00ft Card style 1 15W AC power cord Remote control with 1x CR2025 Battery Basic user manual UHDCast Pro External power supply, 100V ~ 240V, 50-60Hz <0.5W 126W
360° operation Operating conditions Remote control Speaker count Watts per speaker In the box Optional wireless models Power Power supply Power consumption (standby) Power consumption (min) Power consumption (max)	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes O°C ~ 40°C, Max. Humidity 80%, Max. Altitude 10,00ft Card style 1 15W AC power cord Remote control with 1x CR2025 Battery Basic user manual UHDCast Pro External power supply, 100V ~ 240V, 50-60Hz <0.5W
360° operation Operating conditions Remote control Speaker count Watts per speaker n the box Optional wireless models Power Power Power consumption (standby) Power consumption (min) Power consumption (max) Weight and dimensions	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 0°C ~ 40°C, Max. Humidity 80%, Max. Altitude 10,00ft Card style 1 15W AC power cord Remote control with 1x CR2025 Battery Basic user manual UHDCast Pro External power supply, 100V ~ 240V, 50-60Hz <0.5W 126W 185W
360° operation Operating conditions Remote control Speaker count Watts per speaker In the box Optional wireless models Power Power consumption (standby) Power consumption (min) Power consumption (min) Power consumption (max) Weight and dimensions Dimensions (W x D x H) mm	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 0°C ~ 40°C, Max. Humidity 80%, Max. Altitude 10,00ft Card style 1 15W AC power cord Remote control with 1x CR2025 Battery Basic user manual UHDCast Pro External power supply, 100V ~ 240V, 50-60Hz <0.5W 126W 185W
24/7 operation 24/7 operation Operating conditions Remote control Speaker count Watts per speaker In the box Optional wireless models Power Power supply Power consumption (standby) Power consumption (min) Power consumption (max) Weight and dimensions Dimensions (W x D x H) mm Gross weight Net weight	Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese Yes 0°C ~ 40°C, Max. Humidity 80%, Max. Altitude 10,00ft Card style 1 15W AC power cord Remote control with 1x CR2025 Battery Basic user manual UHDCast Pro External power supply, 100V ~ 240V, 50-60Hz <0.5W 126W 185W





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