

## **ZK810T**

High brightness professional 4K UHD laser projector









- 8500 lumen 4K UHD DuraCore laser projector High brightness for immersive installations
- Full motorised lens shift Easy to set up
- Dust resistant Independently tested, IP5X certified
- Long life Delivers 30,000 hours of virtually maintenance free operation

## Spectacular 4K UHD image quality, low maintenance and ultimate reliability

The ZK810T 4K UHD laser projector is perfect for fixed installations within education, museums, houses of worship, large venues, simulation or immersive applications.

Designed with the environment in mind, these are one of the first ProAV projectors to be part of Optoma's Eco Promise. The eco-friendly chassis design is made with up to 50% PCR (Post-Consumer Recycled) plastics and the packaging contains up to 97% recyclable materials.

Delivering an astonishing 30,000 hours, the ZK810T combines a long-lifetime light source and an independent IP5X certified optical engine for 24/7 operation capabilities, offering truly maintenance-free projection.

With high brightness, colour precision and quiet operation, along with a fixed standard throw lens making this projector the ideal solution for a variety of end user scenarios and professional environment.

## **Specifications**

UPC: 796435 44 720 5, EAN: 505538	8/66//85, Colour: Black
Display/image	
Display technology	DLP™
Resolution	UHD (3840x2160)
Brightness	8,500 lumens
ANSI brightness	7,200
Contrast ratio	
	3,000,000:1
Contrast ratio - full on/off	1,100:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3,16:9
Keystone correction -	+/-30°
horizontal	
Keystone correction - vertical	+/-40°
Displayable colours (millions)	1073.4
Horizontal scan rate	15.375~91.146Khz
Vertical scan rate	24~85Hz
Uniformity	95%
Screen size	1.27m ~ 7.62m (50" ~ 300") diagonal
Lamp info	
Light source type	DuraCore Laser
LASER life	30,000 hours
Optical	00,000 110010
Throw ratio	1.26:1 ~ 2:1
Projection distance (m)	1.33m - 13.06m
Zoom	1.6
Zoom type	Motorised
Focal length (mm)	18.72~29.59
Lens shift	Vertical: +/-55%, Horizontal: +/-25%
Lens shift	Yes - see product downloads for more information
Connectivity	
Connections	Inputs 2 x HDMI 2.0, 1 x USB-B service, 1 x 3D sync, 1 x
	Wired remote
	Outputs 1 x HDMI 2.0, 1 x USB-A power 1.5A, 1 x Audio
	3.5mm, 1 x 3D sync
	Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x
	RS232
LAN - wireless networking	No
LAN - wireless networking  General	
General	No
General Noise level (min)	No 34dB
General Noise level (min) Noise level (max)	No 34dB 38dB
General Noise level (min) Noise level (max) 3D	No 34dB 38dB Full 3D
General Noise level (min) Noise level (max) 3D Security	No  34dB 38dB Full 3D Security bar, Kensington Lock, Password protected interface
General Noise level (min) Noise level (max) 3D Security IP rating	No  34dB 38dB Full 3D Security bar, Kensington Lock, Password protected interface IP5X
General Noise level (min) Noise level (max) 3D Security	No  34dB 38dB Full 3D Security bar, Kensington Lock, Password protected interface IP5X 11 languages: Dutch, English, French, German, Indonesian,
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General Noise level (min) Noise level (max) 3D Security IP rating OSD / display languages 24/7 operation 360° operation	No  34dB 38dB Full 3D Security bar, Kensington Lock, Password protected interface IP5X 11 languages: Dutch, English, French, German, Indonesian, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish Yes Yes
General Noise level (min) Noise level (max) 3D Security IP rating OSD / display languages 24/7 operation 360° operation Remote control	No  34dB 38dB Full 3D Security bar, Kensington Lock, Password protected interface IP5X 11 languages: Dutch, English, French, German, Indonesian, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish Yes Yes Backlit ProAV remote
General Noise level (min) Noise level (max) 3D Security IP rating OSD / display languages  24/7 operation 360° operation Remote control Speaker count	No  34dB 38dB Full 3D Security bar, Kensington Lock, Password protected interface IP5X 11 languages: Dutch, English, French, German, Indonesian, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish Yes Yes Backlit ProAV remote 2
General Noise level (min) Noise level (max) 3D Security IP rating OSD / display languages  24/7 operation 360° operation Remote control Speaker count Watts per speaker	No  34dB 38dB Full 3D Security bar, Kensington Lock, Password protected interface IP5X 11 languages: Dutch, English, French, German, Indonesian, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish Yes Yes Backlit ProAV remote 2 10W
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General Noise level (min) Noise level (max) 3D Security IP rating OSD / display languages  24/7 operation 360° operation Remote control Speaker count Watts per speaker	No  34dB 38dB Full 3D Security bar, Kensington Lock, Password protected interface IP5X 11 languages: Dutch, English, French, German, Indonesian, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish Yes Yes Backlit ProAV remote 2 10W QSG Back lit remote control
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General Noise level (min) Noise level (max) 3D Security IP rating OSD / display languages  24/7 operation 360° operation Remote control Speaker count Watts per speaker In the box	No  34dB 38dB Full 3D Security bar, Kensington Lock, Password protected interface IP5X 11 languages: Dutch, English, French, German, Indonesian, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish Yes Yes Backlit ProAV remote 2 10W QSG Back lit remote control
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General Noise level (min) Noise level (max) 3D Security IP rating OSD / display languages  24/7 operation 360° operation Remote control Speaker count Watts per speaker In the box  Networking LAN - control LAN - wireless networking	No  34dB 38dB Full 3D Security bar, Kensington Lock, Password protected interface IP5X 11 languages: Dutch, English, French, German, Indonesian, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish Yes Yes Backlit ProAV remote 2 10W QSG Back lit remote control Power cable AAA Batteries  Yes No
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General Noise level (min) Noise level (max) 3D Security IP rating OSD / display languages  24/7 operation 360° operation Remote control Speaker count Watts per speaker In the box  Networking LAN - control LAN - wireless networking LAN Power	No  34dB 38dB Full 3D Security bar, Kensington Lock, Password protected interface IP5X 11 languages: Dutch, English, French, German, Indonesian, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish Yes Yes Backlit ProAV remote 2 10W QSG Back lit remote control Power cable AAA Batteries  Yes No Yes
General Noise level (min) Noise level (max) 3D Security IP rating OSD / display languages  24/7 operation 360° operation Remote control Speaker count Watts per speaker In the box  Networking LAN - control LAN - wireless networking LAN Power Power Supply	No  34dB 38dB Full 3D Security bar, Kensington Lock, Password protected interface IP5X 11 languages: Dutch, English, French, German, Indonesian, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish Yes Yes Backlit ProAV remote 2 10W QSG Back lit remote control Power cable AAA Batteries  Yes No Yes  AC 100 – 240 V @ 50/60 Hz
General Noise level (min) Noise level (max) 3D Security IP rating OSD / display languages  24/7 operation 360° operation Remote control Speaker count Watts per speaker In the box  Networking LAN - control LAN - wireless networking LAN Power Power supply Power consumption (standby)	No  34dB 38dB Full 3D Security bar, Kensington Lock, Password protected interface IP5X 11 languages: Dutch, English, French, German, Indonesian, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish Yes Yes Backlit ProAV remote 2 10W QSG Back lit remote control Power cable AAA Batteries  Yes No Yes
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General Noise level (min) Noise level (max) 3D Security IP rating OSD / display languages  24/7 operation 360° operation Remote control Speaker count Watts per speaker In the box  Networking LAN - control LAN - wireless networking LAN Power Power supply Power consumption (standby) Power consumption (min)	No  34dB 38dB Full 3D Security bar, Kensington Lock, Password protected interface IP5X 11 languages: Dutch, English, French, German, Indonesian, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish Yes Yes Backlit ProAV remote 2 10W QSG Back lit remote control Power cable AAA Batteries  Yes No Yes  AC 100 – 240 V @ 50/60 Hz 0.5W 280W

19.6 kg

14.5 kg

Gross weight Net weight





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