

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.

The added control flexibility of HDBaseT 3.0, RS232, LAN, OMS and OSS makes this projector an affordable install and forget solution.

Specifications

UPC: 796435 44 720 5, EAN: 50	
Display/image	
Display technology	DLPTM
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
lative aspect ratio	16:9
spect ratio - compatible	4:3,16:9
Keystone correction -	+/-30°
orizontal	+/-50
Keystone correction - vertical	+/-40°
Displayable colours (millions)	1073.4
lorizontal scan rate	15.375~91.146Khz
ertical scan rate	24~85Hz
Jniformity	95%
creen size	1.27m ~ 7.62m (50" ~ 300") diagonal
amp info	
ight source type	DuraCore Laser
ASER life	30,000 hours
Optical	
hrow ratio	1.26:1 ~ 2:1
rojection distance (m)	1.33m - 13.06m
oom	1.6
oom type	Motorised
ocal length (mm)	18.72~29.59
ens shift	Vertical: +/-55%, Horizontal: +/-25%
ens 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
AN - wireless networking	No
aeneral	
loise level (min)	34dB
. ,	34dB 38dB
loise level (max)	
Noise level (max) BD	38dB Full 3D
Noise level (max) BD Security	38dB Full 3D
Noise level (min) Noise level (max) 3D Security IP rating OSD / display languages	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
Noise level (max) SD Security P rating DSD / display languages 24/7 operation	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
loise level (max) D Security P rating JSD / display languages 14/7 operation 160° operation	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
loise level (max) D lecurity P rating ISD / display languages 4/7 operation 60° operation	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
loise level (max) D ecurity P rating ISD / display languages 4/7 operation 60° operation temote control	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
loise level (max) D Security P rating JSD / display languages (4/7 operation 60° operation Remote control Speaker count	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
loise level (max) D Security P rating DSD / display languages	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
loise level (max) D Security P rating SSD / display languages 4/7 operation 60° operation Remote control Speaker count Vatts per speaker	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
oise level (max) D ecurity P rating SD / display languages 4/7 operation 60° operation emote control peaker count /atts per speaker	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
oise level (max) consecutive rating SD / display languages 4/7 operation 50° operation emote control peaker count fatts per speaker the box	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
oise level (max) D ecurity P rating SD / display languages 4/7 operation 60° operation emote control peaker count /atts per speaker the box	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
oise level (max) D ecurity P rating SD / display languages 4/7 operation 60° operation emote control peaker count /atts per speaker t the box	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
oise level (max) D ecurity P rating SD / display languages 4/7 operation 60° operation emote control peaker count /atts per speaker the box etworking AN - control	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
oise level (max) D ecurity Prating SD / display languages 4/7 operation 60° operation emote control peaker count /atts per speaker to the box etworking AN - control AN - wireless networking	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
loise level (max) D ecurity P rating ISD / display languages 4/7 operation 60° operation 60° operation emote control peaker count /atts per speaker the box letworking AN - control AN - wireless networking AN	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
loise level (max) D D ecurity P rating DSD / display languages 4/7 operation 60° operation lemote control speaker count Vatts per speaker n the box letworking AN - control AN - wireless networking AN Power	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
loise level (max) D iecurity P rating ISD / display languages 4/7 operation 60° operation temote control ipeaker count Vatts per speaker in the box Ietworking AN - control AN - wireless networking AN Power iower supply	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 Backlit ProAV remote 2 10W QSG Back lit remote control Power cable AAA Batteries Yes No Yes AC 100 – 240 V @ 50/60 Hz
loise level (max) D lecurity P rating VSD / display languages 4/7 operation 60° operation temote control peaker count Vatts per speaker in the box letworking AN - control AN - wireless networking AN Power lower supply lower consumption (standby)	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 Yes AC 100 – 240 V @ 50/60 Hz 0.5W
loise level (max) P Security P rating SD / display languages 14/7 operation 160° operation Remote control speaker count Vatts per speaker In the box 14/7 operation Remote control AN - control AN - control AN - control AN - wireless networking AN - control AN - wireless networking AN - control Power Power consumption (standby) Power consumption (min)	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 Yes Yes AC 100 – 240 V @ 50/60 Hz 0.5W 280W
loise level (max) D Security P rating SD / display languages 4/7 operation 60° operation temote control speaker count Vatts per speaker in the box letworking AN - control AN - contr	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 Yes AC 100 – 240 V @ 50/60 Hz 0.5W
loise level (max) D ecurity P rating ISD / display languages 4/7 operation 60° operation termote control peaker count /atts per speaker ot the box letworking AN - control AN - wireless networking AN ower ower consumption (standby) ower consumption (max) Veight and dimensions	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 530W
loise level (max) D iecurity P rating DSD / display languages 4/7 operation 60° operation Remote control ispeaker count Vatts per speaker n the box letworking AN - control AN - wireless networking AN - control AN - wireless networking AN - consumption (standby) 'ower consumption (max) Veight and dimensions bimensions (W x D x H) mm	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 530W 486 x 432.5 x 185.5
oise level (max) D ecurity Prating SD / display languages 4/7 operation 80° operation emote control peaker count /atts per speaker t the box etworking AN - control AN - wireless networking AN ower consumption (standby) ower consumption (max) /eight and dimensions	38dB Full 3D Security bar, Kensington Lock, Password protected interface IPSX 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 Yes AC 100 – 240 V @ 50/60 Hz 0.5W 280W 530W





Copyright © 2024, Optoma and its logo is a registered trademark of Optoma Corporation. Optoma Europe Ltd is the licensee of the registered trademark. All other product names and company names used herein are for identification purposes only and may be trademarks or registered trademarks of their respective owners. Errors and omissions excepted, all specifications are subject to change without notice. All

images are for representation purposes only and may be simulated. 31102024015701