Optoma

ZK810T
High brightness professional 4K UHD laser projector

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.

Specification

Display/image

Display technology	DLP™
Resolution	UHD (3840x2160)
Brightness	8,500 lumens
Contrast ratio	3,000,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3,16:9
Keystone correction - horizontal	+/-30°
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

Throw ratio	1.25:1 ~ 2:1
Projection distance	1.33m - 13.06m
Zoom	1.6
Zoom type	Motorised
Focal length	18.72~29.59
Lens shift	Vertical: +/-110%, Horizontal: +/-50%
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 remoteOutputs 1 x HDMI 2.0, 1 x USB-A power 1.5A, 1 x Audio 3.5mm, 1 x 3D syncControl 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232
LAN - wireless networking	No

General

Noise level (min)	34dB
Noise level (max)	38dB
3D	Full 3D
Security	Security bar, Kensington Lock, Password protected interface
IP rating	IP5X
24/7 operation	Yes
360° operation	Yes
Remote control	Backlit ProAV remote
Speaker count	2
Watts per speaker	10W
In the box	QSG Back lit remote control Power cable

Specification

Networking

LAN - control	Yes
LAN - wireless networking	No
LAN	Yes

Power

Power supply	AC 100 – 240 V @ 50/60 Hz
Power consumption (standby)	0.5W
Power consumption (min)	280W
Power consumption (max)	530W

Weight and dimensions

Dimensions (W x D x H)	486 x 432.5 x 185.5
Gross weight	18.7 kg
Net weight	15 kg