

ZK810TST

High brightness professional 4K UHD laser projector





- 8500 lumen 4K UHD DuraCore laser projector -High brightness for immersive installations
- Full motorised lens shift Ideal for a simple 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 ZK810TST 4K UHD laser projector is perfect for fixed installations within education, museums, houses of worship, large venues, simulation or immersive applications.

Delivering an astonishing 30,000 hours, the ZK810TST combines a long-lifetime light source and an independent IP5X-certified optical engine for 24/7 operation capabilities, offering truly maintenance-free projection.

Specifications

JPC: 796435 44 722 9, 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
Native aspect ratio	16:9
Aspect ratio - compatible	4:3,16:9
Keystone correction - norizontal	+/-20°
Keystone correction - vertical	+/-15°
Displayable colours (millions)	1073.4
lorizontal scan rate	15.375~91.146Khz
/ertical scan rate	24~85Hz
Jniformity	95%
Screen size	
	1.27m ~ 25.4m (50" ~ 1000") diagonal
_amp info	
Light source type	DuraCore Laser
ASER life	30,000 hours
Optical	0.05 / 0.75 /
Throw ratio	0.65:1 ~ 0.75:1
Projection distance (m)	0.7m - 16.6m
Zoom	1.15
Zoom type	Motorised
Focal length (mm)	9.69~11.19
_ens shift	Vertical: +/-55%, Horizontal: +/-25%
_ens shift	Yes - see product downloads for more information
Connectivity	
	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
_AN - wireless networking	3.5mm, 1 x 3D sync
_AN - wireless networking General	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232
	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232
General Noise level (min)	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No
General Noise level (min) Noise level (max)	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB
G eneral Noise level (min) Noise level (max) 3D	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D
G eneral Noise level (min) Noise level (max) 3D Security	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock
G eneral Noise level (min) Noise level (max) 3D	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock IP5X 11 languages: Dutch, English, French, German, Indonesian, Italian, Japanese, Portuguese, Russian, Chinese (simplified),
General Noise level (min) Noise level (max) BD Security P rating DSD / display languages	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock IP5X 11 languages: Dutch, English, French, German, Indonesian, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish
General Noise level (min) Noise level (max) 3D Security P rating DSD / display languages 24/7 operation	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock IP5X 11 languages: Dutch, English, French, German, Indonesian, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish Yes
General Noise level (min) Noise level (max) BD Security P rating DSD / display languages 24/7 operation 360° operation	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock 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 P rating DSD / display languages 24/7 operation 360° operation Remote control	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock 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 P rating DSD / display languages 24/7 operation 360° operation Remote control Speaker count	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock 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 P rating DSD / display languages 24/7 operation 360° operation Remote control Speaker count Natts per speaker	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock IP5X 11 languages: Dutch, English, French, German, Indonesian, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish Yes Yes Backlit ProAV remote 2 10W
General Noise level (min) Noise level (max) 3D Security P rating DSD / display languages 24/7 operation 360° operation Remote control Speaker count	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock IP5X 11 languages: Dutch, English, French, German, Indonesian, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish Yes Sacklit ProAV remote 2 10W QSG
General Noise level (min) Noise level (max) 3D Security P rating DSD / display languages 24/7 operation 360° operation Remote control Speaker count Natts per speaker	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock 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
General Noise level (min) Noise level (max) 3D Security P rating DSD / display languages 24/7 operation 360° operation Remote control Speaker count Natts per speaker	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock 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
General Noise level (min) Noise level (max) BD Security P rating DSD / display languages 24/7 operation 360° operation Remote control Speaker count Watts per speaker n the box	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock 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
General Noise level (min) Noise level (max) DD Security P rating DSD / display languages 24/7 operation Remote control Speaker count Natts per speaker n the box Networking	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock 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
General Noise level (min) Noise level (max) DD Security P rating DSD / display languages 24/7 operation 360° operation Remote control Speaker count Watts per speaker n the box Vetworking LAN - control	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 34dB 38dB Full 3D Security bar, Kensington Lock 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
General Noise level (min) Noise level (max) JD Security P rating OSD / display languages 24/7 operation 360° operation Remote control Speaker count Watts per speaker n the box Vetworking LAN - control LAN - wireless networking	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 34dB 38dB Full 3D Security bar, Kensington Lock 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
General Noise level (min) Noise level (max) BD Security P rating DSD / display languages 24/7 operation 860° operation 860° operation Remote control Speaker count Watts per speaker n the box Networking AN - control AN - wireless networking AN	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 34dB 38dB Full 3D Security bar, Kensington Lock 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
General Noise level (min) Noise level (max) ND Security P rating OSD / display languages 24/7 operation 360° operation Remote control Speaker count Watts per speaker n the box Vetworking _AN - control _AN - wireless networking _AN	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock 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) ND Security P rating OSD / display languages 24/7 operation 80° operation Remote control Speaker count Watts per speaker n the box Vetworking _AN - control _AN - wireless networking _AN Power Power supply	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock 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) ND Security P rating OSD / display languages 24/7 operation 360° operation Remote control Speaker count Watts per speaker n the box Vetworking _AN - control _AN - wireless networking _AN	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock 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) ND Security P rating OSD / display languages 24/7 operation 80° operation Remote control Speaker count Watts per speaker n the box Vetworking _AN - control _AN - wireless networking _AN Power Power supply	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock 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) ND Security P rating DSD / display languages 24/7 operation 80° operation Remote control Speaker count Watts per speaker n the box Vetworking _AN - control _AN - wireless networking _AN - wireless networking	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock 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 0.5W
General Noise level (min) Noise level (max) JD Security P rating OSD / display languages 24/7 operation 360° operation Remote control Speaker count Natts per speaker n the box Vetworking _AN - control _AN - control _AN Power >ower supply Power consumption (standby) Power consumption (min)	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock 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 0.5W 280W
General Noise level (min) Noise level (max) JD Security P rating DSD / display languages 24/7 operation 360° operation Remote control Speaker count Natts per speaker n the box Vetworking _AN - control _AN - wireless networking _AN Power Power consumption (standby) Power consumption (max)	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock 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 0.5W 280W
General Noise level (min) Noise level (max) JD Security P rating DSD / display languages 24/7 operation 360° operation Remote control Speaker count Watts per speaker n the box Vetworking _AN - control _AN - wireless networking _AN - Sower Power consumption (standby) Power consumption (min) Power consumption (max) Weight and dimensions	3.5mm, 1 x 3D sync Control 1 x HDBaseT 4K, 1 x RJ45, 1 x 12V trigger, 1 x RS232 No 34dB 38dB Full 3D Security bar, Kensington Lock 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





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