

## ZU820T Ultra-Bright fixed lens laser projector





- 8,800 Lumens Duracore laser projector Ultra bright for immersive installations
- Full motorised lens shift Ideal for a simple set up
- Large zoom range Motorised zoom expands placement opportunities
- Long life Delivers 30,000 hours of virtually maintenance-free operation



At 8,800 lumens with 4K and HDR compatibility, the ZU820T features a dust-resistant IP5X certified optical engine for 24/7 operation capabilities, offering true maintenance-free projection for up to 30,000 hours of powerful performance in Eco mode. Other features include a motorised zoom, full motorised lens shift and built-in dual 10W speakers.

High brightness, colour precision and quiet operation, alongside a 1.6x zoom make this projector the ideal solution for a variety of enduser scenarios and professional environments, such as simulation, edge-blending and projection mapping, and immersive installations.

## **Specifications**

Display/image	
Display technology	DLP
Resolution	WUXGA (1920x1200)
Brightness	8,800 lumens
Contrast ratio	3,000,000:1
Contrast ratio - full on/off	1,100:1
Native aspect ratio	16:10
Aspect ratio - compatible	4:3,16:9,16:10
Keystone correction -	30°
horizontal	
Keystone correction - vertical	30°
Uniformity	95%
Screen size	1.27m ~ 7.62m (50" ~ 300") diagonal
Lamp info	
Light source type	DuraCore Laser
LASER life	30,000 hours
Optical	/ a a
Throw ratio	1.25:1 ~ 2:1
Projection distance	0.8m - 21.5m
Zoom	1.6
Zoom Zoom type	Notorised
Focal length	18.72~29.59
Lens shift	Vertical: +/-110%, Horizontal: +/-50%
Lens shift	Yes - {{downloads_link}}
Connectivity Connections	Inputs 1 × HDBaseT, 1 × HDMI 2.0, 1 × HDMI 1.4a 3D support, 1 × VGA, 1 × 3D sync, 1 × Audio 3.5mm Outputs 1 × HDMI 2.0, 1 × 3D sync, 1 × USB-A power 1.5A,
	1 x Audio 3.5mm <b>Control</b> 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x
	1 x Audio 3.5mm <b>Control</b> 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232
LAN - wireless networking	1 x Audio 3.5mm <b>Control</b> 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x
General	1 x Audio 3.5mm <b>Control</b> 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No
General Noise level (typical)	1 x Audio 3.5mm <b>Control</b> 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB
<b>General</b> Noise level (typical) Noise level (max)	1 x Audio 3.5mm <b>Control</b> 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB
General Noise level (typical) Noise level (max) 3D	1 x Audio 3.5mm <b>Control</b> 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D
General Noise level (typical) Noise level (max) 3D Security	1 x Audio 3.5mm <b>Control</b> 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock
General Noise level (typical) Noise level (max) 3D Security IP rating	1 x Audio 3.5mm <b>Control</b> 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X
General Noise level (typical) Noise level (max) 3D Security IP rating 24/7 operation	1 x Audio 3.5mm <b>Control</b> 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X Yes
General Noise level (typical) Noise level (max) 3D Security IP rating 24/7 operation 360° operation	1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X Yes Yes
General Noise level (typical) Noise level (max) 3D Security IP rating 24/7 operation 360° operation Remote control	1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X Yes Yes Backlit ProAV remote
General Noise level (typical) Noise level (max) 3D Security IP rating 24/7 operation 360° operation Remote control Speaker count	1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X Yes Yes Backlit ProAV remote 2
General Noise level (typical) Noise level (max) 3D Security IP rating 24/7 operation 360° operation Remote control Speaker count	1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X Yes Yes Backlit ProAV remote
General Noise level (typical) Noise level (max) 3D Security IP rating 24/7 operation 360° operation Remote control Speaker count Watts per speaker	1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X Yes Yes Backlit ProAV remote 2
General Noise level (typical) Noise level (max) 3D Security IP rating 24/7 operation 360° operation Remote control Speaker count Watts per speaker Networking	1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X Yes Yes Backlit ProAV remote 2
General Noise level (typical) Noise level (max) 3D Security IP rating 24/7 operation 360° operation Remote control Speaker count Watts per speaker Networking LAN - control	1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X Yes Yes Backlit ProAV remote 2 10W
General Noise level (typical) Noise level (max) 3D Security IP rating 24/7 operation 360° operation 360° operation Remote control Speaker count Watts per speaker Networking LAN - control LAN - wireless networking	1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X Yes Backlit ProAV remote 2 10W Yes
General Noise level (typical) Noise level (max) 3D Security IP rating 24/7 operation 360° operation 360° operation Remote control Speaker count Watts per speaker Networking LAN - control LAN - wireless networking LAN	1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X Yes Yes Backlit ProAV remote 2 10W Yes No
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General Noise level (typical) Noise level (max) 3D Security IP rating 24/7 operation 360° operation Remote control Speaker count Watts per speaker Networking LAN - control LAN - wireless networking LAN Power Power supply	1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X Yes Backlit ProAV remote 2 10W Yes No Yes AC 90 – 264V 50/60 Hz with PFC input
General Noise level (typical) Noise level (max) 3D Security IP rating 24/7 operation 360° operation Remote control Speaker count Watts per speaker Networking LAN - control LAN - wireless networking LAN - Diverse networking LAN - Diverse networking Cover Power supply Power consumption (standby)	1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X Yes Backlit ProAV remote 2 10W Yes No Yes AC 90 – 264V 50/60 Hz with PFC input 0.5W
General Noise level (typical) Noise level (typical) Noise level (max) 3D Security IP rating 24/7 operation 360° operation Remote control Speaker count Watts per speaker Networking LAN - control LAN - wireless networking LAN Power Power supply Power consumption (standby) Power consumption (min)	1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X Yes Yes Backlit ProAV remote 2 10W Yes No Yes AC 90 – 264V 50/60 Hz with PFC input 0.5W 265W
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General Noise level (typical) Noise level (typical) Noise level (max) 3D Security IP rating 24/7 operation 360° operation Remote control Speaker count Watts per speaker Networking LAN - control LAN - wireless networking LAN - Power Power supply Power consumption (standby) Power consumption (max)	1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X Yes Backlit ProAV remote 2 10W Yes No Yes AC 90 – 264V 50/60 Hz with PFC input 0.5W 265W 520W







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