XEED 4K600Z

BRIGHT, COMPACT, 4K LASER PHOSPHOR LCOS PROJECTOR FOR SUPERIOR IMAGING.

Premium quality, higher-than-native-4K LCOS laser projector, for use in simulation, design, CAD, education, creative installations and digital signage.





- Delivers the clear, native 4K display and bright 6,000-lumen light source that professional applications demand
- Laser technology enables round-the-clock operation for digital signage and installation uses
- Reliable and with low running costs, plus light source longevity of 40,000 hours in ultra-long-life mode
- Accurate, natural colour reproduction supporting HDR and meeting the sRGB colour standard, delivering the ultimate viewing experience
- Easy to set up and adjust with motorised lens shift of +/- 60% vertical and +/-10% horizontal
- Comprehensive range of display options, including domed projection and adjustable light output
- Programmable to automatically swap between different use cases over the course of a day or week
- Ideal for high-end simulation environments, offering fast response times (1.0 frame delay) plus motion blur reduction and low TV distortion, for crisp, clear video reproduction

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TECHNICAL SPECIFICATIONS

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PANEL	
Type	4K-LCOS reflective display, Active Matrix
Size and Number	0.76" diagonal, 3 panels
Aspect Ratio	approx.17:10 (128:75)
Native Resolution	4096 x 2400 (4K), 9830400 pixels
Light Source	
Type	Blue Laser Diode and Yellow Phosphor
Light source life	20,000 hr / 40,000 hr (ultra-long life mode)
OPTICS	
Lens F Number and Focal Length	F2.4 - F2.75; f=22.7 – 39.8mm
Zoom Magnification and Control	1.76x motorised
Focus Control	Motorised
Lens Shift (ratio)	Vertical: +/-60%, motorised (-1:11 ~ 11:-1) Horizontal: +/-10%, motorised 4:6 (4:6 ~ 6:4)
IMAGE AND AUDIO	
Brightness	Normal: 6000 lumens / Quiet 1: 4560 lumens / Quiet 2: 2400 lumens - adjust from 20%-100% ***
Colour Brightness	Normal: 6000 lumens / Quiet 1: 4560 lumens / Quiet 2: 2400 lumens - adjust from 20%-100% ***
Brightness Uniformity	80%
Contrast Ratio	4,000:1 Iris set to Close3 (All white : all black, Native), 10,000:1 (Dynamic)
Projection Distance Coverage	1.2m – 30.9m (2.9m - 5.2m for 100" image)
Screen Size	40" - 600" (88 x 51cm - 1315 x 770cm)
Throw Ratio (70" image)	1.3 - 2.3:1
Digital Zoom Magnification	N/a
Keystone Correction Range	Vertical: +/-20°
	Horizontal: +/-20°
DVI (Single) Compatibility	640x480, 800x600, 1280x720, 1024x768, 1366x768, 1440x900, 1280x1024, 1920x1080, 2048x1080, 2560x1080, 1920x1200, 2048x1200, 2560x1440, 3840x2160 (24-30Hz), 4096x2160 (24-30Hz EDID not supported)
DVI 1x2	2560x1080, 2560x1440, 2560x1600, 3840x2160 (24-30Hz), 4096x2160 (24-30Hz)
DVI 2x2	3840x2160, 4096x2160, 4096x2304*, 3200x2400*, 3840x2400*, 4096x2400*
DVI 1x4	3840x2160, 4096x2160, 4096x2304*, 3840x2400*, 4096x2400*
HDMI (single)**	640x480, 720x480, 720x576, 800x600, 1280x720, 1024x768, 1366x768, 1440x900, 1280x1024, 1920x1080, 2048x1080, 2560x1080, 1920x1200, 2048x1200, 2560x1440, 2560x1600, 3840x2160, 4096x2160
HDMI 1x2	1280x480, 1440x480, 1440x576, 2560x720, 3840x1080, 2560x1600, 3840x2160, 4096x2160, 3200x2400*, 3840x2400* (EDID not supported)
Built-in Speaker	5.0W RMS, Monaural

PORTS AND CONNECTORS	
Digital RGB Input	DVI-D 25-pin x 4
Digital Video and Audio Input	HDMI**(HDCP2.2) x 2
Audio Input	3.5mm stereo mini-jack
Audio Output	3.5mm stereo mini-jack
USB Port (Firmware only)	USB Type A
Service Port / Projector Control	Mini D-Sub 9-pin, RS232C
Network Port	RJ-45 (1000BASE-T / 100BASE-TX / 10BASE-T)
Wi-Fi transmission standard ****	IEEE 802.11b / g / n
Wi-Fi transmission distance	Up to 25m (no electric wave interference / clear view to access point)
Wi-Fi encryption	Open / WEP / WPA-PSK TKIP / WPA-PSK AES / WPA2-PSK TKIP / WPA2-PSK AES
Wi-Fi Connection Modes	Infrastructure mode PjAP (Projector Accss Point) mode
Wi-Fi certification and WPS	Acquired. Push Button Method (PBC) & PIN code method (PIN)
Wired Remote Control	3.5mm stereo mini-jack
MECHANISMS	
Elevation Mechanism	Four rotary feet, extension length 15mm
RATINGS	
Dimensions (W x H x D)	559mm x 201mm x 624mm
Weight	26kg
Power Source	100V - 240V AC, 50/60Hz
Power Consumption	Normal Mode: 665W / Eco Mode: 470W
Power Consumption stand-by	Network ON: 0.8W; Low power/network OFF: 0.4W
Heat Dissipation	2268 BTU/h
Noise Level	Normal Mode: 37dB / Quiet 1: 32dB / Quiet 2: 29dB
Operating Environment	0°C to +45°C (RH: 20-85%)
Storage Environment	-20°C to +60°C

Footnotes

* when 'Panel drive mode' is set to 4096x2400

** 4K60P, HDR, BT2020, DeepColour

*** In circumstances where the ambient temperature is high, the lumen output may drop to protect the device from any damage.

**** A non wi-fi version is available in the XEED 4K601Z.

Disclaimer

All data is based on Canon standard testing methods except where indicated
Subject to change without notice.
Class 1 Laser Products

Complies with IEC60825-1: 2014

Strong light is radiated from the product; do not stare at the light source when in operation

Canon

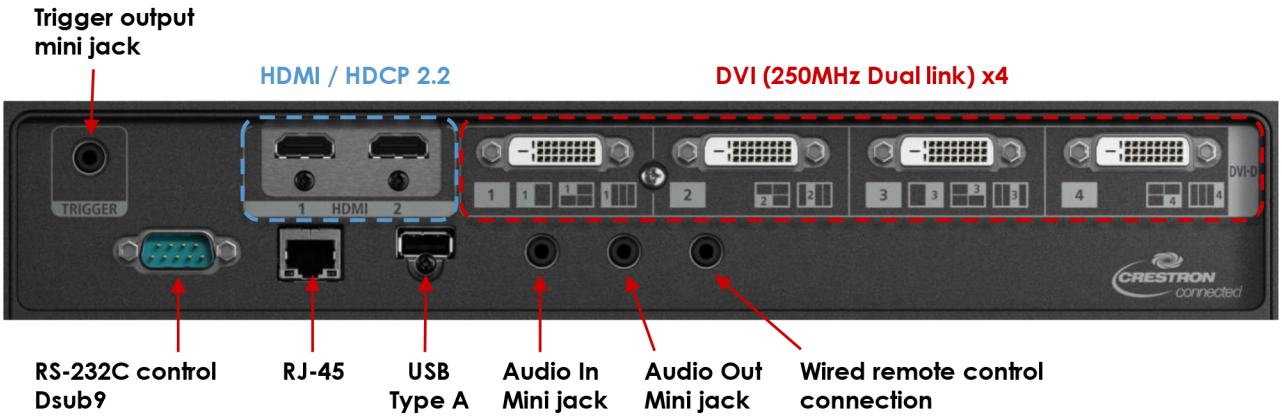
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CONNECTIVITY



THROW DISTANCES

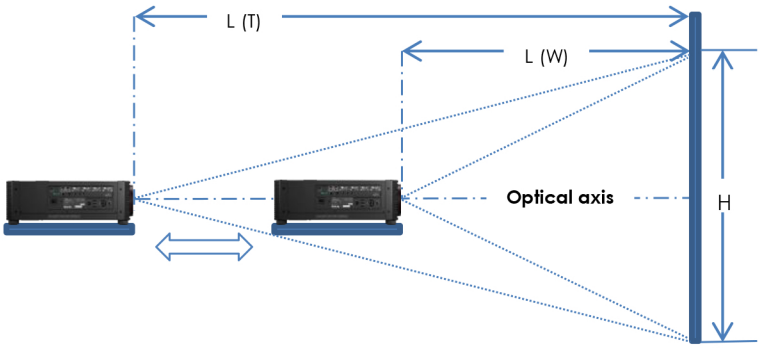


Image size (4096 x 2400)			Projection Distance meters	
Inch	Width (m)	Height (m)	Wide	Tele
40	88	51	1.2	2.1
60	131	77	1.8	3.1
80	175	103	2.3	4.1
100	219	128	2.9	5.2
120	263	154	3.5	6.2
140	307	180	4.1	7.2
160	351	205	4.7	8.2
180	394	231	5.3	9.3
200	438	257	5.9	10.3
250	548	321	7.3	12.9
300	657	385	8.8	15.5
350	767	449	10.3	18.0
400	877	514	11.7	20.6
500	1096	642	14.6	25.8
600	1315	770	17.6	30.9

The distances above have been rounded off so are approximate values