

XEED BRIGHTER THINKING

Projection Solutions
XEED SX800

you can



Canon





Make an Impact.

For professionals who understand the importance of visual impact, a XEED projector is the natural choice. Canon's combination of award-winning optics and LCOS technology delivers outstanding images – and with most models projecting at SXGA+ resolution or higher, presentations can be supercharged with High Definition content.

XEED SX800



Designed for Versatility.

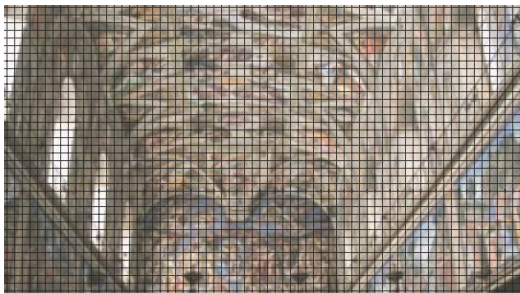
The high resolution and precision optics of the XEED range allow for a broad range of applications – including technical or medical uses where ultra-fine detail is essential. For designers, printers and other graphics professionals, selected models support the Adobe RGB colour space.



Quiet and Compact.

Thanks to the light path efficiency of AISYS, XEED projectors deliver heavyweight performance from a compact, lightweight form. Complemented by whisper-quiet operation with minimal fan noise, XEED helps keep the audience focused on your presentation.

The XEED Formula.



LCD technology



XEED LCOS technology

THE LCOS ADVANTAGE

To overcome the unsightly 'lattice' and 'rainbow' effects, the XEED range uses superior LCOS panels. These combine the best of LCD and DLP projection technologies, to produce smooth, flawless images with faithful colour reproduction and exceptionally fast response, making them ideal for both still and moving images.



Projection Lens



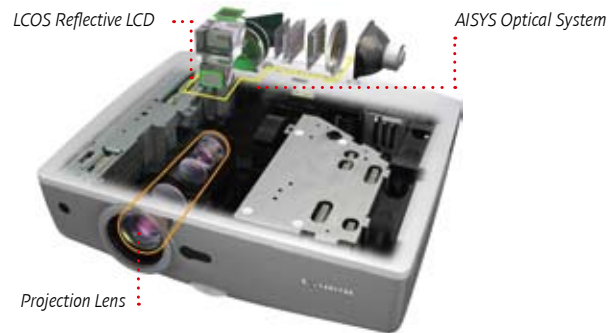
Dual-sided aspherical lens

Total Optical Excellence.

BRILLIANT AISYS IMAGING

Canon AISYS (Aspectual Illumination System) features a compact optical array, capable of highly efficient light control. This works with LCOS technology to deliver a previously impossible combination: simultaneous high brightness and high contrast from a compact projector. With brightness levels of up to 4000 lumens and contrast ratios of up to 1000:1, every XEED delivers vivid images with striking colours and deep, pure blacks.

Inside the XEED Projector



AISYS (Aspectual Illumination System)



GENUINE CANON OPTICS

The XEED SX800 all feature a 1.5x zoom lens, which virtually eliminates image distortion by using a special double-sided aspherical element.

Also included is 10:0 image offset, which matches the lower edge of the projected image to the optical axis of the lens – making installation straightforward, and reducing the need for Keystone Correction. Other XEED models offer an increased range of throw distances for a given image size, via a 1.7x powered zoom lens.



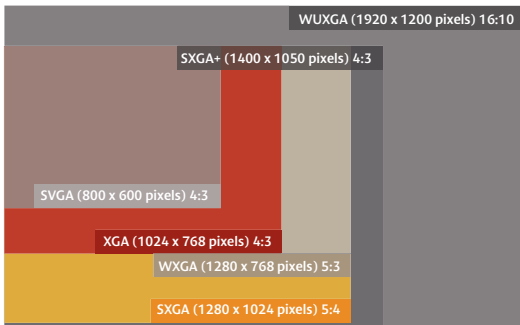
Future Proof.

From television to computing, High Definition is changing the face of visual content. That's why most XEED projectors offer native SXGA+ resolution (1400 x 1050 pixels)*. These models are HD Ready and give top quality results with HD sources – ensuring that you won't be left behind in the future.

**All models operate at SXGA+ resolution, except XEED WUX10 Mark II (WUXGA) and XEED X700 (XGA).*

COMPARATIVE RESOLUTION CHART

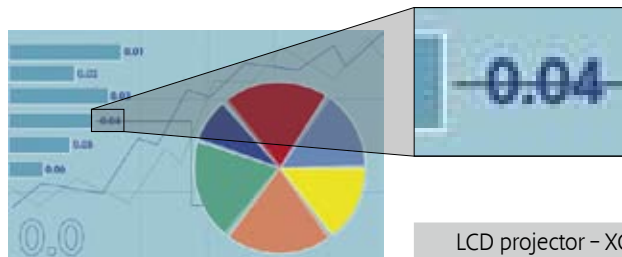
Projector Resolution	Professional Image Quality	PC Compatibility							Video Compatibility	
		XGA 1024 x 768	WXGA 1280 x 800	SXGA 1280 x 1024	WXGA+ 1440 x 900	WSXGA+ 1680 x 1050	WUXGA 1920 x 1200	HD Ready (720p)	Full HD (1080p)	
XGA	1024 x 768	x	✓	x	x	x	x	x	x	x
720p	1280 x 720	x	x	x	x	x	x	x	✓	x
WXGA	1280 x 800	x	✓	✓	x	x	x	x	✓	x
SXGA+	1400 x 1050	✓	✓	✓	x	x	x	x	✓	x
1080p	1920 x 1080	✓ ✓	✓	✓	✓	✓	✓	x	✓	✓
WUXGA	1920 x 1200	✓ ✓	✓	✓	✓	✓	✓	✓	✓	✓



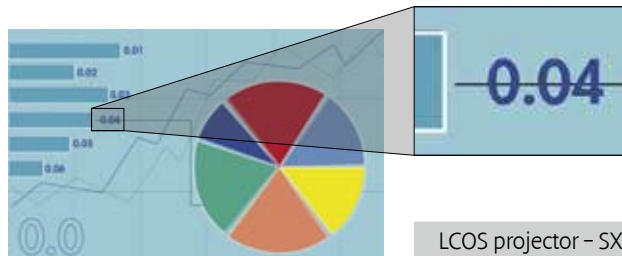
HIGH RESOLUTION, HIGH QUALITY

Because quality presentations call for quality detail, XEED reproduces high resolution content with extra precision. Fine lines are rendered with pin-sharp accuracy, text remains legible at smaller font sizes, and multiple windows can be displayed without loss of image clarity.

RESOLUTIONS COMPARED



LCD projector – XGA resolution



LCOS projector – SXGA+ resolution

COMPATIBLE WITH MORE

Whatever the source, the XEED high resolution range of projectors ensures exceptional image quality.

PC – As native resolution on computer monitors continues to expand – with many new desktops and laptops offering SXGA+ resolution or above – the XEED range ensures that the audience sees exactly what's on your screen.

VIDEO – Display High Definition video as it should be seen. SXGA+ resolution allows most XEED models to reproduce 720p images without compression. And for stunning Full HD (1080p) image display, the XEED WUX10 Mark II features native WUXGA resolution (1920 x 1200 pixels).

XEED SX800



TARGET MARKETS

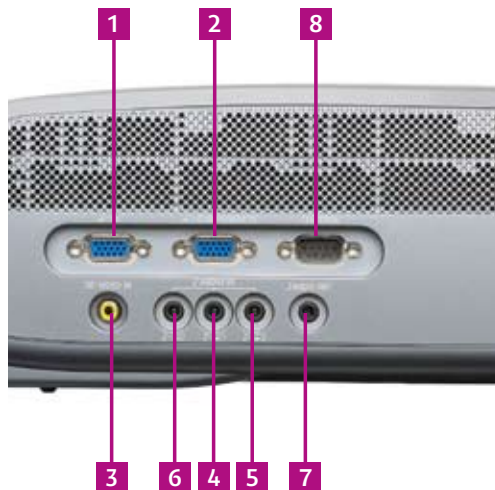
Business & Education:

Hotels - Conference Facilities, General Business Use, (Meetings, Presentations), Higher Education, Medical Imaging

The affordable way to SXGA+ quality.

With Canon LCOS technology and a bright 3000 lumens output, the XEED SX800 offers top-quality SXGA+ imaging at a price point more often associated with XGA models. The addition of Canon's 1.5x zoom lens ensures flexible placement and perfect image geometry.

- Native SXGA+ resolution with Canon LCOS panel technology for outstanding image quality
- Canon AISYS Optical System delivers 3000 lumens brightness
- 900:1 contrast ratio for vivid colours and deep blacks
- Canon 1.5x powered zoom lens with 10:0 lens shift for easy installation
- Automatic Setup: Auto Keystone Correction and Auto Input Selection
- Near-silent operation: just 31 dBA in Quiet Mode
- Body and ceiling bracket designed for easy installation and maintenance



VIDEO INPUT AND OUTPUT

- 1. Mini D-sub 15-pin**
Analogue RGB Input 1
(Component via optional adaptor cable)
- 2. Mini D-sub 15-pin**
Analogue RGB Input 2
- 3. RCA x 1**
Composite Video Input

AUDIO INPUT AND OUTPUT

- 4. 3.5mm mini-jack**
Stereo Audio Input 1
- 5. 3.5mm mini-jack**
Stereo Audio Input 2
- 6. 3.5mm mini-jack**
Stereo Audio Input 3
- 7. 3.5mm mini-jack**
Stereo Audio Output
(Variable level)

PROJECTOR CONTROL

- 8. Mini D-Sub 9-pin**
Control Port (RS-232C)

IN BOX ACCESSORIES

- Remote Control (with batteries)
- AC Mains Power Cable
- Computer Connection Cable
- Component Video Adaptor Cable
- Carrying Case
- Warranty Card
- Instruction Book
- Quick Operation Guide

OPTIONAL ACCESSORIES

- Lamp Assembly RS-LP05
- Ceiling Attachment RS-CL10
- Ceiling Pipe 400 - 600mm RS-CL08
- Ceiling Pipe 600 - 1000mm RS-CL09

Specifications	XEED WUX10 Mark II	XEED SX7	XEED SX6	XEED SX80 Mark II	XEED SX800	XEED X700	
Product Class	Ultra-Portable						
LCD PANEL							
Type	LCOS Reflective Display, TFT Active Matrix						
Size and Number	0.7" diagonal (15.4mm x 9.6mm), 3 panels	0.7" diagonal (15mm x 11mm), 3 panels		0.55" diagonal (11.2mm x 8.4mm), 3 panels		0.7" diagonal (15mm x 11mm), 3 panels	
Aspect Ratio	16:10		4:3				
Native Resolution	1920 x 1200 (WUXGA), 2,304,000 pixels	1400 x 1050 (SXGA+), 1,470,000 pixels				1024 x 768 (XGA), 786,432 pixels	
OPTICS							
Lamp Type	275W NSHA		270W NSH	230W NSHA		275W NSHA	
Lens F Number and Focal Length	F1.85 - F2.65; f=21.8 - 31.9mm	F1.85 - F2.5; f=21.7 - 35.8mm		F1.95 - F2.6; f=16.6 - 24.8mm		F1.85 - F2.5; f=21.7 - 35.8mm	
Zoom Magnification and Control	1.5x Motorised	1.7x Motorised		1.5x Motorised		1.7x Motorised	
Focus Control	Motorised Auto Focus			Motorised Auto / Manual Focus	Motorised Manual Focus	Motorised Auto Focus	
Lens Shift	10:0, fixed	9:1, fixed		10:0, fixed		9:1, fixed	
IMAGE AND AUDIO							
Brightness	3200 lumens	4000 lumens	3500 lumens	3000 lumens		4000 lumens	
Brightness Uniformity	88%						
Contrast Ratio	1000:1 (full on / full off)			900:1 (full on / full off)		1000:1 (full on / full off)	
Projection Distance Coverage	1.2m - 9.1m (3.0 - 4.4m for 100" image)	1.2m - 9.0m (3.0m - 4.9m for 100" image)		1.2m - 9.1m (3.0 - 4.4m for 100" image)		1.2m - 9.0m (3.0m - 4.9m for 100" image)	
Screen Size	40" - 300" (81 x 61cm - 610 x 457cm)						
Digital Zoom Magnification	1x - 12x						
Keystone Correction Range	Vertical: +/- 20° (Auto / Manual), Horizontal: None	Vertical: +/- 20° (Auto / Manual), Horizontal: +/- 20° (Manual)		Vertical: +/- 20° (Auto / Manual), Horizontal: None		Vertical: +/- 20° (Auto / Manual), Horizontal: +/- 20° (Manual)	
Digital RGB Compatibility	WUXGA / UXGA / WSXGA+ / SXGA+ / WXGA+ / SXGA / XGA / SVGA / VGA	SXGA+ / SXGA / WXGA / XGA / SVGA / VGA			—	XGA / SVGA / VGA	
Analogue RGB Compatibility	WUXGA / UXGA / SXGA+ / WXGA+ / SXGA / WXGA / XGA / SVGA / VGA	UXGA / SXGA+ / SXGA / WXGA / XGA / SVGA / VGA					
Component Video Scan Systems	1080p / 1080i / 1035i / 720p / 576p / 576i / 480p / 480i	1080i / 1035i / 720p / 575p / 575i / 480p / 480i		1080p / 1080i / 1035i / 720p / 576p / 576i / 480p / 480i		1080i / 1035i / 720p / 575p / 575i / 480p / 480i	
Video / S-Video Colour Systems	PAL / PAL-M / PAL-N / NTSC / NTSC4.43 / SECAM						
Scanning Frequency	Horizontal: 15-75kHz, Vertical: 50-85Hz, Clock: 170 MHz	Horizontal: 15-100kHz, Vertical: 50-100Hz, Clock: 170MHz		Horizontal: 15-75kHz, Vertical: 50-85Hz, Clock: 170MHz		Horizontal: 15-100kHz, Vertical: 50-100Hz, Clock: 170MHz	
Image Modes	Standard, Presentation, Movie, sRGB, Photo	Standard, Presentation, Movie & Photo, Adobe RGB, sRGB	Standard, Presentation, Movie & Photo, Adobe RGB, sRGB	Standard, Presentation, Movie, sRGB, Photo	Standard, Presentation, Movie, sRGB		
Image Enhancement	12-bit Digital Gamma Correction, 6-axis Colour Adjust				12-bit Digital Gamma Correction	12-bit Digital Gamma Correction, 6-axis Colour Adjust	
Built-In Audio	1.0W RMS, Monaural						
CONNECTORS							
Digital RGB / Analogue RGB Input 1	DVI-I 29-pin (HDCP compatible)			Mini-D-Sub 15-pin (Analogue only)		DVI-I 29-pin (HDCP compatible)	
Digital Video / Digital Audio Input	HDMI Version 1.3 (with Deep Colour)	—	—	HDMI Version 1.3 (with Deep Colour)	—	—	
Analogue RGB Input 2	Mini D-Sub 15-pin						
Analogue RGB Output	Mini D-Sub 15-pin			—		Mini D-Sub 15-pin	
Component Video Input	Via 3x RCA adaptor cable (supplied)						
S-Video Input	—	Mini-DIN 4-pin			—	Mini-DIN 4-pin	
Composite Video Input	RCA x 1						
Audio Input 1	3.5mm stereo mini-jack						
Audio Input 2	3.5mm stereo mini-jack		—	3.5mm stereo mini-jack			
Audio Input 3	3.5mm stereo mini-jack		—	3.5mm stereo mini-jack			
Audio Output	3.5mm stereo mini-jack (variable level)		—	3.5mm stereo mini-jack (variable level)			
Mouse Control	—	USB Type B		USB Type A (PictBridge enabled)	—	USB Type B	
Service Port / Projector Control	Mini D-Sub 9-pin	Mini-DIN 8-pin		Mini D-Sub 9-pin		Mini-DIN 8-pin	
Network Port	RJ-45	Via optional network adaptor			RJ-45	—	
MECHANISMS							
Front Elevation Mechanism	One-Touch mechanical foot, 10° maximum image elevation						
Rear Adjustment Mechanism	Two rotary feet for fine adjustment						
RATINGS							
Dimensions (W x H x D)	284 x 114 x 336mm	266 x 114 x 336mm		332 x 121 x 340mm		266 x 114 x 336mm	
Weight	5.0kg	4.8kg	4.7kg	5.2kg	5.0kg	4.8kg	
Rated Supply Voltage	100V - 240V AC, 50/60Hz						
Power Consumption	Normal Mode: 400W / Quiet Mode: 330W / Standby: 11W	Normal Mode: 360W / Quiet Mode: 290W / Standby: 7W	Normal Mode: 355W / Quiet Mode: 290W / Standby: 7W	Normal Mode: 330W / Quiet Mode: 270W / Standby: 15W	Normal Mode: 320W / Quiet Mode: 260W / Standby: 8W	Normal Mode: 360W / Quiet Mode: 290W / Standby: 7W	
Noise Level	Normal Mode: 36dBa / Quiet Mode: 32dBa	Normal Mode: 35dBa / Quiet Mode: 31dBa					
Operating Environment	+5°C to +35°C						
Storage Environment	-30°C to +60°C						
Warranty	3 years						

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