

XEED

COMPACT INSTALL MULTIMEDIA PROJECTOR

Canon

Delighting You Always

INNOVATIVE PROJECTION, COMPACT INSTALLATION.

XEED WX450ST

MULTIMEDIA PROJECTOR

SHORT THROW LENS
SHIFT MODELS



OTHER AVAILABLE MODELS:

XEED WX520

MULTIMEDIA PROJECTOR

XEED WUX450

MULTIMEDIA PROJECTOR

XEED WUX400ST

MULTIMEDIA PROJECTOR

F/2.8

Constant
F Number



Energy-saving
& Outstanding
Durability



Built-in Wide
Range Lens Shift
Function



Multiple
Projection
Solutions



Electrically-driven
Zoom Function



XEED WUX450, XEED WX520, XEED WUX400ST & XEED WX450ST LCOS Compact Install

The new generation of XEED projectors creates a paradigm shift in projection. Compact yet powerful, they deliver ground breaking innovation in both technology and design. The result? Outstanding ease of installation, usability, and maintenance. The highest brightness, resolution and image quality for both short-throw and rear projection. Advanced adjustment functions. Interconnectivity capabilities.

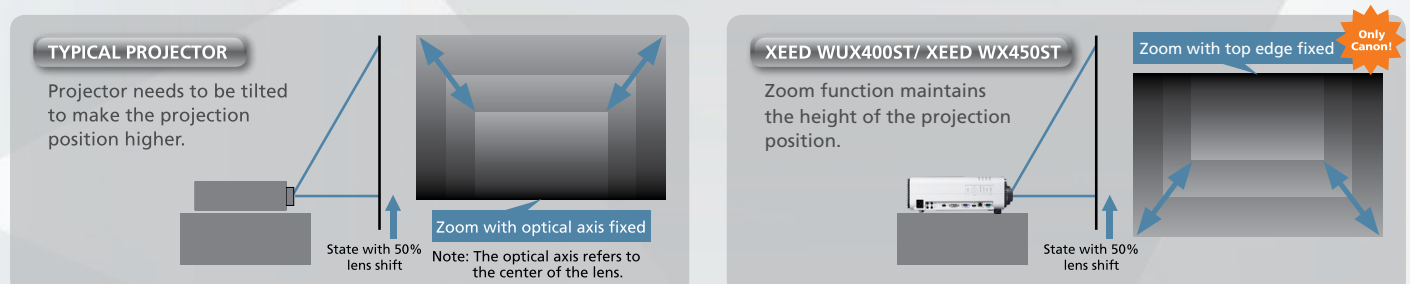
Take your vision to higher levels with an inspiring projection revolution.

F/2.8 Constant F Number for Constant Brightness

Designed at a constant f2.8 value, Canon's first integrated projection lens delivers approximately the same high level of brightness across a broad range of wide to telephoto zoom settings – up to 4500lm for XEED WUX450 and 5200lm for XEED WX520. With this deeper depth of field value, projected images stay sharp on either flat or uneven screens.

Electrically-driven Zoom Function

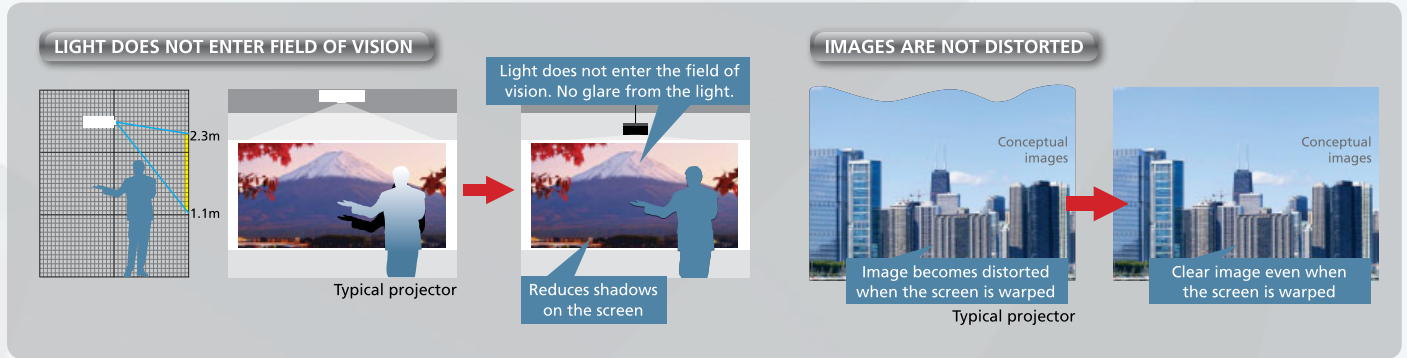
While typical projectors need to be tilted to raise the projection position when zooming in or out, the XEED WUX400ST and XEED WX450ST feature an electrically-driven zoom that maintains the screen's top edge position. This keeps the projection screen from becoming trapezoidal, avoids the use of keystone correction, and prevents reduction in image quality.





Built-in Wide Range Lens Shift Function

The XEED WUX400ST and XEED WX450ST open a world of possibilities for new usage with its short throw capability that can project a 100" image from just 1.23 meters – 1/3 the throw distance of conventional projectors. Better yet, its built-in lens shift function can tilt images up to 77% upwards, and $\pm 10\%$ left or right. This allows for diverse installation scenarios, which is highly convenient where space is premium or installation is difficult.



XEED WUX450

PROJECTION DISTANCE				
Image Size (16:10)			Projection Distance (m)	
Type	Width (m)	Height (m)	L(Wide) (m)	L(Tele) (m)
40	0.86	0.54	1.2	2.2
60	1.29	0.81	1.8	3.2
80	1.72	1.08	2.4	4.3
100	2.15	1.35	3.0	5.4
120	2.58	1.62	3.6	6.5
150	3.23	2.02	4.5	8.1
200	4.31	2.69	6.0	10.8
300	6.46	4.04	9.0	16.2

XEED WUX400ST

PROJECTION DISTANCE			
Image Size (16:10)			Projection Distance (m)
Type	Width (m)	Height (m)	Fixed (m)
40	0.86	0.54	0.47
60	1.29	0.81	0.72
80	1.72	1.08	0.96
100	2.15	1.35	1.20
120	2.58	1.62	1.45
150	3.23	2.02	1.81
200	4.31	2.69	2.42
300	6.46	4.04	3.64

XEED WX520

PROJECTION DISTANCE				
Image Size (16:10)			Projection Distance (m)	
Type	Width (m)	Height (m)	L(Wide) (m)	L(Tele) (m)
40	0.86	0.54	1.2	2.2
60	1.29	0.81	1.8	3.3
80	1.72	1.08	2.5	4.4
100	2.15	1.35	3.1	5.5
120	2.58	1.62	3.7	6.7
150	3.23	2.02	4.6	8.3
200	4.31	2.69	6.2	11.1
300	6.46	4.04	9.2	16.6

XEED WX450ST

PROJECTION DISTANCE			
Image Size (16:10)			Projection Distance (m)
Type	Width (m)	Height (m)	Fixed (m)
40	0.86	0.54	0.49
60	1.29	0.81	0.74
80	1.72	1.08	0.98
100	2.15	1.35	1.23
120	2.58	1.62	1.48
150	3.23	2.02	1.86
200	4.31	2.69	2.48
300	6.46	4.04	3.73

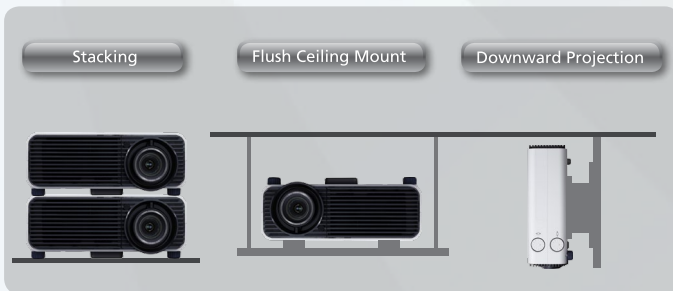
MODEL	XEED WUX450	XEED WX520
Lens Shift Ratio	(V) 0:0 ~ 11:-1 (H) 4:6 ~ 6:4	(V) 0:0 ~ 11.2:-1.2 (H) 4:6 ~ 6:4
Amount of Lens Shift	(V) 0% ~ 60% (H) -10% ~ 10%	(V) 0% ~ 62% (H) -10% ~ 10%

MODEL	XEED WUX400ST	XEED WX450ST
Lens Shift Ratio	(V) 5:5 ~ 12.5:-2.5 (H) 4:6 ~ 6:4	(V) 5:5 ~ 12.7:-2.7 (H) 4:6 ~ 6:4
Amount of Lens Shift	(V) 0% ~ 75% (H) -10% ~ 10%	(V) 0% ~ 77% (H) -10% ~ 10%

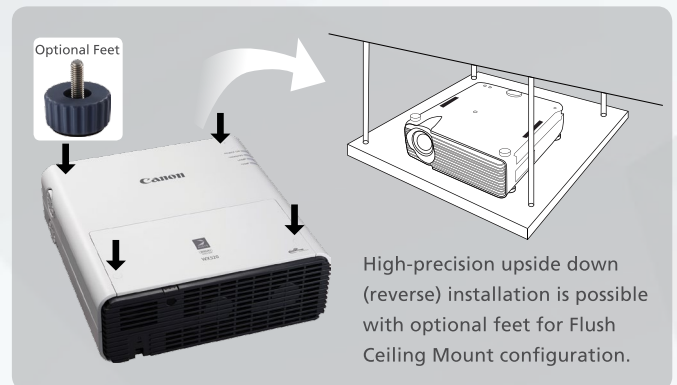


Exceptional Design, Installability & Ease of Maintenance

Weighing only 5.9kg, the XEED WUX450 and XEED WX520 are at the top of the class in terms of size and weight, while the XEED WUX400ST and XEED WX450ST are at a comparative 6.1kg. Their elegant, flat design and new heat exhaustion system make a wide range of installation configurations possible. The lamp and filter can also be replaced easily even if the projector is mounted on the ceiling.



- Desktop Installation
- Stacking
- Upward Projection
- Ceiling Installation
- Flush Ceiling Mount
- Downward Projection



Multiple Projection Solutions

• PC-less Projection

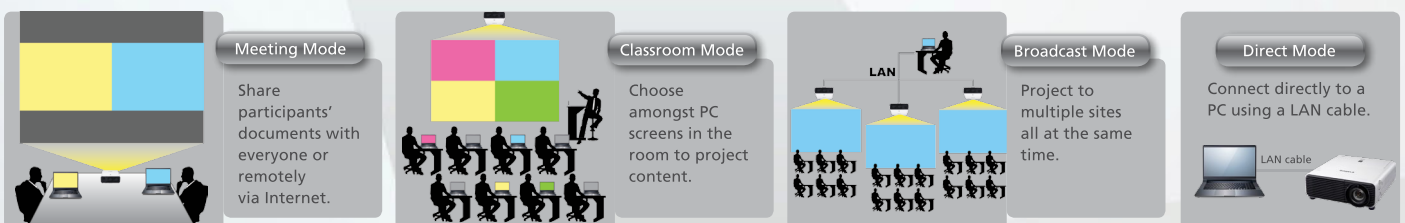
Use a simple USB thumb drive to explore more usage opportunities such as business applications, events and even digital signage.

• Network Multi Projection (NMPJ)

Project multiple screens via multiple sources (multiple projectors and multiple computers) through a network – a highly useful function for meetings, lectures and broadcasting.

• Crestron RoomView®

Take control, turn ON/OFF up to 250 projectors from a single remote location using Crestron RoomView®.



Low Power Consumption & Outstanding Durability

These highly energy-efficient XEED projectors consumes as low as 0.068W/lm and up to 0.090W/lm only. Gain more savings as the air filter lasts up to 12,000 hours while the lamp's service life can reach 5,000 hours. Because the service life for replacement parts is greatly extended, maintenance cost will be lesser.

Exclusive Features

• Expand Your Vision with Picture by Picture

Projecting two high-quality images from two digital sources at the same time is possible as these projectors support simultaneous input from DVI (PC) and HDMI (AV equipment).



• Support for DICOM SIM Mode

Projection capabilities go even further as DICOM (Digital Imaging and Communications in Medicine)* in 2 modes (Blue and Clear base) is supported. Likewise, the color tones can be adjusted according to preferences.

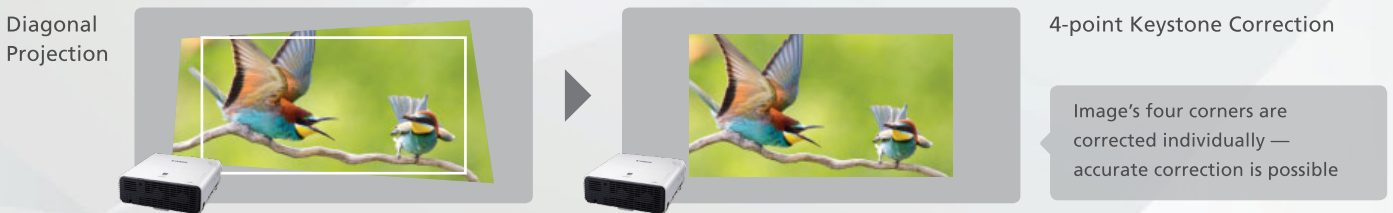
Please contact Canon Service Center to enable DICOM SIM mode on your projector.

*Does not support medical diagnosis.



• Better Images with 4-Point Keystone Correction

Enabled by the newly developed imaging engine, image distortion and moiré can now be easily rectified by employing a 4-point keystone correction function.



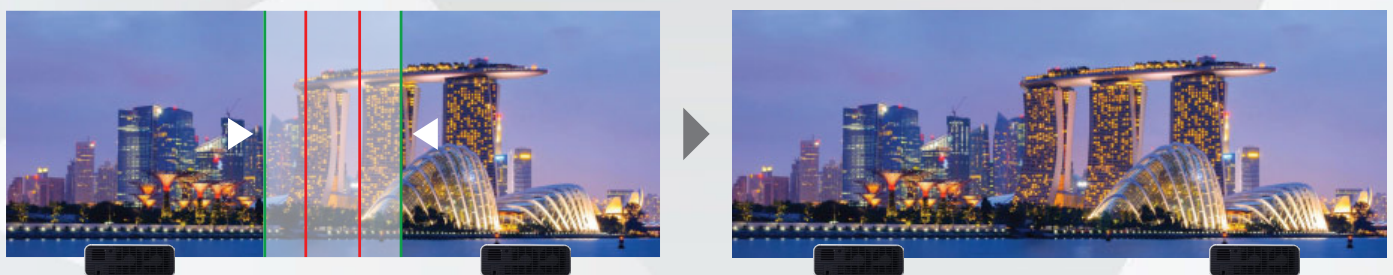
Professional Settings

• Registration Adjustment

Using a remote control, three RGB panels can be perfectly aligned while eliminating blurred images that results from overlapping in multiscreen projection.

• Edge Blending

Two images can be joined together while brightness for the overlapped portion is smoothly and automatically adjusted. As a result, tone expression of each image blends in seamlessly.



• Fan Mode & Vertical Projection Settings

When used in altitudes less than 2300m or High Altitude, the cooling fan can be set to Normal. One can also choose between OFF (fan operation not changed), Upward or Downward settings in vertical orientation.

Model Name	XEED WUX450	XEED WX520	XEED WUX400ST	XEED WX450ST
Display System	RGB liquid crystal system			
Optical System	Dichroic Mirror and PBS Color Separation-combination System			
Display Device	Reflective LCD panel (LCOS) x 3			
	Type / Number	0.71 Type / 16:10	0.70 Type / 16:10	0.71 Type / 16:10
Driving System	Active Matrix System			
Number Dots / Total Number Dots	2,304,000 (1920x1200) x 3 panels / 6,912,000	1,296,000 (1440x900) x 3 panels / 3,888,000	2,304,000 (1920x1200) x 3 panels / 6,912,000	1,296,000 (1440x900) x 3 panels / 3,888,000
Projection Lens	11 groups 13 elements			
	Lens Configuration		15 groups 19 elements	
	Zoom Ratio / Focal Length / F Value		1.35x / 8.8 mm / F2.7	
	Distance for 100 type		3.0 – 5.4 m	
	Throw Ratio ¹		3.1 – 5.5 m	
Amount of Lens Shift		1.43 – 2.57		
Operation		V: 0% - 60%, H: ±10%		
Operation		V: 0% - 62%, H: ±10%		
Operation		V: 0% - 75%, H: ±10%		
Operation		V: 0% - 77%, H: ±10%		
Operation		Zoom: manual, Focus: manual, Lens shift: manual		
Operation		Focus: manual, Lens shift: manual		
Light Source, Power ²	250-NSHA, 260W / 200 W			
Image Size (Projection Distance)	1.2 – 16.2 m	1.2 – 16.6 m	0.35 – 3.64 m	0.36 – 3.73 m
Brightness ²	4500 / 3460 lm	5200 / 4000 lm	4000 / 3080 lm	4500 / 3460 lm
Contrast Ratio ³	2000:1			
Ratio of Brightness at Periphery to Center	90%		80%	
Image Size (16:10)	40 – 300 Type		30 – 300 Type	
Electronic Zoom (for length)	12x Maximum			
Keystone Correction	V± 20°, H± 20°		V± 12°, H± 12°	
Speaker	5W Monaural			
Maximum Input Resolution	1920 x 1200 dots (WUXGA)	1440 x 900 dots (WXGA+)	1920 x 1200 dots (WUXGA)	1440 x 900 dots (WXGA+)
Image Signals	1080p / 1080i / 720p / 576p / 480p			
	Digital Video Input	WUXGA / UXGA / WSXGA+ / SXGA+ / WXGA+ / FWXGA / WXGA / SXGA / XGA / SVGA / VGA		
	Digital PC Input ⁴	WUXGA / UXGA / WSXGA+ / SXGA+ / WXGA+ / FWXGA / WXGA / SXGA / XGA / SVGA / VGA		
	Analog PC Input ⁴	WUXGA / UXGA / WSXGA+ / SXGA+ / WXGA+ / FWXGA / WXGA / SXGA / XGA / SVGA / VGA		
	Component Video Input	1080p / 1080i / 720p / 576p / 576i / 480p / 480i		
Network Communication	NMPJ Screen Transfer (CANON Original Protocol)			
USB Data Transfer	JPEG Still Image			
Input Terminal	Analog PC / Digital PC Input			
	DVI-I	Digital PC / Digital Video Input (supporting deep color)		
	HDMI	Analog PC / Component Video Input		
	Mini Dsub15	Audio Input x2, Audio Output x1		
	Mini Jack x3	Wired Remote Control Connection		
	Mini Jack x1	RS-232C Connection		
	Dsub9	USB Connection		
	USB Type A	Network Connection (1000BASE-T / 100BASE-TX / 10BASE-T)		
RJ-45				
Noise ²	38 / 32dB			
Operating Temperature	0°C – 40°C			
Power Supply	AC100 – 240V; 50/60Hz			
Power Consumption ²	365W / 295W	355W / 285W	365W / 295W	355W / 285W
Dimensions (W x H x D)	337 x 118 x 362 mm (not including protrusion) 337 x 134 x 370 mm (including protrusion)		337 x 118 x 362 mm (not including protrusion) 337 x 134 x 415 mm (including protrusion)	
Weight	5.9 kg		6.3 kg	

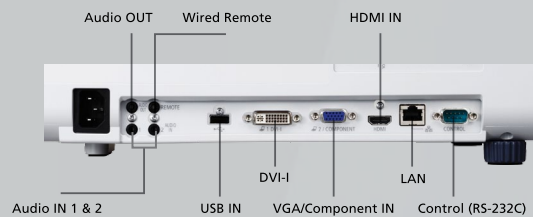
¹ Calculated value for 100" image. ² Lamp mode is Full power/Power saver. Brightness in Power saver mode is only a calculated value, and is not guaranteed as specification. ³ Iris function is High-contrast mode. ⁴ WUXGA supported by only XEED WUX450 and XEED WUX400ST.

Errors and omissions excepted. Images are simulated. Weight and dimensions are approximate. Subject to change without prior notice.

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KIT CONTENTS	Remote Control (RS-RC06) Computer Cable Power Cord
OPTIONAL ACCESSORIES	Ceiling Attachment for XEED WUX450 & XEED WX520 (RS-CL12) Ceiling Attachment for XEED WUX400ST & XEED WX450ST (RS-CL13) Option Foot (RS-FT01) Remote Control (RS-RC05)
REPLACEMENT PARTS	Lamp Assembly (RS-LP08) Replacement Air Filter (RS-FL02)



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