



XEED WX450ST

This unique and innovative compact WXGA+ short throw installation projector has a generous 77% vertical lens shift. With 4500 lumens brightness, it projects superior quality images from around one-third of the throw distance of conventional projectors.

Detailed Features

Take a more detailed look into the Canon XEED WX450ST

Short throw shiftable lens plus outstanding brightness

The unique XEED WX450ST is a superbly bright high-resolution compact installation multimedia projector. Its short throw Canon projection lens features an exceptionally wide range of vertical and horizontal lens shift. With a throw ratio of just 0.571:1, this all-new lens virtually eliminates distortion (typically 0.1%). It can project a 100" image from around one third of the distance of conventional projectors, at just 1.23 metres. Despite its short focal length, the lens projects images from 30" up to a large 300" diagonal in size. With both vertical and horizontal shift - including an exceptionally wide 77% vertical range - the projector can be discreetly located above or below the screen and is suitable for both front and rear projection.

Bright, fast-moving images

The latest AISYS optical system is Canon's most efficient ever, delivering 4500 lumens of brightness and a 2000:1 contrast ratio. So images are clear, bright and vivid - with the same outstandingly accurate colours and smooth image rendition you expect from the XEED range.

Next-generation image processing

Native WXGA+ resolution (1440 x 900 pixels) is supported by LCOS display technology that delivers stunning, perfectly smooth images. Alongside its professional-quality optics, the WX450ST's new image processing engine is packed with installer-friendly features like hardware edge blending, on-board registration adjustment (to ensure perfect RGB panel alignment) and built-in test patterns. The picture-by-picture image display supports twin digital inputs, so it's perfect for modern video-conferencing applications. The 4-Point Keystone Correction function helps project images from almost any angle with perfect geometry, while Motion Blur reduction keeps images sharp during fast-moving video playback.

Designed for flexible installation

The new flat-top chassis includes clever feet mounting options and is ideal for advanced multi-projector installations. Stacking, upward and downward projection are all easy to achieve.

A choice of connectivity

HDMI and DVI-I terminals offer digital input, while firmware is easy to update via the USB port, which also allows projection directly from USB flash drives. Crestron RoomView® enables instant unified remote control and monitoring, while the Network Multi-Projection (NMPJ) function allows easy projection over the LAN.

Long-lasting and energy efficient

The XEED WX450ST's lamp lasts up to 5000 hours when used in ECO mode. A dedicated ECO button instantly engages the low-power lamp mode and other power-saving features for outstandingly energy-efficient operation.

Canon XEED WX450ST

PANEL

Type	LCOS reflective display, TFT Active Matrix
Size and Number	0.70" diagonal, 3 panels
Aspect Ratio	16:10
Native Resolution	1440 x 900 (WXGA+), 1296000 pixels

OPTICS

Lamp Type	250W NSHA
Lens F Number and Focal Length	F2.7; f=8.8mm
Zoom Magnification and Control	1.0x Optical (fixed) / 1.35x Digital
Focus Control	Manual
Lens Shift	Vertical: 0% to +77%, Manual Horizontal: +/-10%, Manual

IMAGE AND AUDIO

Brightness	4500 lumens (3460 lumens in Eco Mode)
Brightness Uniformity	80%
Contrast Ratio	2000:1 (full on / full off)
Projection Distance Coverage	0.36m - 3.73m (1.23m for 100" image)
Screen Size	30" - 300" (65 x 40cm - 646 x 404cm)
Throw Ratio	0.57:1
Digital Zoom Magnification	1x - 12x
Keystone Correction Range	Vertical: +/-12° Horizontal: +/-12°

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Digital RGB Compatibility	UXGA / WSXGA+ / SXGA+ / WXGA+ / FWXGA / WXGA / SXGA / XGA / SVGA / VGA
Analogue RGB Compatibility	UXGA / WSXGA+ / SXGA+ / WXGA+ / FWXGA / WXGA / SXGA / XGA / SVGA / VGA
Digital Video Scan Systems	1080p / 1080i / 720p / 576p / 480p
Component Video Scan Systems	1080p / 1080i / 720p / 576p / 576i / 480p / 480i
Supported File Types	JPEG (via USB image viewer)
Built-in Speaker	5.0W RMS, Monaural

PORTS AND CONNECTORS

Digital RGB Input	DVI-I 29-pin (shared)
Digital Video and Audio Input	HDMI (with Deep Colour)
Analogue RGB Input 1	DVI-I 29-pin (shared)
Analogue RGB Input 2	Mini D-Sub 15-pin (Component via optional adaptor cable)
Audio Input 1	3.5mm stereo mini-jack
Audio Input 2	3.5mm stereo mini-jack
Audio Output	3.5mm stereo mini-jack (variable level)
USB Port	USB Type A

USB DATA TRANSFER

Service Port / Projector Control	Mini D-Sub 9-pin
Network Port	RJ-45 (1000BASE-T / 100BASE-TX / 10BASE-T)
Wired Remote Control	3.5mm stereo mini-jack

MECHANISMS

Front Elevation Mechanism	Two rotary feet, 6° maximum image elevation
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Canon XEED WX450ST

RATINGS

Dimensions (W x H x D)	337mm x 134mm x 415mm (including protrusions)
Weight	6.3kg
Power Source	100V - 240V AC, 50/60Hz
Power Consumption	Normal Mode: 355W / Eco Mode: 285W / Standby: Approx. 0.6W / Standby (LAN off): Approx. 0.2W

Disclaimer

All data is based on Canon standard testing methods except where indicated

Subject to change without notice.