

Specifications for XEED WX450ST

Display system	RGB liquid crystal system	
Optical system	Colour separation by dichroic mirror / polarizing beam splitter and colour composition by prism	
Display device		
Type	Reflective liquid crystal panel	
Size / Aspect ratio	0.70" x 3 / 16:10	
Drive system	Active matrix system	
Number dots / Total Number dots	1,296,000 (1440 x 900) x 3 panels / 3,888,000	
Projection lens		
Zoom ratio	1.0x optical (fixed)	
Focal length	f = 8.8mm	
F value	F2.7	
Zooming	Digital – 1.35x	
Focusing system	Manual	
Lens shift	V:	0% – +77%
	H:	±10%
Light source	250-NSHA	
Image size (projection distance)	Size 30 to 300 (0.4m to 4.04m)	
Number of colours	16,770,000 colours (full colour)	
Brightness	4,500 lumens (during presentation)	
Contrast ratio	2000:1 (Full white: Full black, during presentation)	
Ratio of brightness at periphery to center	80%	
Speaker	5W monaural x 1	
Maximum input resolution	1440 x 900 dots	
Video signals		
Analog PC input	UXGA / WSXGA+ / SXGA+ / WXGA+ / FWXGA / SXGA / WXGA / XGA / SVGA / VGA	
Digital PC input	UXGA / WSXGA+ / SXGA+ / WXGA+ / FWXGA / SXGA /	

	WXGA / XGA / SVGA / VGA
Component input	1080p, 1080i, 720p, 576i, 576p, 480i, 480p
HDMI input	1080p, 1080i, 720p, 576p, 480p
Input terminal	
DVI-I IN terminal	Digital PC (29-pin DVI connector) / Analog PC
HDMI IN terminal	Digital PC / Digital Video HDMI (deep colour)
ANALOG PC / COMPONENT IN terminal	Analog PC, Component (mini D-sub 15-pin)
CONTROL terminal	RS-232C (D-sub 9-pin)
USB terminal	USB Type A
AUDIO IN Terminal	Audio signal (3.5Ø stereo mini jack x 2)
AUDIO OUT Terminal	Audio signal (3.5Ø stereo mini jack)
Wired remote control connection	3.5Ø mini jack x1
LAN terminal	Network connection (RJ-45)
Input signal	
Digital PC	TMDS (Transition Minimized Differential Signaling)
Analog PC	0.7Vp-p, positive polarity, impedance = 75Ω Horizontal / vertical synchronization: TTL level, negative or positive polarity Composite synchronization in G signal: 0.3Vp-p, negative polarity, impedance = 75Ω
Component video	COMPONENT: Separate Y Cb / Pb Cr / Pr signal Y: 1Vp-p, negative synchronization, impedance = 75Ω Cb / Pb: 0.7Vp-p, impedance = 75Ω Cr / Pr: 0.7Vp-p, impedance = 75Ω
Audio	Impedance = 47kΩ or more
Noise (normal mode / silent mode)	38 / 32dB
Operating temperature	0°C - 40°C
Power supply	AC100V - 240V 50 / 60Hz
Power consumption	
Normal mode	355W
Silent mode	285W

Standby	0.6W
Standby with LAN OFF	0.2W
Dimensions (W x D x H)	337 x 362 x 118mm (excluding protrusions)
Weight	6.3kg
Accessories	Remote control, remote control dry-cell batteries, power cord, PC connection cable, user's manual / installation manual, warranty certificate