## SONY

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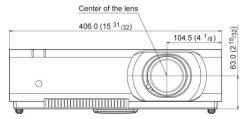
# Basic Installation Projector VPL-CX235

#### **Key Features**

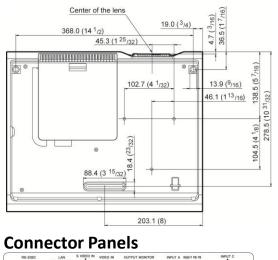
- 4,100 lumens (ISO 21118)
- Native XGA (1,024x768) resolution
- High contrast ratio
- BrightEra<sup>®</sup> panel
- Advanced Crisp Focus Lens
- Energy efficient and power saving features
  - Recommended lamp replacement time 5000h (low mode)
- Auto lamp dimming when the projector is left ON
- ECO MODE key
- Synchronized lamp and filter maintenance cycle
- Installation Adjustment Function
- H/V keystone adjustment
- 4 corners and 4 sides
- Lens shift for fine adjustment
- Flexible 1.5x manual zoom standard lens
- Blend-in design
- Convenient terminals including HDMI, RS-232C and RJ-45 Inpu
- 10W speaker output

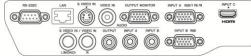
#### **Dimensions (Front)**

Unit: mm (inches)



#### **Dimensions (Bottom)**





#### For more information, visit: www.sony.com/projectors

### XGA / 4,100 lm

Ontical		
Optical 4100 lumens (Lamp mode: High)		
Light Output /		4100 lumens (Lamp mode: High) 3100 lumens (Lamp mode: Standard)
Color Light Outp	out	2200 lumens (Lamp mode: Standard)
LCD Panels		0.63"x3 BrightEra LCD Panel
Panel Display Re	solution	XGA (1024x768 dots)
Contrast Ratio	.301011011	3,100:1 (Full white/full black)* <sup>1</sup>
Light Source		Ultra high-pressure mercury lamp 245 W type
Light Source		
Recommended		3000H (Lamp mode: High) 4000H (Lamp mode: Standard)
Replacement Ti	me*²	5000H (Lamp mode: Low)
Filter Cleaning Cyclo*a		Max. 5000H
Filter Cleaning Cycle*2		Same time as the lamp replacement is recommended
Projection Lens	Zoom / Focus	Approx. 1.5x Manual Zoom / Manual Focus
	Lens Shift	Manual, Vertical +/- 5%
		Horizontal + /- 4%
L	Throw Ratio	1.66:1 to 2.41:1
Screen Size		40" to 300"
Interface		
Computer and Video ; Input/Output	INPUT A	Mini D-sub 15-pin (RGB/Y Pb Pr)
		Audio: Stereo mini jack
	INPUT B	Mini D-sub 15-pin
		Audio: Stereo mini jack
	INPUT C	HDMI (Digital RGB/Y Pb Pr, Digital Audio)
		(HDCP support) RCA
	VIDEO IN	-
		Audio : RCA (x2) (shared with S VIDEO IN) Mini DIN 4-pin
	S VIDEO IN	Audio : RCA (x2) (shared with VIDEO IN)
		Mini D-sub 15-pin
	Monitor OUT	(from INPUT A and INPUT B)
	Audio OUT	Stereo mini jack (variable out)* <sup>3</sup>
Other Signal	RS-232C	D-sub 9-pin
Other Signal Input / Output	RS-232C LAN	D-sub 9-pin RJ-45, 10BASE-T/100BASE-TX
Other Signal Input / Output General		D-sub 9-pin RJ-45, 10BASE-T/100BASE-TX
Input / Output General		RJ-45, 10BASE-T/100BASE-TX
Input / Output General Speaker	LAN	RJ-45, 10BASE-T/100BASE-TX 10Wx1 (monaural)
Input / Output General	LAN	RJ-45, 10BASE-T/100BASE-TX 10Wx1 (monaural) H: 19 to 92 kHz, V: 48 to 92 Hz
Input / Output General Speaker Scanning Freque	LAN ency Computer	RJ-45, 10BASE-T/100BASE-TX 10Wx1 (monaural) H: 19 to 92 kHz, V: 48 to 92 Hz Maximum display resolution :
Input / Output General Speaker Scanning Freque Display	LAN ency Computer Signal Input	RJ-45, 10BASE-T/100BASE-TX 10Wx1 (monaural) H: 19 to 92 kHz, V: 48 to 92 Hz Maximum display resolution : 1600x1200 dots
Input / Output General Speaker Scanning Freque	LAN ency Computer Signal Input Video	RJ-45, 10BASE-T/100BASE-TX 10Wx1 (monaural) H: 19 to 92 kHz, V: 48 to 92 Hz Maximum display resolution : 1600x1200 dots NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p,
Input / Output General Speaker Scanning Freque Display	LAN ency Computer Signal Input	RJ-45, 10BASE-T/100BASE-TX 10Wx1 (monaural) H: 19 to 92 kHz, V: 48 to 92 Hz Maximum display resolution : 1600x1200 dots NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i,
Input / Output General Speaker Scanning Freque Display Resolution	LAN ency Computer Signal Input Video	RJ-45, 10BASE-T/100BASE-TX 10Wx1 (monaural) H: 19 to 92 kHz, V: 48 to 92 Hz Maximum display resolution : 1600x1200 dots NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i
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Input / Output General Speaker Scanning Freque Display Resolution Color System	LAN ency Computer Signal Input Video	RJ-45, 10BASE-T/100BASE-TX 10Wx1 (monaural) H: 19 to 92 kHz, V: 48 to 92 Hz Maximum display resolution : 1600x1200 dots NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60
Input / Output General Speaker Scanning Freque Display Resolution Color System UPC Code	LAN Computer Signal Input Video Signal Input	RJ-45, 10BASE-T/100BASE-TX 10Wx1 (monaural) H: 19 to 92 kHz, V: 48 to 92 Hz Maximum display resolution : 1600x1200 dots NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60 0 27242 83934 2
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Input / Output General Speaker Scanning Freque Display Resolution Color System UPC Code Power Requirem Power Consump	LAN Computer Signal Input Video Signal Input	RJ-45, 10BASE-T/100BASE-TX 10Wx1 (monaural) H: 19 to 92 kHz, V: 48 to 92 Hz Maximum display resolution : 1600x1200 dots NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60 0 27242 83934 2 AC 100 V to 240 V, 3.6 A to 1.4 A, 50 Hz/60 Hz 340 W (AC 100 V-120 V) 320 W (AC 220 V-240 V)
Input / Output General Speaker Scanning Freque Display Resolution Color System UPC Code Power Requirem Power Consump Standby Mode	LAN Computer Signal Input Video Signal Input	RJ-45, 10BASE-T/100BASE-TX 10Wx1 (monaural) H: 19 to 92 kHz, V: 48 to 92 Hz Maximum display resolution : 1600x1200 dots NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60 0 27242 83934 2 AC 100 V to 240 V, 3.6 A to 1.4 A, 50 Hz/60 Hz 340 W (AC 100 V-120 V) 320 W (AC 220 V-240 V) 3 W (Std)/<0.5 W (Low) (AC 100 V-120 V)
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Input / Output General Speaker Scanning Freque Display Resolution Color System UPC Code Power Requirem Power Consump Standby Mode Power Consump Dimensions (Wx	LAN ency Computer Signal Input Video Signal Input nents otion otion (HxD)	RJ-45, 10BASE-T/100BASE-TX   10Wx1 (monaural)   H: 19 to 92 kHz, V: 48 to 92 Hz   Maximum display resolution :   1600x1200 dots   NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p,   576/50p, 720/60p, 720/50p, 1080/60i,   1080/50i   NTSC3.58, PAL, SECAM, NTSC4.43,   PAL-M, PAL-N, PAL60   0 27242 83934 2   AC 100 V to 240 V, 3.6 A to 1.4 A, 50 Hz/60 Hz   340 W (AC 100 V-120 V)   320 W (AC 220 V-240 V)   3 W (Std)/<0.5 W (Low) (AC 100 V-120 V)
Input / Output General Speaker Scanning Freque Display Resolution Color System UPC Code Power Requirem Power Consump Standby Mode Power Consump Dimensions (Wx (without protrust)	LAN ency Computer Signal Input Video Signal Input nents otion otion (HxD)	RJ-45, 10BASE-T/100BASE-TX 10Wx1 (monaural) H: 19 to 92 kHz, V: 48 to 92 Hz Maximum display resolution : 1600x1200 dots NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60 0 27242 83934 2 AC 100 V to 240 V, 3.6 A to 1.4 A, 50 Hz/60 Hz 340 W (AC 100 V-120 V) 320 W (AC 220 V-240 V) 3 W (Std)/<0.5 W (Low) (AC 100 V-120 V) 3 W (Std)/<0.5 W (Low) (AC 220 V-240 V) 406 x 113 x 330.5 mm 15 31/32 x 4 7/16 x 13 "
Input / Output General Speaker Scanning Freque Display Resolution Color System UPC Code Power Requirem Power Consump Standby Mode Power Consump Dimensions (Wx (without protrus Mass	LAN Ency Computer Signal Input Video Signal Input Signal Input Signal Input Signal Input	RJ-45, 10BASE-T/100BASE-TX   10Wx1 (monaural)   H: 19 to 92 kHz, V: 48 to 92 Hz   Maximum display resolution :   1600x1200 dots   NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p,   576/50p, 720/60p, 720/50p, 1080/60i,   1080/50i   NTSC3.58, PAL, SECAM, NTSC4.43,   PAL-M, PAL-N, PAL60   0 27242 83934 2   AC 100 V to 240 V, 3.6 A to 1.4 A, 50 Hz/60 Hz   340 W (AC 100 V-120 V)   320 W (AC 220 V-240 V)   3 W (Std)/<0.5 W (Low) (AC 100 V-120 V)
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\*1 The value is average with lamp dimming.

\*2 The figures are expected maintenance time and not guaranteed.

They will depend on the environment or how the projector is used.

\*3 Works as an audio switcher function. Output from a selected channel, not available in standby.

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