CP-X809

INN⬤VATE
The Future of Projection

INSTALLATION LCD PROJECTOR

Ideal for medium and large venues, the CP-X809 is an affordable solution for both corporate and education markets. High performance coupled with advance networking capabilities and simple user functionality makes the CP-X809 a cost effective solution for a multitude of installation requirements.

Performance
- 5000 ANSI Lumens with optical zoom
- Full connectivity
- Quick Start and Instant Off
- Digital horizontal/vertical keystone correction
- Input source naming
- Wired LAN
- Optional wireless networking capabilities
- 4W x 4 audio output
- Whiteboard Mode and Blackboard Mode
- Anti theft features
  – PIN-Lock
  – MyScreen lock
  – Transition detector
  – Security bar
  – Kensington lock

Cost of ownership
- Extended hybrid filter life with 4000 hour filter cleaning cycle
- No additional filter cleaning costs
- Long life inorganic panels
- Virtually maintenance free
- Easy setup and installation

Optional lenses
- Fixed short throw
- Short throw
- Long throw
- Ultra long throw

Environment
- Reduced carbon footprint by extended service intervals
- The hybrid filter reduces electronic waste

Hitachi have formulated an "Environmental Vision" to contribute towards building a sustainable society through business and product development.

Our goal is to develop life-enhancing technology that will contribute to and realise a truly sustainable society for current and future generations.

3LCD

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

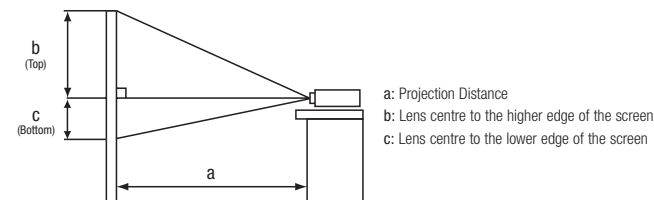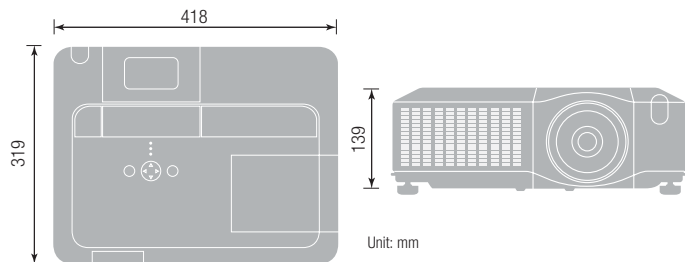HITACHI
Inspire the Next

CP-X809 Technical specifications

OPTICAL

LCD Panel		0.79" P-Si TFT x 3 with micro lens
Resolution		XGA
Brightness	Normal mode	5000 ANSI Lumens
	Eco mode	4000 ANSI Lumens
Contrast ratio		1000:1 (Iris On)
Lens		Standard (2.1~2.6m@70")
		F=1.7~1.9, f=24~29mm
		Throw distance ratio = 1.5~1.8:1, zoom: x 1.2
	FL-601 (Fixed short)	(Only 1:1 lens shift) (1.1m@70") F=2.3, f=13mm
		Throw distance ratio = 0.8:1, zoom: x 1.0
	SL-602 (Short)	(1.7~2.8m@70") F = 1.9~2.6, f=20~32mm
		Throw distance ratio = 1.2~2.0:1, zoom: x 1.6
	LL-603 (Long)	(2.8~5.5m@70") F = 2.1~2.9, f=32~63mm
		Throw distance ratio = 2.0~3.9:1, zoom: x 2.0
	UL-604 (Ultra long)	(5.5~10.5m@70") F = 2.2~3.1, f=63~117mm
		Throw distance ratio = 3.9~7.4:1, zoom: x 1.9
		Manual zoom, Manual focus
Lamp		275W
Lamp life		3000 hours (Normal)/4000 hours (Eco)
Diagonal display size		60"@1.8m, 30~350" standard lens
Number of colours		8 Bit/colour, 16.7M colours
Lens shift (Optical Keystone)		1:1 to 9:1upward shift (Manual lens shift)
		Horizontal (4:6~6:4)@Vertical lens shift 1:1
		(Ref. Horizontal 9:11~11:9@Vertical lens shift 9:1)

COMPATIBILITY

Computer compatibility	IBM Compatible VGA, SVGA, XGA, SXGA, UXGA compressed, MAC 16"
Video compatibility	NTSC/PAL/SECAM/PAL-M,N/NTSC4.43
	SDTV: 525i(480i), 525p(480p), 625i(576i)
	HDTV: 750p(720p@60Hz), 1125i(1080i@50/60Hz), 1125p(1080p@50/60Hz)
Plug & Play	DDC2B

FEATURES

Audio output	4W x 4 SRS WOW technology
Other	Freeze, Magnifying, Blank, Auto adjustment, Search, Page UP&DOWN (for USB mouse function), Equalizing gamma correction, 2-3 pull down, Progressive Scan, Noise reduction, Auto V keystone, Manual H keystone, MyScreen, My Memory, My Button, My Text Function, Blackboard/Whiteboard mode, Day time mode, Input source naming (English), Resolution setting, Easy lamp replace from top, Easy filter change, Quick ON, Direct ON, Direct OFF, PIN-Lock, MyScreen PIN-Lock, Keypad Lock, Kensington slot, Transition detector
Security bar	●
Security label on side	●
OSD languages	MENU: 17 Languages

CONNECTIONS

Computer input	1 x 15-pin Mini D-sub
	1 x BNC
	1 x HDMI
Computer output	1 x 15-pin Mini D-sub
Video input	1 x RCA Jack
	1 x S-Video Jack
	3 x RCA Jack (for Component)
Audio input	2 x Stereo Mini Jack
	2 pair RCA (L/R) (Selectable on OSD)
Audio output	1 x Stereo Mini Jack
Control and mouse	1 x 9-pin D-sub for RS232 control
	1 x USB type B for mouse control
PC-less presentation	1 x USB type A
	1 x SD slot (shared with wireless)
Wireless network	Option (requires optional SD wireless card)
Wired network	1 x RJ-45

POWER

Power supply	100-120V/220-240V, auto switching
Power consumption	460W

PHYSICAL

Dimensions (W x H x D)	418 x 139 x 319mm (excluding feet and extrusions)
Weight	7.1Kg
Noise level	35dB (Normal Mode)/29dB (Whisper Mode)
Air filter	Hybrid

MISCELLANEOUS

Lamp indicator light, Power light, Ceiling mount image, Rear projection image

CERTIFICATION

UL60950/C-UL, FCC Part 15 Class B, 'CE, AS/NZS CISPR22 Class B

ACCESSORIES SUPPLIED

Remote control with batteries, Computer cable, Power cord, User manual (detail & concise), Lens cap (& strap), Security label, SD slot cover lock, Application software

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418

319

139

Unit: mm

a: Projection Distance
b (Top): Lens centre to the higher edge of the screen
c (Bottom): Lens centre to the lower edge of the screen

Image Size 4:3				
Screen Size (Diagonal)	Projection Distance (a)		Screen Height (cm)	
	min. (m)	max. (m)	b (top)	c (bottom)
40" (1.0)	1.2	1.4	55.0	6.0
60" (1.5)	1.8	2.2	82.0	9.0
100" (2.5)	3.0	3.7	137.0	15.0
150" (3.8)	4.6	5.5	206.0	23.0
200" (5.1)	6.1	7.4	274.0	30.0
300" (7.6)	9.2	11.1	411.0	46.0
350" (8.9)	10.8	13.0	480.0	53.0

Image Size 16:9				
Screen Size (Diagonal)	Projection Distance (a)		Screen Height (cm)	
	min. (m)	max. (m)	b (top)	c (bottom)
40" (1.0)	1.3	1.6	51.0	-2.0
60" (1.5)	2.0	2.4	77.0	-2.0
100" (2.5)	3.3	4.0	129.0	-4.0
150" (3.8)	5.0	6.0	193.0	-6.0
200" (5.1)	6.7	8.0	257.0	-8.0
300" (7.6)	10.0	12.1	386.0	-12.0
350" (8.9)	11.7	14.1	450.0	-15.0

3LCD

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

Mixed Sources
Product group from well-managed forests, controlled sources and recycled wood or fiber
www.fsc.org Cert no. SA-COC-001659
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