

CP-X880 & CP-X885

Technical Specifications

OPTICAL	CP-X880	CP-X885
Optical Structure	3 LCD Panels, One Projection Lens, RGB Shutter Method	3 LCD Panels, One Projection Lens, RGB Shutter Method
LCD Panel	0.99", P-Si TFT Panel x 3	0.99", P-Si TFT Panel x 3 with Micro Lens
Resolution	1024 x 768	1024 x 768
Lens	f=1.7-2.4 (f=31-46mm)	f=1.7-2.4 (f=31-46mm)
Lamp	275W UHB	275W UHB
Lamp Life	Over 2000 Hours	Over 2000 Hours
Brightness	3000 ANSI lumens	3500 ANSI lumens
Contrast Ratio	450:1	600:1
Focus Distance	0.9-13.9m	0.9-13.9m
Display Size	30-300inches	30-300inches
Colour	8Bit/Colour, 16.7 Million Colours	8Bit/Colour, 16.7 Million Colours

COMPATIBILITY	CP-X880	CP-X885
Composite Video	NTSC, NTSC4.43, PAL(-BGDHI), PAL60, SECAM, PAL M,N	NTSC, NTSC4.43, PAL(-BGDHI), PAL60, SECAM, PAL M,N
Component Video	HDTV: 750p (720p), 1125i, (1080i/1035i), SDTV: 525i (480i), 525p (480p), 625i (575i)	HDTV: 750p (720p), 1125i, (1080i/1035i), SDTV: 525i (480i), 525p (480p), 625i (575i)
Computer	VGA, SVGA, XGA, SXGA, UXGA, MAC13", MAC16", MAC19"	VGA, SVGA, XGA, SXGA, UXGA, MAC13", MAC16", MAC19"
Plug & Play	DDC1/2B	DDC1/2B
Frequency Range	Horizontal: 15-80kHz, Vertical: 50-120Hz	Horizontal: 15-80kHz, Vertical: 50-120Hz

FEATURES	CP-X880	CP-X885
Keystone Correction	Keystone Automatic on Vertical only	Keystone Automatic on Vertical only
Start Up Screen	My Screen with Lock System	My Screen with Lock System
Image Control	H & V Keystone	H & V Keystone
User Controls	Picture in Picture, 11 Language Menus, Freeze Function, Magnifying, Digital Gamma Correction	Picture in Picture, 11 Language Menus, Freeze Function, Magnifying, Digital Gamma Correction
Speakers	1W x 2	1W x 2

CONNECTORS	CP-X880	CP-X885
Computer Input	15pin D-sub, 5 x BNC, 1 x DVI	15pin D-sub, 5 x BNC, 1 x DVI
Video Input	S-Video: Jack Terminal x 1, Composite Video: RCA Jack terminal x 1, Component Video: RCA Jack Terminal x 3, Component Share RGB1 : BNC Terminal x 3	S-Video: Jack Terminal x 1, Composite Video: RCA Jack Terminal x 1, Component Video: RCA Jack Terminal x 3, Component Share RGB1 : BNC Terminal x 3
RGB Output	15-pin Mini-Dsub Terminal x 1 (Selected OUT)	15-pin Mini-Dsub Terminal x 1 (Selected OUT)
Audio Output	Stereo-mini Jack Terminal x 1 (Selected OUT)	Stereo-mini Jack Terminal x 1 (Selected OUT)
Control	1 x RS-232 - 15-pin D-sub, 1 x USB	2 x RS-232 - 15-pin D-sub, 1 x USB

POWER	CP-X880	CP-X885
Power Supply	AC100-120V/AC220-240V	AC100-120V/AC220-240V
Power Consumption	430W	430W

PHYSICAL	CP-X880	CP-X885
Dimensions (WxHxD)	390 x 120 x 290 mm (excluding lens & legs)	390 x 120 x 290 mm (excluding lens & legs)
Weight	5.6kg	5.6kg
Noise Level	35dB Whisper Mode	35dB Whisper Mode
Approvals	UL60950/C-UL, FCC Part 15, Class B, CE, TUV EN60950	UL60950/C-UL, FCC Part 15, Class B, CE, TUV EN60950

SUPPLIED WITH	CP-X880	CP-X885
	Remote Control, Power Cord, RGB Cable, Video Cable, USB Cable, 8-language Operators Manual	Remote Control, Power Cord, RGB Cable, Video Cable, USB Cable, 8-language Operators Manual

OPTIONS	CP-X880	CP-X885
	Long Throw Lens, Wireless RGB, Wired Remote Control	Long Throw Lens, Wireless RGB, Wired Remote Control

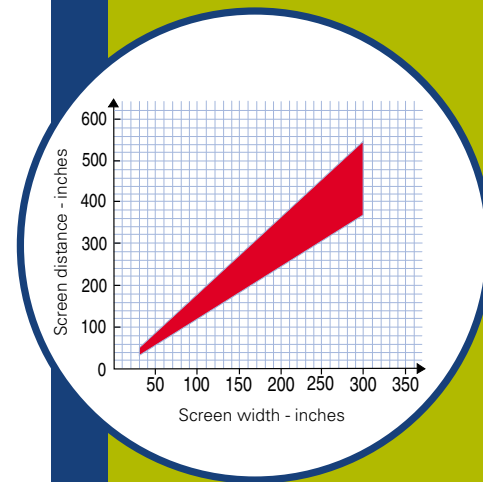
Screen Size (inch)	a Min	a Max	b (bottom)
30	0.9m (34")	1.3m (52")	46cm (18")
40	1.2m (46")	1.8m (71")	61cm (24")
50	1.5m (58")	2.3m (89")	76cm (30")
60	1.8m (71")	2.7m (107")	91cm (36")
70	2.1m (83")	3.2m (126")	107cm (42")
80	2.4m (95")	3.7m (144")	122cm (48")
90	2.7m (108")	4.1m (162")	137cm (54")
100	3.0m (120")	4.6m (181")	152cm (60")
120	3.7m (144")	5.5m (217")	183cm (72")
150	4.6m (181")	6.9m (272")	229cm (90")
200	6.2m (243")	9.2m (364")	305cm (120")
250	7.7m (304")	11.6m (455")	381cm (150")
300	9.3m (366")	13.9m (547")	457cm (180")

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CP-X885

CP-X880



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The specification above and photography is for reference only and may be subject to change.



CP-X885
3500 ANSI Lumens



CP-X880
3000 ANSI Lumens

3500/3000 ANSI Lumens

CP-X885 & CP-X880 Features

- 3500 ANSI Lumens (CP-X885)
3000 ANSI Lumens (CP-X880)
- Full Connectivity
- Horizontal and Vertical Keystone Correction
- My Screen Option
- 1.5x Zoom Lens
- 35dB Whisper Mode
- Picture in Picture
- Full Function Remote Control

With an output of 3500 ANSI Lumens for CP-X885 and 3000 ANSI Lumens for CP-X880, 0.99" Polysilicon active matrix TFT panel and a UHB lamp, even 300" images displayed are vivid and bright making these ideal projectors for installation in medium to large venues. XGA resolution means that presentations containing fine detail such as spreadsheets and diagrams are clear and sharp, whilst the 500:1 contrast ratio delivers superb graphics.

Advanced features enhance presentation quality and make set up and delivery even easier. A major new development is the optional wireless and network module, which allows you to operate the projector without any cables connecting to the PC. You can also give a presentation without a PC at all by using the PC card. Other features include Keystone correction, which can be made in both vertical and horizontal directions, while the My Screen feature allows an image to be displayed at switch on before the presentation begins. With full connectivity the CP-X885 and CP-X880 models feature the usual DVI and component terminals, with the addition of BNC terminals.

Advanced User Features

The CP-X885 and CP-X880 models boast a variety of features, which offer outstanding brightness, picture quality, and convenience for all types of presentations.

My Screen Function

The new My Screen feature allows the user to store an image such as a company logo or a product picture in the projector's non-volatile memory. This image is then displayed immediately when the projector is switched on, even before any input sources are connected, giving a more professional start to a presentation.



Horizontal and Automatic Vertical Keystone Correction

Setting up is both easier and more flexible thanks to integrated horizontal and automatic vertical keystone correction, accessed directly via a single button on the unit's control panel. This feature means that the projector can be set off to the right or left off the screen and correction can be applied to remove any image distortion.

Multiple Inputs

Both the CP-X885 and CP-X880 offer virtually every input connection required to accommodate today's media sources. Video inputs cater for composite, S-video and component video formats, all with stereo audio. On the computer side there are two analogue RGB inputs and in addition to the the usual DVI and Component terminals, these models have a new BNC terminal and also provide a D-sub 9-pin adapter.

Easy Operation

The easy Input Dial lets you check the selected input at a glance and switch it easily in Jog Dial mode. And you can use the One-Touch button for quick vertical keystone adjustments and input search.

1.5x Zoom Lens

The CP-X885 and CP-X880 both feature a 1.5x zoom lens as standard, which can be used at distances from 3.1 to 4.6m to project a 100" screen. A 1.3 optional long throw lens is also available which allows greater flexibility in positioning the projector.

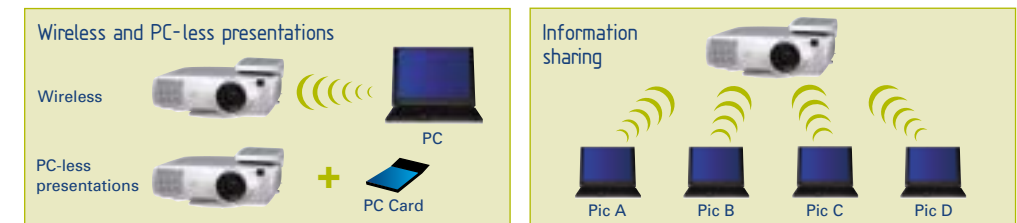
Wireless/Wired Full Function Remote Control

The remote control provides a Jog Dial to make operation easier. Aspect switching is done directly and in places where the infrared signal is not easy to receive, it can be used as a wired remote control.



Optional Wireless and Network Module (WNM80)

The optional wireless and network module is equipped with a communication card slot and a 10/100 BASE-TX Ethernet port. The benefit of this is that it allows both wireless and wired operation. For wireless and presentations without a PC you can operate the projector without any cables being connected to the PC, or you can give a presentation without a PC at all by using the PC card. With the ability to connect up to four PCs without wires and the facility to project a maximum of four screens with the projector, this module will allow you to create more sophisticated presentations. When used in conjunction with the wireless full function remote control you can control on/off, input selection and monitoring of lamp status, giving a true wireless presentation.



Convenient Ceiling Installation

Both of these projectors have a lamp replacement panel on the top, so it is easier to change the lamp when the unit is suspended from the ceiling. Cable connection is stable due to the BNC terminal and the projector can be controlled from far away using the wireless remote control.

Longer Lamp Life

Through the development of new circuitry and improved airflow, the CP-X880 and CP-X885 now offer a lamp life of over 2000 hours, resulting in lower operational and maintenance costs.

Enhanced Video Quality

Black Level Enhancement: In most video images the darkest areas of the picture are not fully black. By forcing these areas to be black the perceived quality of the projected image can often be improved. Normally, black enhancement is a linear adjustment which proportionately darkens all areas of the picture causing an unwelcome reduction in midrange brightness. Hitachi's advanced black enhancement method avoids this by applying a measured adjustment to the darker areas while leaving the brighter areas unaffected.

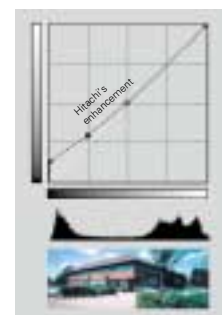


Image Noise Reduction

Image Noise Reduction: The CP-X880 and CP-X885 also uses digital image processing to reduce excessive image noise. By continually comparing the value of each pixel over successive fields, any abrupt or isolated change can be identified and suppressed resulting in a cleaner sharper image.