

CP-X870D

Technical Specifications

OPTICAL

Optical Structure	3 LCD Panels, one projection lens, RGB shutter method
LCD Panel	1.3", P-Si TFT panel x 3 panels, Stripe pixel configuration 1024 dots x 768 lines x 3 panels
Drive method	TFT Active Matrix, without micro lens
Resolution	RGB: 1024 dots x 768 lines, Video: 540 TV lines
Lens	F1.74-2.03 (f=49-64mm), Manual Zoom 1.3x, Manual Focus
Lamp	150W UHB
Lamp Life	4000 hours
Brightness	2000
Contrast Ratio	400:1
Focus Distance	1.1-11.3m (wide) 1.4-14.6m (tele)
Display Size	30"-300" diagonal
Keystone Correction	Fixed: 20:1 upward shift, plus digital correction
Colour	8 bits/colour, 16.7M colours

COMPATIBILITY

Composite Video	NTSC, PAL (-BGDHI), SECAM, PAL-M, NTSC 4.43, PAL60
Component Video	525i(480i), 525p(480p), 625i(575i), 1125i, (1080@60Hz, 1035i@60), 750p(720p@60)
Computer	IBM Compatible, VGA, SVGA, XGA, SXGA (compressed), UXGA (compressed) MAC13", MAC16"
Plug & Play	DDC1/2B
Frequency Range	Vertical: 50-120 Hz Horizontal: 15-80 kHz

FEATURES

Keystone Correction	Horizontal and Vertical
Start Up Screen	My Screen
Image Control	H&V Keystone
User Controls	Mirror Reverse Image, Invert Image, Picture in Picture, Digital Gamma Correction
Speakers	1W x 2

CONNECTORS

Computer Input	15pin Mini-Dsub, 5 x BNC, 1 x DVI
Video Input	Composite Video RCA Jack x 1 S-Video Mini-DIN 4pin x 1 Component Video RCA Jack x 3, phono x 3 Audio Jack x 2

POWER

Power Supply	90-132 / 198-264V AC, 50/60Hz
Power Consumption	270W
Dimensions	380 x 128 x 290mm (W x H x D)
Weight	5.7kg
Noise Level	≤ 39dB
Approvals	UL60950 / C-UL, FCC PART 15, CLASS B, CE, TUV EN60950

SUPPLIED WITH

- Soft Carrying Case
- AA batteries x 2
- RGB Cable
- Power Cord (US, UK, Europe)
- Wireless Remote Control with Laser Pointer
- RCA Video/Audio Cable
- RS-232C Adaptor
- Language User Manual
- Language Safety Instructions

OPTIONS

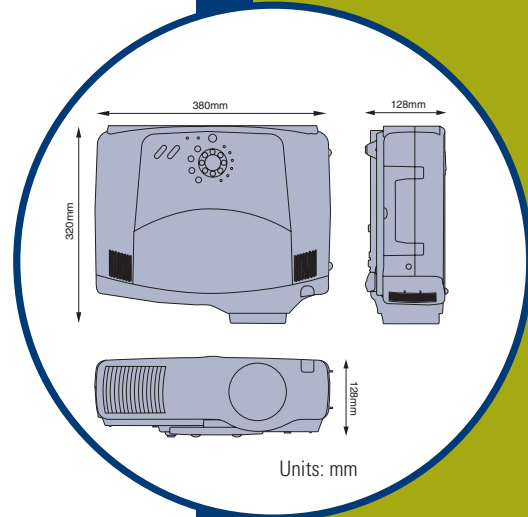
- Wireless/Network Unit
- Smoke Resistant Box
- Wired Remote Control
- Zoom Lens

Image Size		Projection Distance	
		CP-X870D	
Diagonal	Width (m)	Min (m)	Max (m)
30" (0.76)	0.61	1.2	1.5
40" (1.02)	0.81	1.6	2.1
60" (1.52)	1.22	2.4	3.1
80" (2.03)	1.63	3.2	4.2
100" (2.54)	2.03	4.1	5.2
120" (3.05)	2.44	4.9	6.3
150" (3.81)	3.05	6.1	7.8
200" (5.08)	4.06	8.2	10.4
300" (7.62)	6.10	12.4	15.7

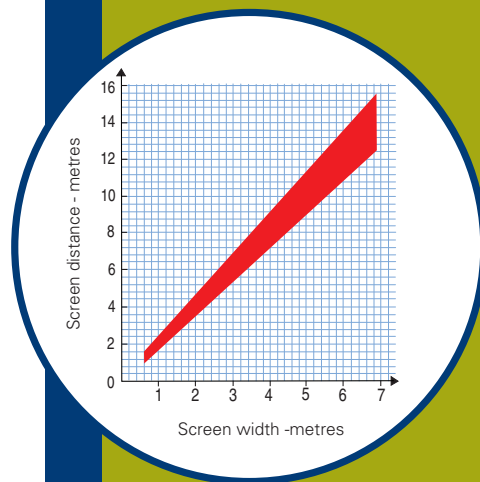
All brand or product names are trademarks or registered trademarks of their respective owners.
Design and specifications are subject to change without notice.

HITACHI

Inspire the Next



Units: mm



Screen Dimensions

HITACHI DIGITAL MEDIA
Hitachi Europe Ltd
Dukes Meadow
Millboard Road
Bourne End
Buckinghamshire SL8 5XF
Tel: 01628 643 000
www.hitachidigitalmedia.com

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

Rugged Model for Public Space

CP-X870D



- Easy Maintenance Projector
- 10,000 Hour Warranty on all Parts*
- 12 Month Warranty on Lamp
- Smoke Proof Box Available (optional)
- XGA Resolution

* Except Lamp

HITACHI

Inspire the Next

HITACHI
CP-X870
MULTIMEDIA PROJECTOR
XGA

ProSelecta

View :: Compare :: Select - www.ProSelecta.com

2000 ANSILUMENS

HITACHI
CP-X870
MULTIMEDIA PROJECTOR
XGA

CP-X870D Features

- Long Life, Low Maintenance
- Ideal for Advertising and Digital Signage Applications
- Longer Lamp Life 4000 hours
- My Screen Option
- Horizontal and Vertical Digital Keystone Correction

The CP-X870D is a long life projector specifically designed for advertising and digital signage applications and boasts an exceptionally long lifespan with very low maintenance costs. With an output of 2000 ANSI Lumens, images are vivid and bright making it an ideal multi purpose projector. Delivering video quality, impressive performance and offering a wide range of features.

Advanced features include full connectivity to both video and PC with; in addition, an optional connection to a wireless or standard wired LAN. This allows remote monitoring or remote wireless connection using the popular 802.11B wireless protocol. A highly efficient cooling system allows the optical parts to operate under lower stress enabling the projector's lifespan to extend by three times, providing up to 10,000 hours of use. Other features include Keystone correction, which can be made in both vertical and horizontal directions, while the Pin Code Security Function protects the projector from unauthorised usage.

Advanced User Features

The CP-X870D boasts a variety of features, which offer outstanding ease of use and the ability to deliver highly professional presentations.

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-X870D has 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.

Pin Code Security Function

Offering you peace of mind and reassurance, the pin code security feature protects the projector from unauthorised usage. By simply allowing you to enter a personal code, this anti-theft device will act as a deterrent and allow for better product care, particularly in schools and other educational institutions.

Easy Maintenance

In addition to the excellent performance and durability of the projector, it has also been designed with an easy access panel to allow the long life lamp to be changed without having to remove the unit if it is ceiling mounted.

Smoke Filter

For longer life choose to fit the optional projector protection box which features air filters, fan and connections. This casing allows projectors to be used in environments with adverse air quality conditions such as bars, clubs and entertainment venues reducing the damage that smoke can cause to the projector and resulting in a longer product life.

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

The CP-X870D offers 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 usual DVI and Component terminals, this model has a new BNC terminal and also provides a D-sub 9-pin adaptor.

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. 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.

Longer Lamp Life

Through the development of new circuitry and improved airflow, the CP-X870D now offers a lamp life of 4000 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.

