

# CP-X4020E

INNOVATE  
The Future of Projection



## MULTI PURPOSE LCD PROJECTOR

Display beautiful images to medium and large audiences with our brightest Multi Purpose projector yet. Combining high brightness with outstanding Hitachi quality, the CP-X4020E will offer amazing results whilst driving down your total cost of ownership with its long life lamp and Hybrid filter.

### Performance

- XGA resolution
- 4000 ANSI Lumens
- 2000:1 high contrast ratio
- Quick ON and Auto Off
- Low noise level - 29dB in Eco Mode
- Daytime Mode
- Blackboard and Whiteboard Modes
- 16W internal speakers
- New On-Screen Display (OSD) menu design
- Anti theft features:
  - PIN-Lock
  - MyScreen PIN-Lock
  - Keypad Lock
  - Kensington Lock
  - Transition Detector

### Cost of ownership

- Extended Hybrid filter life with 4000 hour filter cleaning cycle
- Long lamp life - 4000 hours (Eco Mode)\*
- No additional filter cleaning costs
- Virtually maintenance free
- Easy set up and installation
- Power saving mode

### 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.*

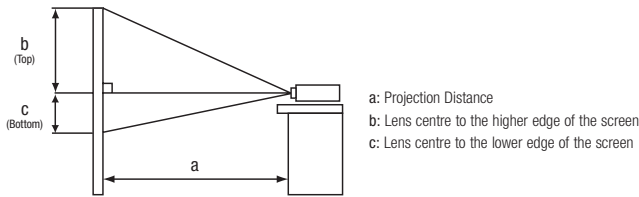
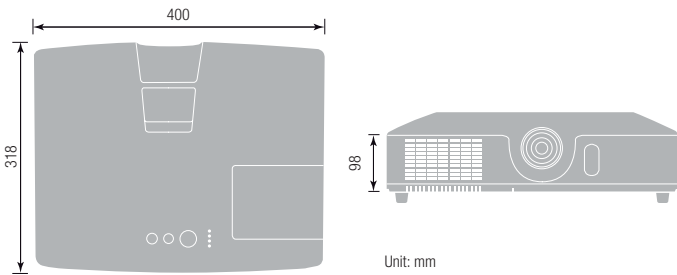
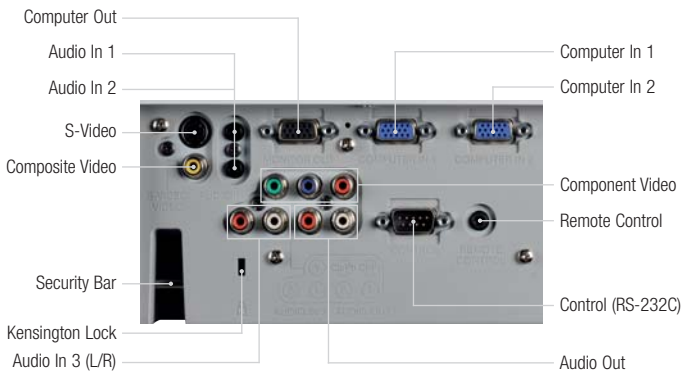
*Our goal is to develop life-enhancing technology that will contribute to and realise a truly sustainable society for current and future generations.*



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# CP-X4020E Technical specifications



Screen Size (Diagonal)	Projection Distance (a)		Screen Height (cm)	
	min. (m)	max. (m)	b (top)	c (bottom)
30" (0.8)	0.9	1.0	41	5
40" (1.0)	1.2	1.4	55	6
50" (1.3)	1.5	1.8	69	8
60" (1.5)	1.8	2.1	82	9
100" (2.5)	3.0	3.6	137	15
150" (3.8)	4.5	5.3	206	23
200" (5.1)	6.0	7.1	274	30
250" (6.4)	7.5	8.9	343	38
300" (7.6)	9.0	10.7	411	46

OPTICAL		
LCD Panel		0.63" P-Si TFT x 3
Resolution		XGA
Brightness	Normal Mode	4000 ANSI Lumens
	Eco Mode	3000 ANSI Lumens
Contrast ratio		2000:1
Lens		Manual focus, manual zoom x 1.2
Lamp wattage		260W UHP
Lamp life		3000 hours (Normal Mode)/4000 hours (Eco Mode)*
Focus distance		0.9~9.1 (Wide), 1.1~10.9 (Tele)
Distance to width ratio (:1)		1.5~1.8
Diagonal display size		30~300" (60"@1.8m, Wide)
Number of colours		8 Bit/colour, 16.7M colours
Keystone		9:1 upward shift, fixed

COMPATIBILITY	
Computer compatibility	IBM Compatible VGA, SVGA, XGA, SXGA, SXGA+, UXGA (compressed), MAC 16" fr: 56~120Hz, fh: 31.5~106kHz
Plug & Play	DDC2B
Video compatibility	Composite/S-Video: NTSC, PAL, SECAM, PAL-M, PAL-N, NTSC4.43 Component Video: 525i(480i), 525p(480p), 625i(576i), 625p(576p), 1125i(1080i@50/60), 750p(720p@50/60), 1125p(1080p@50/60)

FEATURES	
Speakers	16W
Basic functions	Freeze, Magnify, Blank, Aspect selection (Video: 4:3/16:9/14:9, Data: Normal/4:3/16:9/16:10, Normal mode keeps the original aspect ratio of the signal), Mirror reverse image, Upside down image
Picture adjustments	Equalizing Gamma Correction, Equalizing Colour Temperature Adjustment, Picture Mode (Normal, Cinema, Dynamic, Blackboard/Greenboard/Whiteboard, Daytime), Progressive Scan, 2-3 Pull Down (for NTSC), Noise Reduction
Digital keystone	Auto Vertical Keystone ±30degrees (@XGA 60Hz)
Advanced features	Template, MyScreen, My Memory, My Button, My Text, My Source, Overscan (Video, S-Video, Component signal), Resolution Preset and Custom Modes, Frame Lock (Data signal with vertical frequency of 50 to 60Hz), audio ports assign, Audio Pass Through, Input Source Naming, filter timer (selectable interval time to show a message for filter cleanup)
Outward	Easy lamp replace from top, air filter slides from bottom to front
Power on & off	Direct on, auto off
Security systems	Security bar, PIN-Lock, MyScreen PIN-Lock, Transition Detector, My Text Lock, Keypad Lock
OSD languages	English, French, German, Spanish, Italian, Norwegian, Dutch, Japanese, Portuguese, Simplified Chinese, Traditional Chinese, Korean, Swedish, Russian, Finnish, Polish, Turkish, Arabic, Persian, Czech, Danish, Hungarian, Romanian, Slovenian, Croatian, Greek, Lithuanian, Estonian, Latvian, Thai, Portuguese (Brazil)

CONNECTIONS	
Computer input	2 x 15-pin Mini D-sub
Computer output	1 x 15-pin Mini D-sub
Video input	1 x RCA Jack (for composite) 1 x S-Video Jack Mini-DIN 4-pin 3 x Component RCA
Audio input	2 x Stereo Mini Jack
Audio output	1 x Stereo RCA Audio
Control	1 x RCA (L/R) 1 x 9-pin D-sub for RS232 control

POWER	
Power supply	AC90~132V/AC198~264V (50/60Hz)
Power consumption/Standby	390W/<5W

PHYSICAL	
Dimensions (W x H x D)	400 x 98 x 318mm (excluding feet and extrusions)
Weight	4.2Kg
Noise level	29dB (Eco Mode)/35dB (Normal Mode)
Air filter	Hybrid

MISCELLANEOUS	
Lamp indicator light, power light, ceiling mount image, rear projection image, serial number label on side	

CERTIFICATION	
EN60950-1 (Low voltage directive) CE Marking EN61000-3-2, EN61000-3-3, EN55022, EN55024 (EMC directive)	

ACCESSORIES SUPPLIED	
Remote control with batteries, RGB cable, power cord, lens cap, security label, user manual (detail & concise)	

OPTIONAL ACCESSORIES	
Replacement lamp	DT01051

WARRANTY	
Projector warranty	3 Years
Lamp warranty	6 Months/4000 Hours**

Screen Size (Diagonal)	Projection Distance (a)		Screen Height (cm)	
	min. (m)	max. (m)	b (top)	c (bottom)
30" (0.8)	1.0	1.1	39	-1
40" (1.0)	1.3	1.5	51	-2
50" (1.3)	1.6	1.9	64	-2
60" (1.5)	1.9	2.3	77	-2
100" (2.5)	3.3	3.9	129	-4
150" (3.8)	4.9	5.8	193	-6
200" (5.1)	6.6	7.8	257	-8
250" (6.4)	8.2	9.7	322	-10
300" (7.6)	9.9	11.7	386	-12



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\*The stated lamp life refers to the average life expected in ideal operating conditions with usage in accordance with the manual. The majority of, but not all lamps should achieve this figure.  
\*\* A free replacement lamp will be issued if the original lamp is less than 6 months old and it has been used for less than the hours stated on the warranty.  
The specification above and photography is for reference only and may be subject to change.

