CP-X450

MULTIPURPOSE PROJECTOR

Virtually maintenance free multipurpose projector

Performance
- 3500 ANSI Lumens
- Full connectivity
- Quick Start and Instant Off
- Auto vertical keystone
- Input source naming
- My Button
- 7W audio output

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

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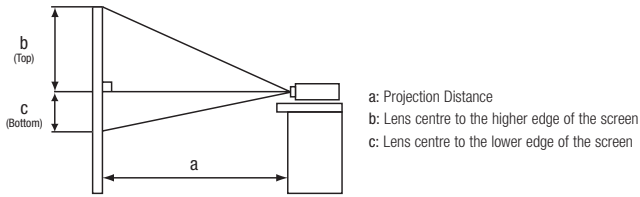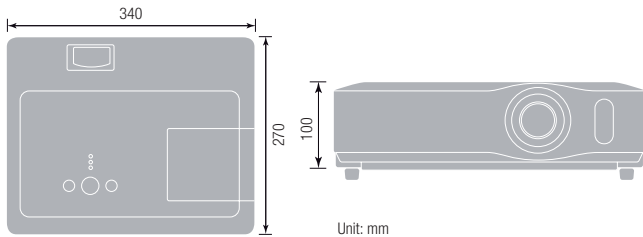- The hybrid filter reduces electronic waste

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

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CP-X450 Technical specifications

340
270
100
Unit: mm

b (Top)
c (Bottom)
a

a: Projection Distance
b: Lens centre to the higher edge of the screen
c: 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	6
60" (1.5)	1.8	2.2	82	9
100" (2.5)	3.0	3.6	137	15
150" (3.8)	4.6	5.5	206	23
200" (5.1)	6.1	7.3	274	30
300" (7.6)	9.1	11.0	411	46

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	-2
60" (1.5)	2.0	2.4	77	-2
100" (2.5)	3.3	4.0	129	-4
150" (3.8)	4.9	6.0	193	-6
200" (5.1)	6.6	8.0	257	-8
300" (7.6)	9.9	12.0	386	-12

OPTICAL

LCD Panel		0.63" P-Si TFT x 3 with micro lens
Resolution		XGA
Brightness	Normal Mode	3500 ANSI Lumens
	Eco Mode	2600 ANSI Lumens
Contrast Ratio		500:1
Lens		F1.6~1.8 (f=18.9~22.6mm) Manual Focus, Manual Zoom x 1.2
Lamp		220W
Lamp Life		2000 (normal)/3000 (eco)
Projection Distance		0.9 ~ 10.8m
Distance to Width Ratio (:1)		1.5 (WIDE), 1.7 (TELE)
Diagonal Display Size		30 ~ 300" (60"@1.8m, Wide)
Number of Colour		8 Bit/colour, 16.7M colours
Keystone Correction		9:1upward shift, fixed

COMPATIBILITY

Computer Compatibility	IBM Compatible VGA, SVGA, XGA, SXGA, UXGA Compressed, MAC 16" (Pixelworks chip)
Video Compatibility	NTSC/PAL/SECAM/PAL-M,N/NTSC4.43 SDTV: 525i(480i), 525p(480p), 625i(576i) HDTV: 750p (720p@50/60Hz), 1125i(1080i@50/60Hz)
Plug & Play	DDC2B
Frequency Range	FV 56~120Hz, FH 31.5~106kHz

FEATURES

Audio Output	7W Mono
Other	Closed Caption (CC1- 4, TEXT1- 4) support only NTSC, ASPECT selection, For Video: 4:3/16:9/14:9/Small, For Data: Normal/4:3/16:9/Small The NORMAL mode keeps the original aspect ratio of the signal, Vertical Digital Keystone Correction: ±30degrees (Input signal is XGA @ 60Hz, Zoom position is Wide max.) Auto Vertical Digital Keystone Correction: ±30degrees, Mirror Reverse Image, Up-side Down Image, Picture Freeze by RS-232C/ Remote control, Magnify 4 times (XGA) by RS232C/Remote control Image blank by RS232C/Remote control, MyScreen, My Memory, My Button, My Text, My Source, Equalizing Digital Gamma Correction, Equalizing Colour temperature Adjustment, Picture mode (Normal, Cinema, Dynamic, Board (Black), Board (Green), Whiteboard, Daytime), Progressive (Video/S-Video signal, Component video of 525i(480i), 625i(576i)), 2-3 Pull Down for NTSC Video noise reduction, Overscan (Video, S-Video, Component signal) Resolution setting, Frame Lock (Data signal with vertical frequency of 50 to 60Hz), Audio ports assign, Source naming, Auto on, Auto off, Auto signal search, Security Lock, PIN Security Lock, MyScreen PIN-Lock, Transition Detector, Keypad Lock, My Text Lock, Template (Test pattern and 4 Template image patterns), Audio out (standby) and Monitor out/selectable source with OSD
OSD Languages	MENU : 17 Language

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 RCA Jack (for component)
Audio Input	2 x Stereo Mini Jack
	1x 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

POWER

Power Supply	AC100-120/220-240 V, Auto Switching
Power Consumption	320W

PHYSICAL

Dimensions (W x H x D)	340 x 100 x 270mm (excluding feet and extrusions)
Weight	3.5Kg/(7.9lbs)
Noise Level	35dB/29dB
Air Filter	Hybrid

MISCELLANEOUS

Lamp indicator light, Power light, Ceiling Mount image, Rear Projection Image

CERTIFICATION

EN60950/UL60950/GostR/GS Part 15, Class B, AS/NZS CISPR22 Class B CE, EN61000-3-2, EN61000-3-3, EN55022, EN55024

ACCESSORIES SUPPLIED

Remote Control with batteries, RGB Cable, Power Cord: CP-X450W: (US cord, 3m) x 1, (UK cord, 3m) x 1 and (Euro cord, 3m) x 1, CP-X450U: (US cord, 3m) x 1, CP-X450E: (UK cord, 3m) x 1, (Euro cord, 3m) x 1, User Manual (detail & concise), Lens Cap (& strap), Security Label, AV cable

OPTIONAL ACCESSORIES

Replacement Lamp	DT00911

3LCD