

**HITACHI**  
Inspire the Next

# CPX1 & CPX2 LCD Projector



The perfect balance of features,  
performance and design



# A perfect balance of size, weight, brightness and throw.

The CPX1 and CPX2 is the ultimate portable projector for the mobile business consumer. Combining stunning features with powerful performance in a lightweight and compact design, the CPX1 delivers whichever way you look at it.

## At last, a projector for today's mobile professional



Combining stunning features with powerful performance in a lightweight and compact design, the CPX1 and CPX2 are built for portability. Weighing just 1.7kg (CPX1) and smaller than a sheet of A4 paper, these are the ultimate portable projector for the mobile business consumer.

## Picture perfect

Just because it's compact doesn't mean we've compromised. The CPX1 and CPX2 have a 2000 ANSI Lumens brightness. This means they will deliver crisp sharp images, with real punch and can be seen perfectly in all lighting conditions.

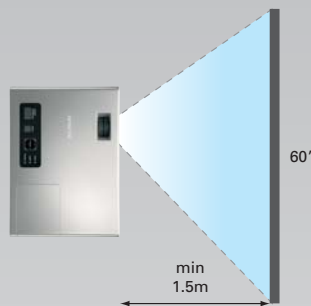
## Get your audience's full attention



The CPX1 and CPX2 offer the least distraction from your presentations. With a noise level of 29dB its internal fan is one of the quietest in its class, so all your audience will hear is what you have to say, not the operating noise of the projector.

## No space? No problem

The CPX1 and CPX2 have one of the shortest throws on the market, projecting a 60" screen at 1.5m, providing the biggest possible picture in the tightest space. And with its powerful optical zoom lens, you can almost project from anywhere.



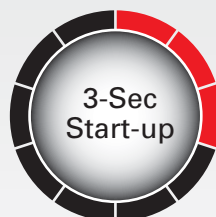
## PC-less presentations

Thanks to its built-in USB reader, you can present images and presentations, computer-free, direct from your USB device. Eliminating the need to connect cables you can ensure a smooth start to your presentations. And if you want to bring your laptop, the CPX1 and CPX2 have a wide range of inputs too.



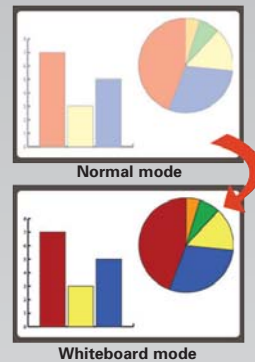
## Ready when you are

The CPX1 and CPX2 start up in just 3 seconds. And with its instant off function there's no waiting when you've finished either. Plus, you don't have to wait for it to cool down, as soon as you're ready to leave it is too.



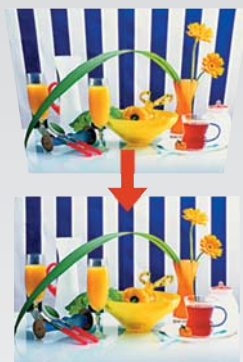
## Whiteboard and Blackboard Modes

In rooms with no screen, the CPX1 and CPX2 can project on a whiteboard or blackboard. In whiteboard mode, the white signal is only half as bright, ensuring optimum visibility. The blackboard mode is compatible with both blackboard and green blackboards.



## Auto Vertical Keystone Correction

Keystone distortion occurs when the projector is inclined. This is automatically detected by a gravity sensor inside the projector and corrected. It's one more way the CPX1 and CPX2 smooths your preparation for a presentation.



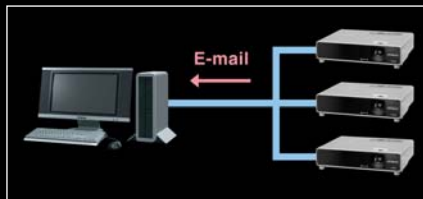
## Security Functions

The CPX1 and CPX2 have a wide range of security features including a transition detector which saves the installed settings, if moved the projector will need to be re-adjusted, this can only be completed once the password is entered. The PIN security lock system protects the projector from unauthorised use - if the projector is switched on without the code the projector is unusable. To complete the security functions of these projectors, the MyScreen PIN lock creates a personal start up screen that cannot be changed without the PIN, allowing identification of the rightful owner.



### Projector Monitoring & Control

The CPX2 can be integrated through a wired or wireless connection, into a LAN for centralized monitoring of power, input, lamp time and other functions. In fact, more than 500 projectors can be monitored from a single PC. It is also possible to control the power and other functions of a single specified projector or of all projectors linked via the LAN. This makes operating projectors installed in different rooms a simple task. Moreover, Projector Monitoring and Control can be applied to both wired and wireless networks.



### Email Alerts

Using Simple Network Management Protocol (SNMP), the projector is able to remotely monitor and diagnose its status and the status of other network applications with SNMP Management Software. When an error or trouble occurs, the projector uses Simple Mail Transfer Protocol (SMTP) to send a warning message to up to five e-mail addresses.

### Control and Monitoring via Web browser

Projectors can be controlled and monitored via a web browser without having to download and install application software.



### Features at a glance

- 2000 lm, XGA
- Light weight <1.7kg (CPX1)
- PC-less presentation via USB
- Short throw lens – 60" @ 1.5 m
- Low noise level 29dB
- Auto Vertical Keystone Correction
- Quick-start (3 seconds)
- Instant-OFF
- 802.11g wireless model (CPX2)

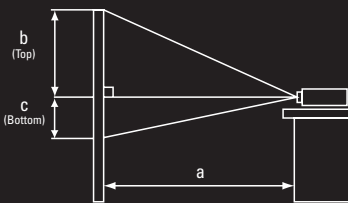
CPX1

CPX2

Technical Specifications



MODEL	CPX1	CPX2
LCD Panel	0.63" P-Si TFT x 3	0.63" P-Si TFT x 3
Resolution	XGA: 1024 dots x 768 lines	XGA: 1024 dots x 768 lines
Number of Colour	8bit/colour, 16.7Mcolours	8bit/colour, 16.7Mcolours
Brightness	Normal Mode Whisper Mode	2000 lm 1600 lm
Contrast Ratio	500:1	500:1
Lamp	UHB160W	UHB160W
Lamp Life @ whisper	3000hrs	3000hrs
Lens	F1.8-1.9 x1.2 Optical Zoom (f=16.4-19.7 mm), Manual Focus	F1.8-1.9 x1.2 Optical Zoom (f=16.4-19.7 mm), Manual Focus
Keystone	6:1 upward shift, fixed	6:1 upward shift, fixed
Digital Keystone	Auto V keystone	Auto V keystone
Diagonal Display Size	30 - 300 inches (60" @ 1.5m)	30 - 300 inches (60" @ 1.5m)
Computer Compatibility	IBM Compatible VGA, SVGA XGA, SXGA/SXGA+, UXGA Compressed, MAC 16"	IBM Compatible VGA, SVGA XGA, SXGA/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)	NTSC/PAL/SECAM/PAL-M,N/NTSC4.43 SDTV: 525i(480i), 525p(480p), 625i(576i) HDTV: 750p (720p@60Hz), 1125i(1080i@50/60Hz)
Audio Speakers	1.0 W x1	1.0 W x1
Audio Input	Stereo Mini Jack x 1	Stereo Mini Jack x 1
Video Input	Composite x 1, S-Video Jack x 1 Component x 1 (shared with D-sub1)	Composite x 1, S-Video Jack x 1 Component x 1 (shared with D-sub1)
Data Input	15-pin Mini D-sub x 2	15-pin Mini D-sub x 1
Control and Mouse	USB type B x 1 for mouse control No RS-232C	USB type B x 1 for mouse control No RS-232C
USB type A x1 for PC-less presentation	Yes	Yes (via MIU)
Wireless Network	No	SD slot x1
Wired Network	No	RJ-45 x1
Audio Output	Stereo Mini Jack x 1	Stereo Mini Jack x 1
Weight	1.7kg (3.8lbs)	1.8kg
Size (W x H x D) (excluding feet and extrusions)	274 x 59 x 205 mm	274 x 65 x 205 mm
Miscellaneous	Lamp Indicator Light, Power Indicator Light, Temp Indicator Light Ceiling Mount Image, Rear Projection Image	Lamp Indicator Light, Power Light, Ceiling Mount Image, Rear Projection Image
Accessories	Power Cord, RGB Cable (2m), Wireless Remote Control Unit, "AA" Batteries (x 2), Rivet, Strap, Lens Cap, Filter Cover (for bottom-up use), Operating Guide (14 Languages), Safety Instructions (15 Languages on CD-ROM), Users Manual (14 Languages: English, French, Spanish, German, Italian, Norwegian, Dutch, Portuguese, Simplified Chinese, Korean, Swedish, Russian, Finnish, Polish)	Power Cord, RGB Cable (2m), Wireless Remote Control Unit, "AA" Batteries (x 2), Rivet, Strap, Lens Cap, Filter Cover (for bottom-up use), Operating Guide (14 Languages), Safety Instructions (15 Languages on CD-ROM), Users Manual (14 Languages: English, French, Spanish, German, Italian, Norwegian, Dutch, Portuguese, Simplified Chinese, Korean, Swedish, Russian, Finnish, Polish)
Wireless Card, application software	No	Yes
Voltage	100-120V/220-240V auto switching	100-120V/220-240V auto switching
Noise	Normal Mode Whisper Mode	35dB 29dB
Agency Certifications	CE approval, EN61000-3-2, EN61000-3-3, EN55022, EN55024, EN60950, Low voltage directive, WEEE	CE approval, EN61000-3-2, EN61000-3-3, EN55022, EN55024, EN60950, Low voltage directive, WEEE
Features	ASPECT selection	For Video: 4:3/16:9/14:9/Small For Data: Normal/4:3/16:9/Small
	Customisation	MyScreen, My Memory, My Button
Multi processing information unit		No
		No
		No



- 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)
30" (0.8)	0.8	0.9	39.0	7.0
60" (1.5)	1.5	1.9	78.0	13.0
100" (2.5)	2.6	3.1	131.0	22.0
150" (3.8)	3.9	4.7	196.0	33.0
200" (5.1)	5.2	6.2	261.0	44.0
300" (7.6)	7.8	9.3	392.0	65.0

Image Size 16:9

Screen Size (Diagonal)	Projection Distance (a)		Screen Height (cm)	
	min. (m)	max. (m)	b (top)	c (bottom)
30" (0.8)	0.8	1.0	37.0	1.0
60" (1.5)	1.7	2.0	73.0	2.0
100" (2.5)	2.8	3.4	122.0	3.0
150" (3.8)	4.2	5.1	183.0	4.0
200" (5.1)	5.6	6.8	243.0	5.0
300" (7.6)	8.5	10.2	365.0	8.0