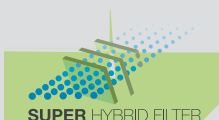


CP-X10000
CP-WX11000
CP-SX12000

INNOVATE

PROFESSIONAL SERIES INSTALLATION PROJECTORS

Uncompromising quality, flexibility of installation and extended product life are features on offer with our Professional Series Installation Projectors. Life of the product is extended considerably with virtually maintenance free inorganic LCD panels and polarizer filters. A wide lens shift and a wide variety of optional lenses provide greater range of movement and projection distances. This series also boasts superb quality with an impressive contrast ratio of 2500:1 (with Iris), a 10-bit digital signal processor and a high quality scaler chip on board.



HITACHI
Inspire the Next

Already renowned for its reliability, Hitachi unveils its most reliable and flexible Professional Series Installation Projector yet.



CP-X10000	CP-WX11000	CP-SX12000
XGA (1024 x 768)	WXGA (1366 x 800)	SXGA+ (1400 x 1050)
7500 ANSI Lumens	6500 ANSI Lumens	7000 ANSI Lumens

Reliability

High Performance Filter

Each of the Professional Series Installation Projectors features a highly efficient dust-resistant cooling system. This dramatically boosts reliability, resulting in an air filter that delivers over 10,000 maintenance-free hours. With its long-life and easy maintenance enhancements, this projector is ideal for use in retail, digital signage and other environments where the projector is in constant use.

Easy Replacement

Easy side and rear access to key components simplifies maintenance when replacements are necessary.

Easy filter replacement

A side access panel allows for quick and easy filter replacement.

Easy lamp access

A rear access panel allows for quick and easy lamp replacement.

Performance

Heightened Picture Quality

Digital processing of the video signal is 10-bit from input to output, allowing smooth and natural graduations with 1024 shades of each RGB colour. In total, each model can create 1,074 billion colours. Additionally, with its on-board high performance chip and 2500:1 contrast ratio, picture quality is boosted even further.

10-bit Signal Processing

8-bit Processing

10-bit Processing

Inorganic LCD Panels

Each model utilises three inorganic LCD panels that offer more resistance to light. This translates to longer operating life and enables installation of a stronger light source, achieving a greater level of brightness. Double speed drive coupled with LCD panels not only offers improved picture quality, but higher contrast as well.

Connectivity

Every conceivable connectivity option is covered with 2 x 15-pin Mini-D-sub, 1 x BNC (shared with component), 1 x DVI-D, 1 x HDMI (Digital RGB) as well as an RJ-45 network socket.



Installation

Wider lens shift

With Hitachi's lens shift technology, the image range of movement grows even wider. The projector can cover a total range of 2.7 screen areas vertically and 2.2 screen areas horizontally (it can shift up or down by 85% of the screen's height, and left or right by 60% of the screen's width). In auditoriums and convention halls with stationary screens, the projector can now be placed freely among any number of possible locations.

Wide lens shift WXGA model (CP-WX11000)

WXGA: Range of lens shift
Up and Down 3.5 screens.
Left and Right 2.2 screens.
Ultra short lens will be fixed at 1.1 screen at Up/Down/Left/Right

Vertical 2.3:1 ~ -1:2.3

Horizontal 10:-1 ~ -1:10

Brightness

The CP-X10000 projects at an impressive 7500 ANSI Lumens, providing sufficient performance in a variety of settings regardless of size or brightness.

Vertical projection

Images can be projected at 90 degrees up and down, opening up a whole new range of possible applications.

INNOVATE

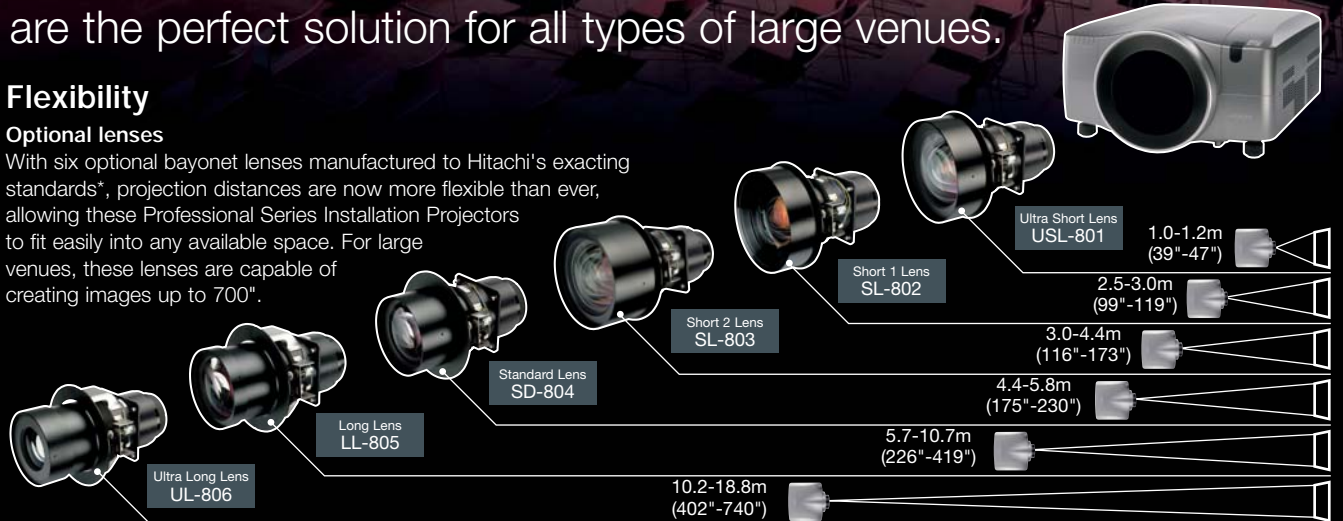
The Future of Projection

Hitachi's Professional Series Installation Projectors are the perfect solution for all types of large venues.

Flexibility

Optional lenses

With six optional bayonet lenses manufactured to Hitachi's exacting standards*, projection distances are now more flexible than ever, allowing these Professional Series Installation Projectors to fit easily into any available space. For large venues, these lenses are capable of creating images up to 700".



*If other lenses are used, Hitachi cannot guarantee 100% compatibility with the specification.

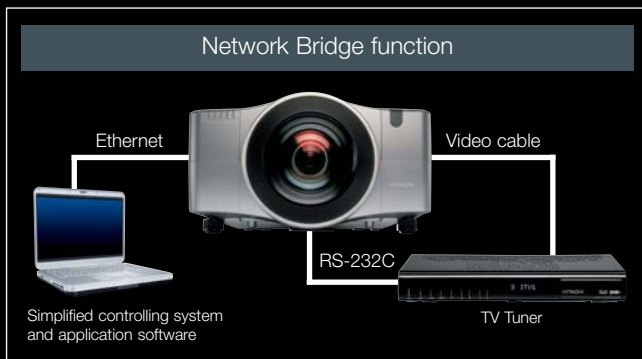
Projection distances for optional lenses when projecting on to a 100" screen.

Security

Each projector is equipped with a security bar that allows easy attachment of a security chain. In addition, all three models incorporate convenience, security and connectivity options including MyScreen, My Memory, My Button, resolution presets, blackboard whiteboard and daytime modes. MyScreen PIN-Lock, Kensington slot, transition detector and a security LED assist security.

Network Bridge function RS-232C

The Network Bridge function allows for commands to be transmitted via its LAN port to another device connected to the RS-232C output, such as an external TV Tuner or control panel. Not only does this simplify and reduce cabling and installation costs, but having individual RS-232C inputs and outputs allows you to daisy chain multiple Professional Series Installation Projectors together.



Other Features

Mechanical shutter

The shutter mechanically blocks off light, acting as a valuable tool for any presentations.

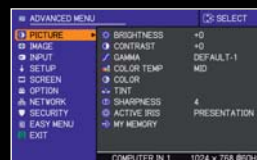
Remote control with ID change function

The accompanying remote control comes with four ID buttons. When operating multiple projectors, each ID can be changed, preventing malfunction. In addition, focus, zoom and lens shift can be adjusted via the remote control.



OSD Menu design

All models feature a new OSD menu with an intuitive interface and sophisticated design. Various functions are easily differentiated by icons, and a horizontal slide bar makes for easy operation.



Technical specifications

CP-X10000

CP-WX11000

CP-SX12000

OPTICAL						
Panel Resolution	1.3" LCD panel XGA (1024 , 768)	1.22" LCD panel WXGA (1366 , 800)	1.3" LCD panel SXGA+ (1400 , 1050)			
Brig hne	7500 ANSI L men 6000 ANSI L men	6500 ANSI L men 5200 ANSI L men	7000 ANSI L men 5600 ANSI L men			
Con ra Ra io	2500:1	2500:1	2500:1			
Len	Len i NOT incl ded	Len i NOT incl ded	Len i NOT incl ded			
Lamp	Single lamp em	Single lamp em	Single lamp em			
Lamp Life	3000 ho r (Normal Mode)/4000 ho r (Eco Mode)	3000 ho r (Normal Mode)/4000 ho r (Eco Mode)	3000 ho r (Normal Mode)/4000 ho r (Eco Mode)			
N mber of Colo r	10-bi g nal proce or, digi al gamma 12-bi	10-bi g nal proce or, digi al gamma 12-bi	10-bi g nal proce or, digi al gamma 12-bi			
COMPATIBILITY						
Comp er Compa ibili	p o UXGA (1600 , 1200) compre ed NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43	p o UXGA (1600 , 1200) compre ed NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43	p o UXGA (1600 , 1200) compre ed NTSC/PAL/SECAM/PAL-M/PAL-N/NTSC4.43			
Video Compa ibili	SDTV: 525i(480i), 525p(480p), 625i(576i) HDTV: 750p(720p@60H), 1125i(1080i@50/60H), 1125p(1080p@50/60)	SDTV: 525i(480i), 525p(480p), 625i(576i) HDTV: 750p(720p@60H), 1125i(1080i@50/60H), 1125p(1080p@50/60)	SDTV: 525i(480i), 525p(480p), 625i(576i) HDTV: 750p(720p@60H), 1125i(1080i@50/60H), 1125p(1080p@50/60)			
Pl g & Pla	DDC2B	DDC2B	DDC2B			
FEATURES						
Ba ic fea re	Free e, Magnif ing, Blank, Q ick on (4 Second), Direc po er on, A o adj men , Search	Free e, Magnif ing, Blank, Q ick on (4 Second), Direc po er on, A o adj men , Search	Free e, Magnif ing, Blank, Q ick on (4 Second), Direc po er on, A o adj men , Search			
Pic re adj men	Eq ali ing Gamma Correc ion, 2-3 p ll do n, Progre i e Scan, Noi e Red c ion	Eq ali ing Gamma Correc ion, 2-3 p ll do n, Progre i e Scan, Noi e Red c ion	Eq ali ing Gamma Correc ion, 2-3 p ll do n, Progre i e Scan, Noi e Red c ion			
Digi al ke one	Ver ical A o, Hori on al Man al	Ver ical A o, Hori on al Man al	Ver ical A o, Hori on al Man al			
Ad nced fea re	M Screen, M Memor , M B on, Blackboard/ Whi eboard mode, Da ime mode, Inp o rce naming (Engli h), Re ol ion e ing, Re ol ion Pre e and C omi e, Templa e F nc ion, IR Remo e Freq enc Change, Clo ed Cap ion , So rce Skip, Pic re b Pic re	M Screen, M Memor , M B on, Blackboard/ Whi eboard mode, Da ime mode, Inp o rce naming (Engli h), Re ol ion e ing, Re ol ion Pre e and C omi e, Templa e F nc ion, IR Remo e Freq enc Change, Clo ed Cap ion , So rce Skip, Pic re b Pic re	M Screen, M Memor , M B on, Blackboard/ Whi eboard mode, Da ime mode, Inp o rce naming (Engli h), Re ol ion e ing, Re ol ion Pre e and C omi e, Templa e F nc ion, IR Remo e Freq enc Change, Clo ed Cap ion , So rce Skip, Pic re b Pic re			
O her	Lamp door on back ide, Q ick ON, Direc ON, Direc Off, PIN-Lock, M Screen PIN-Lock, Ke pad Lock, Ken ing on lo , Tran i ion De ec or, M Te , Pa ord, Sec ri LED	Lamp door on back ide, Q ick ON, Direc ON, Direc Off, PIN-Lock, M Screen PIN-Lock, Ke pad Lock, Ken ing on lo , Tran i ion De ec or, M Te , Pa ord, Sec ri LED	Lamp door on back ide, Q ick ON, Direc ON, Direc Off, PIN-Lock, M Screen PIN-Lock, Ke pad Lock, Ken ing on lo , Tran i ion De ec or, M Te , Pa ord, Sec ri LED			
Sec ri bar and ec ri label	● ●	● ●	● ●			
Serial label on ide	MENU: Engli h, French, German, Spani h, I alian, Nor egian, D ch, Japane e, Por g e e, Simplified Chine e, Trad i onal Chine e, Korean, S ed i h, R ian, Finni h, Poli h, T rke , Dani h, C ech, Arabian, Per ian	MENU: Engli h, French, German, Spani h, I alian, Nor egian, D ch, Japane e, Por g e e, Simplified Chine e, Trad i onal Chine e, Korean, S ed i h, R ian, Finni h, Poli h, T rke , Dani h, C ech, Arabian, Per ian	MENU: Engli h, French, German, Spani h, I alian, Nor egian, D ch, Japane e, Por g e e, Simplified Chine e, Trad i onal Chine e, Korean, S ed i h, R ian, Finni h, Poli h, T rke , Dani h, C ech, Arabian, Per ian			
OSD Lang age						
CONNECTIONS						
Comp er Inp	2 , 15-pin Mini-D- b 1 , BNC (hared i h componen) 1 , HDMI (Digi al RGB)	2 , 15-pin Mini-D- b 1 , BNC (hared i h componen) 1 , HDMI (Digi al RGB)	2 , 15-pin Mini-D- b 1 , BNC (hared i h componen) 1 , HDMI (Digi al RGB)			
Moni or O p	1 , DVI-D 1 , D- b 15	1 , DVI-D 1 , D- b 15	1 , DVI-D 1 , D- b 15			
Video Inp	1 , Compo i e RCA jack 1 , S-Video jack 1 , Compo i e BNC 1 , Componen BNC (hared i h comp er) 1 , Componen RCA	1 , Compo i e RCA jack 1 , S-Video jack 1 , Compo i e BNC 1 , Componen BNC (hared i h comp er) 1 , Componen RCA	1 , Compo i e RCA jack 1 , S-Video jack 1 , Compo i e BNC 1 , Componen BNC (hared i h comp er) 1 , Componen RCA			
A dio Inp /A dio O p	-	-	-			
Con rol	1 , Serial por IN/OUT for RS232C	1 , Serial por IN/OUT for RS232C	1 , Serial por IN/OUT for RS232C			
Wired remo e con rol	●	●	●			
Wired ne ork	1 , RJ-45	1 , RJ-45	1 , RJ-45			
POWER						
Vol age	110V 120V, 220V-240V	110V 120V, 220V-240V	110V 120V, 220V-240V			
Po er con mp ion	540W	540W	540W			
PHYSICAL						
Dimen ion (W , H , D)	476 , 272 , 469mm (e cl ding fee and e r ion)	476 , 272 , 469mm (e cl ding fee and e r ion)	476 , 272 , 469mm (e cl ding fee and e r ion)			
Weigh	13.2Kg (No len)	13.2Kg (No len)	13.2Kg (No len)			
Noi e Le el	39dB (Normal Mode)/32dB (Eco Mode)	39dB (Normal Mode)/32dB (Eco Mode)	39dB (Normal Mode)/32dB (Eco Mode)			
Air Fil er	S per H brid (10,000 ho r)	S per H brid (10,000 ho r)	S per H brid (10,000 ho r)			
MISCELLANEOUS						
	Lamp, Temp, S and b , Sh er, Projec ion Image Ceiling Mo n Image	Lamp, Temp, S and b , Sh er, Projec ion Image Ceiling Mo n Image	Lamp, Temp, S and b , Sh er, Projec ion Image Ceiling Mo n Image			
ACCESSORIES SUPPLIED						
	Remo e con rol i h ba rie , Comp er cable, Po er cord, U er man al (de ail & conc i e)	Remo e con rol i h ba rie , Comp er cable, Po er cord, U er man al (de ail & conc i e)	Remo e con rol i h ba rie , Comp er cable, Po er cord, U er man al (de ail & conc i e)			
OPTIONAL ACCESSORIES						
Replacem Lamp	DT01001	DT01001	DT01001			
OPTIONAL LENSES COMPARISON TABLE						
Len name	UI ra Shor (USL-801)	Shor 1 (SL-802)	Shor 2 (SL-803)	S andard (SD-804)	Long (LL-805)	UI ra Long (UL-806)
Zoom ra io	1 : 1.2	1 : 1.2	1 : 1.5	1 : 1.3	1 : 1.8	1 : 1.8
Ke one correc ion	Up o Do n	X/SX+ WX	1 : 1 1 : 1	3.7 : -1 -1 : 3.7	2.3 : -1 -1 : 2.3	
	Lef o Righ	X/SX+ WX	1 : 1 1 : 1	13 : -1 -1 : 13	10.5 : -1 -1 : 10.5	
Di ance o creen Image i e (inche)	1 : 0.5 - 0.6 40 700	1 : 1.2 - 1.5 40 700	1 : 1.5 - 2.1 40 700	1 : 2.2 - 2.9 40 700	1 : 2.8 - 5.2 40 700	1 : 5.0 - 9.2 40 700
Image di ance (m)	@ 40"	0.4 - 0.5	0.9 - 1.2	1.1 - 1.7	1.7 - 2.3	2.2 - 4.2
	@ 100"	1.0 - 1.2	2.5 - 3.0	3.0 - 4.4	4.4 - 5.8	5.7 - 10.7
	@ 700"	7.4 - 8.7	18.0 - 21.7	21.3 - 31.2	32.0 - 41.6	41.3 - 75.6
Len leng h (mm)	241	241	276	251	258	286
Len diame er (F) (mm)	176	176	176	134	134	134
Len eigh (Kg)	4.3	4.0	3.8	3.2	3.9	3.7

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