

MULTIMEDIA PROJECTOR 3 SERIES

CP-X325

CP-X320

CP-S310

HITACHI
Inspire the Next



Total Balance Produces Total Power

MULTIMEDIA PROJECTOR
3 SERIES

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Hitachi presents a lineup of advanced projectors designed to deliver superior brightness, portability and ease of installation.

High Brightness

Incorporating a microlens-equipped 0.9-inch polysilicon active-matrix TFT LCD panel plus a bright and efficient 160W UHB lamp as the light source, the 3 Series produce unusually high levels of brightness* for extra-bright on-screen images. As a result, they allow the projection of clear detailed images even in locations where the ambient lighting level is too bright for conventional mobile projectors to operate.

*CP-S310: 1,600 ANSI Lumens; CP-X325: 1,400 ANSI Lumens; CP-X320: 1,100 ANSI Lumens

Versatile Installation Capability

Hitachi has equipped these projectors with two RGB inputs and one output and also designed the main unit for easy ceiling-hung installation. At event sites or in the education field, this combination of features allows the user to achieve more effective presentation by suspending the projector from the ceiling while simultaneously connecting it to two separate PCs. In addition, the digital keystone correction function makes it easy to compensate for any trapezoid distortion that may occur when the unit is hung from the ceiling.

Easy Portability

Although the 3 Series produce extremely bright images, they are in every sense mobile projectors. Weighing just 3.2 kg (7 lbs.), they are very easy to carry to and from meeting rooms or other presentation sites. Moreover, the standard accessory carrying case is convenient for bringing these projectors on long-distance trips by plane, train or car, etc.

Versatile
Installation
Capability

High
Brightness

Easy
Portability

MULTIMEDIA PROJECTOR 3 SERIES



CP-X325
XGA
1,400 ANSI Lumens



CP-X320
XGA
1,100 ANSI Lumens



CP-S310
SVGA
1,600 ANSI Lumens



16:9 Aspect Ratio Compatibility Allows DVD Video Playback

The 3 Series are capable of decoding the compressed signals that are employed by many pre-recorded DVD videos to convert wide-screen signals to 4:3 aspect ratio video signals and converting them back into their original 16:9 aspect ratio form. Hitachi has included this capability to make it easy to enjoy the full visual impact of dynamic wide-screen video.

4 : 3

16 : 9

Freeze Function Memorizes Video Images for Display as Still Pictures

This function helps to make presentations run more smoothly and smartly by allowing the user to prepare the next screen while displaying a still image of the previous screen. Video playback can also be stopped at any point during the presentation to produce a stable still image with almost no flicker.

Partial Expansion Function with up to 4 Times Zoom Ratio

The user can expand a section of the on-screen image for added emphasis and the zoom ratio of the expanded section can be continuously adjusted from 1x to 4x in both the length and width directions. Hitachi has also included a tuning function that allows the expanded section to be freely moved around the screen.



Digital Keystone Correction Eliminates Trapezoid Distortion

This easy-to-use function removes the trapezoid image effect that occurs when there is a difference in the relative installation heights of the screen and main unit. In addition to providing distortion-free images, digital keystone correction also improves the reproduction of edges that tend to appear notched.



A Wealth of Input Terminals

To help maximize your presentation possibilities, the 3 Series are equipped with two RGB inputs that enable simultaneous direct connection with two PCs, along with an RGB output, a USB terminal for USB mouse connection, an RS-232C terminal and a video input terminal.

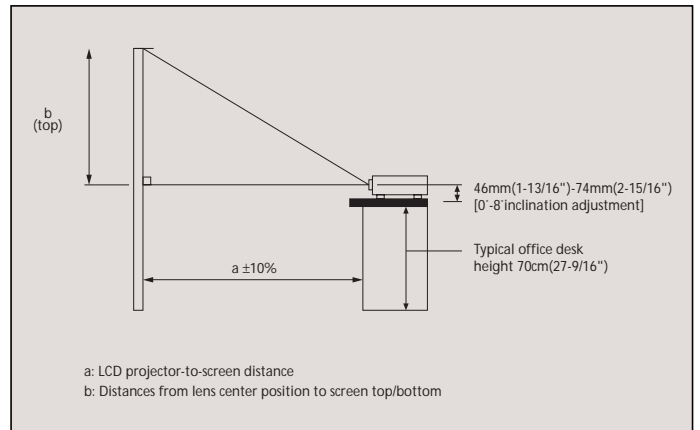


Plus All These Other Functions for Easier and More Versatile Operation

- Fine re-sizing performs automatic data compensation
- Illuminated buttons simplify operation in low-light conditions
- Sliding lens cover makes it easy to open and close the lens
- Remote controller with mouse function and laser pointer (CP-X325/CP-X320)
- Built-in stereo speaker system

Specifications			
Model name	CP-X325	CP-X320	CP-S310
Liquid crystal panel structure	0.9" polysilicon active-matrix TFT x 3 (with Micro-lens)		
Number of pixels	786,432 pixels (V768 x H1024)		480,000 pixels (V600 x H800)
Resolution	1024 x 768 color pixels		800 x 600 color pixels
Lens	Manual zoom (F=1.7-2.0) 1:1.2 Manual focus		
Lamp	160W UHB		
Brightness	1,400 ANSI lumens	1,100 ANSI lumens	1,600 ANSI lumens
Speakers	1.0W + 1.0W (stereo)		
Power supply	AC100-120V/AC220-240V		
Power consumption	250W		
Operating temperature	0-35°C (32-95°F)		
Input signals	VGA, SVGA, XGA, SXGA, MAC13", MAC16"		VGA, SVGA, XGA, MAC13", MAC16"
	NTSC, NTSC4.43, PAL, M-PAL, N-PAL, SECAM,		
Input/output terminals	Video input	S-Video: Mini DIN 4-pin terminal x 1 Composite video: RCA jack terminal x 1 Audio: RCA jack terminal x 2 (L/R)	
	RGB input	Analog RGB: D-sub 15-pin shrink terminal x 2 Audio: Stereo mini jack x 2	
	Output	Analog RGB: D-sub 15-pin shrink terminal x 1 Audio: Stereo mini jack x 1	
	Control terminal	D-sub 15-pin shrink terminal x 1	
Regulatory	Safety	UL1950, C-UL, CE, EN60950, AS/NZS3260, IEC60950	
	EMI	FCC classB, EN55022 classB, EN55024, EN61000-3-2, EN61000-3-3, AS/NZS3548	
Dimensions (WxHxD)	298 x 76 x 228mm (11.7" x 3.0" x 9.0") [excl. protruding part]		
Weight	3.2kg (7 lbs.)		
Standard accessories	Remote controller with batteries, Video/audio cable, Power cord, PS/2 mouse cable, RGB cable, Soft carrying case		

*Design and specifications are subject to change without notice.



Screen Size (Inch)	a Min	a Max	b (top)
30	1.2m (49")	1.5m (58")	0.5m (15")
40	1.6m (65")	2.0m (78")	0.6m (24")
50	2.1m (81")	2.5m (98")	0.8m (30")
60	2.5m (98")	3.0m (117")	0.9m (36")
70	2.9m (114")	3.5m (137")	1.1m (42")
80	3.3m (131")	4.0m (157")	1.2m (48")
100	4.2m (163")	5.0m (196")	1.5m (60")
110	4.6m (180")	5.5m (216")	1.7m (66")
120	5.0m (196")	6.0m (236")	1.8m (72")
150	6.2m (246")	7.5m (295")	2.3m (90")
200	8.3m (328")	10.0m (394")	3.0m (120")
300	12.5m (492")	15.0m (591")	4.6m (180")

MULTIMEDIA PROJECTOR

3

SERIES



Hitachi, Ltd. Digital Media Systems Division
(Yokohama Plant) is registered in ISO 14001.



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