

Business Projection System

RICOH
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RICOH PJ HDC5420



High Definition
up to
1080p

Projection
brightness up to
2,500lm

Six Segment
RGBRGB
Color Wheel

HDMI
Connectivity

Project real life—at home or work

No matter where you are or what device you're using, you expect experiences and technology to reflect real life. Your mobile devices capture and display images with the finest detail. Your HD television gives you a dynamic view—much like a movie-theater screen—with a wide range of hues and crisp detail. So when images and information fall flat, it gets noticed. The RICOH® PJ HDC5420 projector delivers a true high-definition visual experience—whether you're displaying movies and games on a home theater, showing educational videos at museums and science centers, or delivering presentations and videos at work. Providing high-end color technology at an affordable cost, this entry-level home theater, standard product segment projector displays images the way they were intended—with exceptionally accurate detail and life-like color.

Make a big, bold impression

To make your information truly resonate and encourage collaboration, you need to capture everyone's attention—from the front of the room to the back. The PJ HDC5420 is able to project up to 300 inches diagonally, making information crisp, clear and easy to view. Developed on a strong platform of proven technology, this projector displays true high definition (up to 1920 x 1080 dpi) along with HDMI connectivity for crystal-clear projection of information as well as movies on DVDs and Blue-ray disks without having to downscale.



Captivate with extraordinary color

A picture is worth a thousand words, right? That's because images imbed in our memory, appealing to the senses and influencing decisions. The PJ HDC5420 projector has an enhanced six-segment RGBRGB color wheel that maximizes color without artificially boosting white—resulting in deeper, richer colors and life-like natural skin tones. The projector supports multiple image and color-correction modes and adjusts to different surface colors and textures, ambient lighting conditions and video formats.



Cast information in the best light

When the lights go down, so can the clarity of the information being projected. To ensure your information is presented at its best, details and colors need to be clear—even in rooms with minimal light. The PJ HDC5420 projector offers 2,500-lumen brightness, a high contrast ratio of 9,000:1 and a standard widescreen 16:9 aspect ratio to ensure that images, video and even smaller print can be easily viewed and understood no matter where you are projecting. And with 3,000 hours of lamp life—and up to 6,000 hours in Eco Mode—you can use less energy to get your message across.



Make your message come alive

Project with confidence—anywhere, anytime

Ever notice your audience struggling to see your information from the back of the room—or worse—the front? All too often, projectors are mounted in a specific room or connected to monitors that aren't large enough to show detailed images or video. At the workplace, your IT staff typically invests in expensive large monitors dedicated to mounted projectors to accurately display the details of your presentations; this can be costly and time consuming. With the portable and standalone (non-networked) PJ HDC5420, all of these concerns go away. It can be moved to another room with a larger, more detailed display for bigger audiences—projecting images within five seconds of turning on.



Create the home theater experience—affordably

Big things don't always have to come with a big price. The PJ HDC5420 projector is an affordable solution perfectly suited to visually demanding 2D and 3D applications. It has a slightly shorter throw ratio that allows the projector to display full-sized HD images on larger screens in smaller spaces, such as media or family rooms. Through an embedded Mobile High-Definition Link (MHL), it can be connected to tablets and mobile phones for seamless streaming of movies and games. It's even affordable enough to purchase more than one projector, if needed.



Elevate, collaborate and manage

Ready to take your images and videos to the next level? Optional 3D glasses make videos and graphics as large as life, enhancing the viewing experience. In the workplace, you can integrate the projector with other Ricoh business communication systems including Ricoh interactive whiteboards, digital signage and video conferencing tools.



To view detailed features of our projection products online go to www.ricoh-usa.com/products

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SPECIFICATIONS

Model		PJ HDC5420
Projector Part Number		432085
Replacement Lamp Part Number ¹		512927
System		Single Chip DLP*
Resolution		HD – 1920 x 1080 dpi
Liquid Crystal Panel	Size	0.65"
	Aspect Ratio	16:9
White Light Output (Brightness)		2,500 lm
Color Reproduction		1,073,000,000 Colors (10 bit)/16,770,000 (8 bit)
Contrast Ratio		1,800:1
When using high contrast mode		9,000:1
Screen Size		30" to 300"
Projection Distance		27.9" – 379.5" (0.71 – 9.64 meters)
Projection Ratio		1.068 – 1.451:1
Projection Mode		Standard, Rear, Ceiling, Rear Ceiling
Lamp Type		High Pressure Mercury (260W)
Lamp Life	Standard Mode/Eco Mode	3,000 hours/6,000 hours
	Zoom Ratio	1.36
Projection Lens	Zoom/Focus	Manual/Manual
	Image Input	Mini D-sub 15 x 1
Interface	Image Output	N/A
	S-Video	Mini DIN 4 x 1
	Video In	RCA Jack x 1
	Audio Input 1	Mini Jack x 1
	Audio Input 2	N/A
	Audio Output	Mini Jack x 1
	HDMI	HDMI x 2
	PC Control	D-sub 9 x 1 (RS-232C)
	USB	N/A
	Wired LAN	N/A
	Wireless LAN	N/A
	Supported OS	Projector Management Utility
Built-in Speaker		10W Mono
Dimensions (WxDxH)		12.4" x 8.8" x 4.1" (314 x 224 x 105 mm)
Weight		6.6 lbs. (3.0 kg)
Power Consumption	While Operating	Standard Mode: 352W; Eco Mode: 280W
	Standby Network Off	Less than 0.5W
Storage & Transportation Environment		Temperature 5 ~ 40° C; Humidity: 20 ~ 80%, Non-Condensing
Fan Noise		Standard Mode: 39 dB or less; Eco Mode: 33 dB or less
Power Supply		100/240V; 50 – 60 Hz
Projector Functions		Adjuster, AV Mute, Freeze, Re-Size (Magnify), Manual Keystone (Horizontal/Vertical), Wall Color Mode, Security Bar, Kensington Lock, Eco Mode, 3D Projection Ready (for use with 3D Glasses)
Accessories Packaged with Projector	Cables	RGB VGA Cable and Power Cord
	CD-ROM	User Manual Customer Registration and Warranty Sheet (US only)
	Carrying Case	Included
	Lens Cap	Included
	Remote Control	Remote Control (CR2025 battery included)

¹ Lamps are consumable products and therefore are not covered by the projector's warranty.

Warranty: The RICOH PJ HDC5420 is under warranty against defects for a period of three years from the date of purchase. Consumables are under warranty for a period of 90 days from the date of purchase or until depleted, whichever comes first. Please refer to warranty documents shipped with the product for more details.

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