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
**Model**

<table>
<thead>
<tr>
<th>Specification</th>
<th>PJ HDC5420</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projector Part Number</td>
<td>PJ HDC5420</td>
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<tr>
<td>Replacement Lamp Part Number</td>
<td>512927</td>
</tr>
<tr>
<td>System</td>
<td>Single Chip DLP</td>
</tr>
<tr>
<td>Resolution</td>
<td>HD - 1920 x 1080 dpi</td>
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</tbody>
</table>

**Lamps**

- 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.

**Model**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid Crystal Panel Size</td>
<td>0.65&quot;</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9</td>
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<tr>
<td>White Light Output (Brightness)</td>
<td>2,500 lm</td>
</tr>
<tr>
<td>Color Reproduction</td>
<td>1,073,000,000 Colors (10 bit)/16,770,000 (8 bit)</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>1,800:1/9,000:1</td>
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<tr>
<td>Screen Size</td>
<td>30&quot; ~ 300&quot;</td>
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<tr>
<td>Projection Distance</td>
<td>27.9&quot; ~ 379.5&quot; (0.71 ~ 9.64 meters)</td>
</tr>
<tr>
<td>Projection Ratio</td>
<td>1.068 ~ 1.451:1</td>
</tr>
<tr>
<td>Projection Mode</td>
<td>Standard, Rear, Ceiling, Rear Ceiling</td>
</tr>
<tr>
<td>Lamp Type</td>
<td>High Pressure Mercury (260W)</td>
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<tr>
<td>Lamp Life</td>
<td>3,000 hours/6,000 hours</td>
</tr>
<tr>
<td>Projection Lens</td>
<td>1.36</td>
</tr>
</tbody>
</table>

**Interface**

- **Image Input**: Mini D-sub 15 x 1
- **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
- **Power Supply**
  - **AC 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
- **Carrying Case**: Included
- **Lens Cap**: Included
- **Remote Control**: Remote Control (CR2025 battery included)

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