Ricoh
PJ X4240N/
PJ WX4240N

Business Projection Systems

Lens	Projection brightness up to
Short Throw	**3,000lm**

Compatible	3D Projection
PC/Mac	**Blu-ray**

Interactive teaching gets a closer look

Get closer to the action and enhance student interaction with the compact RICOH® PJ X4240N/ PJ WX4240N projection system. Use it to project large screen presentations in high-definition from close distances to maximize impact and classroom space — while minimizing instructor distractions. The short-throw projection system significantly reduces glare and shadows, so instructors can conduct interactive presentations with more clarity and more student participation. Presenters can take advantage of its exceptional image quality, advanced connectivity, intuitive controls and flexibility. Mount the projector, place it on a table's edge as a standalone system, or add it to your total print and visual communications fleet to reduce costs and improve efficiencies for your institution.
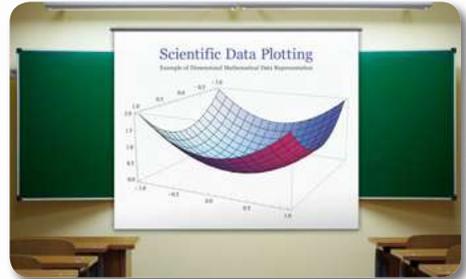
Make an impact

Energize presentations and show videos with vibrant colors and high-definition clarity without glare or excessive noise. The Ricoh PJ X4240N/ PJ WX4240N features Digital Light Processing (DLP) technology — as well as 3000 lumens brightness rating, 5000:1 contrast ratio and up to 1280 x 800 WXGA native resolution — for optimal performance in nearly any lighting conditions. Operating noise is limited to 38 decibels or less. Plus, the system features 10-watt speakers to ensure the audience hears you and your presentation — not noise from the projector.

Focused on helping instructors

The Ricoh PJ X4240N/PJ WX4240N promotes interactive instruction. Leveraging innovative, ultra-high definition lens technology, the projection system mounts easily to a ceiling or wall and allows instructors to stand closer to and point out elements on the presentation surface without blocking the projection or creating shadows. It displays crisp, clear images up to 140 inches tall from close distances. It can even produce high-quality images up to 60 inches diagonally when placed within two feet from the wall. In addition, fixed mount installation eliminates daily setup and breakdown tasks, reduces cabling, discourages theft and helps extend projector life. With the Presentation Timer feature, instructors can rehearse their presentation to ensure classes stay on schedule or use the timer as a countdown when testing.

Present with clarity, teach with confidence

Make it look easy

With automatic balancing, every image can be displayed in-focus with vivid colors in nearly any setting. Auto Brightness control simplifies set up and helps to maximize lamp life by sensing the amount of light in a room and adjusting the brightness to deliver the best image quality. The control panel is located on the top of the system for easy access, and a remote control provides easy access to advanced functions via the projected menu screens. With Eco Mode, users can also specify power settings and lamp brightness extending the life of the lamp. For larger classrooms, instructors can coordinate one presentation that can be viewed in up to four classrooms on four different projectors using the multi-screen mode. Easily identify available networked projectors using QuickProjection. A simple one-time installation using the Network Utility (included on the CD-ROM) provides fast access to all networked projectors.

Enhancements designed for you

Customization can be compelling — especially for your audience. With the optional eBeam® technology from Luidia®, presenters can transform an ordinary whiteboard or wall surface into an interactive display. A special stylus captures instructor's handwriting strokes and many systems include the ability to display pre-stored teaching templates and maps. When using the Wall Color Mode feature, the Ricoh PJ X4240N/PJ WX4240N adjusts the colors of the projected image to optimize image quality when presenting on color surfaces or chalkboards, enhancing portability.

Wall Color Mode

Connect in the classroom

The projection system offers Ethernet connectivity and compatibility with Macs and PCs so educational and training videos can be shown with ease. Carry presentations with you on USB-compliant devices or memory cards. Use the HDMI port to play movies from DVD and Blue-ray players — even those shot in 3D format. The PJ WX4240N offers wireless connectivity, so you can eliminate cables and maximize mobility from classroom to classroom. Each system allows educational administrators to manage basic tasks, change projector settings and monitor user access to streamline workflow and promote optimal energy efficiency. The Ricoh PJ X4240N and PJ WX4240N support PJLink and Ricoh @Remote service, so administrators can remotely power the unit on or off, configure settings with ease from any location and generate status and error reporting to ensure optimal efficiency and enhance projector life.

1: Infrared Remote Control Receiver
2: 10/100/1000-BaseTX Ethernet Interface
3: USB 2.0 Host Interface
4: AC In Socket
5: Computer 1 IN Port
6: Computer 2 IN/Monitor OUT Port
7: Video IN Port
8: High Definition Multimedia (HDMI) Port
9: Service Port
10: Audio IN Port
11: Audio OUT Port

Model		PJ X4240N	PJ WX4240N
Projector Part Number		430738	430741
Replacement Lamp Part Number		308991	
3D Glasses Type 2 Part Number		512511	
Projection System		Single Chip Digital Light Processing (DLP)	
Resolution		XGA – 1024 x 768 dpi (786,432 Picture Elements)	WXGA – 1280 x 800 dpi (1,024,000 Picture Elements)
Liquid Crystal Panel	Size	0.55"	0.65"
	Aspect Ratio	4:3	16:10
White Light Output (Brightness)[1]		3,000 Lumens	
Color Reproduction		1,073,000,000 Colors	
Contrast Ratio		5000:1	
Screen Size/Projection Distance		50" – 120" / 23.2" – 58.6"	60" – 140" / 24" – 58.2"
Lamp Type		High Pressure Mercury (250W)	
Lamp Life		Standard Mode: 3,500 hours; Eco Mode: 5,000 hours	
Video Compatible Signal		NTSC, PAL, SECAM, HDMI, PAL-M, PAL-60, NTSC 4.43, 60 Hz (Mono), 50 Hz (Mono)	
Analog RGB Compatible Scanning Frequency[2]	Horizontal	15 – 100 kHz	
	Vertical	23 – 85 Hz	
USB Memory Compatible File Format[3]		JPEG, MPEG2	
Projection Lens	Lens Focal Length	23.2" – 58.6" (0.59 – 1.49 m)	24.0" – 58.2" (0.61 – 1.48 m)
	Zoom Ratio	N/A	
	Zoom/Focus	Not Supported/Manual	
Projection Modes		Front (Standard), Rear, Rear Ceiling, Front Ceiling	
Interface	RGB Input	Mini D-sub 15 pin x 2	
	RGB Output	Mini D-sub 15 pin x 1 (input and change over)	
	Video Input	RCA 1 pin x 1	
	Audio Input	3.5 mm diameter stereo mini jack x 1	
	Audio Output	3.5 mm diameter stereo mini jack x 1	
	USB	USB 2.0 Type A x 1 (JPEG/MPEG)	
	Wired LAN	10/100/1000Base-TX Ethernet x 1 (RJ45)	
	Wireless LAN	N/A	IEEE 802.11 a/b/g/n compliant
	HDMI	HDMI™ Terminal x 1	
Auto Brightness Control		Yes	
Eco Mode		Yes	
Auto Keystone Correction		Yes	
3D Ready		Blu-ray 3D Projection	
Interactive Ready		Yes	
Other Primary Features		AV Mute (Blank), Freeze, Re-size (Magnify), Digital Zoom (80% - 100% Reduction), Password Protection, Wall Color Mode, Key Lock, Security Bar, Kensington Lock, User Logo, Eco Mode, Carbon Meter, Closed Captioning, Presentation Timer, Multi-screen Projection (1 PC to 4 Projectors), Digital Camera, PJLink, PC Free Presentation (JPEG/MPEG2 via USB), @Remote	
Supported Languages		Arabic, Chinese (Simplified), Chinese (Traditional), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Spanish, Swedish, Thai, Turkish	
Operating Systems	Network Utility	Windows XP SP3 (Home/Professional)*, Windows Vista SP2 (Ultimate/Business/HomePremium/HomeBasic) 32bit/64bit, Windows 7 (Ultimate/Enterprise/Professional/Home Premium) 32bit/64bit, Windows 8 (Pro) 32bit/ 64bit; Mac OS X (10.6 – 10.8)	
	JPEG Conversion Tool	Windows XP SP3 (Home/Professional)*, Windows Vista SP2 (Ultimate/Business/HomePremium/HomeBasic) 32bit/64bit, Windows 7 (Ultimate/Enterprise/Professional/Home Premium) 32bit/64bit, Windows 8 (Pro) 32bit/64bit	
	Projector Management Utility	Windows XP SP3 (Home/Professional)*, Windows Vista (Ultimate/Business/HomePremium/HomeBasic) 32bit/64bit, Windows 7 (Ultimate/Enterprise/Professional/HomePremium) 32bit/64bit, Windows Server 2008/2008R2 32bit/64bit, Windows 8 (Pro) 32bit/64bit	
Built-in Speaker		10W Mono	
Dimensions (WxDxH) (excluding protrusions)		11.69" x 9.25" x 3.93" (297 x 235 x 100 mm)	
Weight		Approx. 6.8 lb. (3.1 kg)	
Power Consumption	While Operating	Less than 316W / Eco Mode: 204W	
	Standby *N/A with network function	Less than 0.30W	
Operating Environment		Temperature: 41°F to 95°F (5°C to 35°C); Humidity: 30% to 70% (no condensation)	
Power		100 V – 240 V, 50/60 Hz	
Accessories Packaged with Projector	Cables	RGB Cable (3m) and 3-pin Power Cord (3m)	
	CD-ROM	Network Utility, JPEG Conversion Tool, Projector Management Utility, Instruction Manual, Instruction Manual for Projector Management Utility	
	Remote Control	Yes	

1: Overall mean values for product at time of shipping are indicated in accordance with the JIS X6911-2003 data projector specification format. 2: Preset to this range of supported signals. Signals not present by display even if they are within this range.
3: When using the USB terminal for computer-free presentations, there is no guarantee images will display. They may not display because of the file. 4: Not supported on 64-bit version.

Warranty: The Ricoh PJ Series 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.

For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.

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PJLink   DLP   @Remote

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