Business Projection System

RICOH
PJ X4241N/
PJ WX4241N

RICOH

imagine. change.

Projection
brightness up to
3,300 lm

**HDMI
Connectivity**

**Dual
Network
Connectivity**

Compatible
PC/Mac

Short-throw projection brings you closer to your audience

You want your students to be engaged, to see the big picture and to learn. But first, you have to get their attention — and keep it. With the RICOH® PJ X4241N/PJ WX4241N, you can do it all by projecting brilliant, high-quality images, movies, training videos and more in almost any classroom with nearly any kind of lighting. Because it's designed specifically for short-throw projection, you can place the projector closer to the screen to eliminate shadows, glare, cables and other distractions. When you pair it with an optional interactive kit, you can transform the projector into an interactive whiteboard and add critical information during presentations that students can take with them.

Keep the focus on your presentation

Create more compelling classroom interactions by getting up close and personal. With its short throw capability, the Ricoh PJ X4241N/PJ WX4241N can be placed as close as 23 inches from the screen and can project precise images up to 400 inches diagonally. This means you can stand closer to the screen and clarify specific information in your presentation without casting a distracting shadow or facing the bright glare of the projector's light. Students won't be distracted by a tangle of cables, hot air or noise thanks to forward-facing connections, controls and exhaust. And whether you use the projector on a table's edge or mount it in the ceiling, you can take advantage of its 360-degree projection angle to ensure your projected display is exactly where you want it, and your presentation remains the center of attention.

Collaborate with your audience

You want everybody to learn in your classroom. Shouldn't that include you? Make it easier for your audience to share its ideas with the Ricoh PJ X4241N/PJ WX4241N. Add the optional interactive kit and transform your projection into an interactive, editable whiteboard where any user can highlight key information using specialized digital pens. With drawing software, it's easy to embed clean, precise shapes or lines around key areas of your presentation to personalize it on the fly for each audience. You can even add discussion notes, or hand a pen to a participant in the room and have them add their own insights for a true interactive experience.

Collaborate with clarity and consistency

Make presenting look easy

Spend more time presenting with the Ricoh PJ X4241N/PJ WX4241N and less time learning how to use it. Your presentation begins moments after you turn it on; when it's done, the device can shut down automatically without residual noise. Use the presentation timer to keep your meeting on schedule. Access all controls on the top of the device or use the convenient remote control to operate it manually without blocking the projection. No need to worry about fiddling for the perfect image. The projector balances itself and uses Keystone Auto Correction to minimize vertical distortion and enhance image quality. Auto Brightness Mode delivers hands-free brightness level adjustments to complement the level of ambient room lighting. You can even adjust the colors of projected images to compensate for the color of the projection surface.

Deliver the right message

It's not enough to simply share your knowledge. You have to share it when your audience needs it — in the format they prefer. The Ricoh PJ X4241N/PJ WX4241N has the same lens technology as a digital SLR camera, so you can showcase sharp, vivid images with up to WXGA (1280 x 800 dpi) resolution. Connect it to DVD or Blu-Ray players using the HDMI port for large-screen movies and training videos, even in MPEG4 or 3D formats. It has a brightness rating of 3,300 lumens and a 13,000:1 contrast ratio, so your audience can see every detail in breathtaking clarity.

Monitor your information to keep your budget in check

Anybody can use the Ricoh PJ X4241N/PJ WX4241N — and it fits almost any budget. Because the projector features Digital Light Processing (DLP), it requires less heat and energy to produce crisp, clear and bright projections. Settings can be controlled remotely via PJLink, so administrators can configure settings, check status and even power the unit on or off remotely to simplify tasks for inexperienced presenters. With Eco Mode, power settings and lamp brightness can be preset to extend lamp life and help reduce operating costs. Use multi-screen mode to show the same presentation with four different projectors in four different locations at the same time.

Ricoh PJ X4241N/PJ WX4241N

SYSTEM SPECIFICATIONS

Specifications		PJ X4241N	PJ WX4241N
Projector Part Number		432011	432012
Replacement Lamp Type 17 Part Number		512822	
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]		3,300 lm	
Color Reproduction		1,073,000,000 Colors	
Contrast Ratio		13000:1	
Screen Size/Projection Distance		50" – 400"/23.2" – 200"	60" – 400"/24" – 169.6"
Lamp Type		High Pressure Mercury (250W)	
Lamp Life		Standard Mode: 3,500 hours; Eco Mode: 5,000 hours	
Video Compatible Signal		NTSC, PAL, SECAM, PAL-M, PAL-N, 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, MPEG4	
Projection Lens	Lens Focal Length (from projection window to the screen)	0.27" (6.96 mm)	
	Zoom Ratio	N/A	
	Zoom/Focus	Zoom: N/A; Focus: Manual	
Throw Ratio		0.58	0.47
Projection Modes		Front (Standard), Rear, Rear Ceiling, Front Ceiling, 360° Tilt Free	
Interface	RGB Input	Mini D-sub 15 pin x 1	
	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	10BASE-T/100BASE-TX/1000BASE-T x 1 (RJ45)	
	Wireless LAN	N/A	IEEE 802.11 a/b/g/n compliant
	HDMI	HDMI™ Terminal x 1	
Other Primary Features		AV Mute (Blank), Freeze, Re-size (Magnify), Auto Keystone Correction (vertical), Digital Zoom (80% – 100% Reduction), Password Protection, Wall Color Mode, Key Lock, Security Bar, Kensington Lock, User Logo, Multi-screen Projection (1 PC to 4 Projectors), Eco Mode, Automatic Brightness Control, Carbon Meter, Closed Captioning, Color Universal Design, Presentation Timer, Blu-Ray 3D Projection Ready, Timer Set On/Off, Interactive Ready, Projector Management, Digital Camera, Simultaneous with Wired and Wireless (PJ WX4241N only), Miracast (PJ WX4241N only), Crestron, AMX and DLNA Compatible, Firmware Update, PJLink, PC Free Presentation (JPEG/MPEG2/MPEG4 via USB)	
Supported Languages		Arabic, Chinese (Traditional), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Spanish, Swedish, Thai, Turkish	
Operating Systems	Network Utility	Windows Vista SP2 (Ultimate/Business/HomePremium/HomeBasic) 32/64bit; Windows 7 SP1 (Ultimate/Enterprise/Professional/HomePremium) 32/64bit; Windows 8 Pro/Enterprise 32/64bit; Windows 8.1 Pro/Enterprise 32/64bit; Mac OS X (10.7 – 10.10)	
	JPEG Conversion Tool[4]	Windows Vista SP2 (Ultimate/Business/HomePremium/HomeBasic) 32/64bit; Windows 7 SP1 (Ultimate/Enterprise/Professional/HomePremium) 32/64bit; Windows 8 Pro/Enterprise 32/64bit; Windows 8.1 Pro/Enterprise 32bit/64bit	
	Projector Management Utility[4]	Windows Vista SP2 (Ultimate/Business/HomePremium/HomeBasic) 32/64bit; Windows 7 SP1 (Ultimate/Enterprise/Professional/HomePremium) 32/64bit; Windows Server 2008 SP2 32bit/64bit; Windows Server 2008R2 SP1 64bit; Windows 8 Pro/Enterprise 32/64bit; Windows 8.1 Pro/Enterprise 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: 209W	
	Standby (Network Off)	0.3W	
	Standby (Wired Network On)	Less than 1.4W	
Operating Environment		Temperature: 41° F to 95° F (5° C to 35° C); Humidity: 30% to 70% (no condensation)	
Fan Noise		Standard Mode: 38 dB or less; Eco Mode: 32 dB or less	
Power		100 V – 240 V, 50/60 Hz	
Options	PJ Interactive Kit Type 2	Includes digital pen*, projector module, PC module, CD-ROM (drawing software), manual, USB cable (for charge) and remote license key *Optional digital pen only available	
	PJ 3D Glasses Type 2	Includes 3D glasses and manual	
Accessories Packaged with Projector	Cables	RGB Cable (3m) and 3-pin Power Cord (3m)	
	CD-ROM	Instruction Manual, Network Utility, JPEG Conversion Tool, Projector Management Utility, Instruction Manual for Projector Management Utility	
	Manuals	Read This First, Start Guide, Warranty Sheet and Customer Registration	
	Soft-side Carrying Case	N/A	
	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, images may not display for certain file size or type. File must be jpeg or select video format. [4] Not supported on 64-bit version.

Open SSL acknowledgment: This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (http://www.openssl.org/). This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com).

Warranty: The Ricoh PJ Series is under limited warranty against defects in material and workmanship 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 consumables.

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