

Business Projection System

RICOH PJ XL4540/ PJ WXL4540

RICOH
imagine. change.



Semiconductor
laser light
source

Up to
20,000
hours light source

**XGA and
WXGA**
resolution

Projection
brightness up to
3,200lm

Make a long-lasting impression with laser precision

You want to make a great first impression. But why stop there? With the RICOH® PJ XL4540/PJ WXL4540, you can showcase your best messages in breathtaking colors with clarity and incredible consistency for up to 20,000 hours without maintenance. Use it in corporate or educational settings — such as training rooms, classrooms and conference centers — to project larger-than-life images, graphs, presentations, videos and more. Designed with state-of-the-art semiconductor laser light source technology instead of high-pressure mercury lamps, you can project for extended periods without taxing the device. Plus, it offers brighter, more vivid colors than most LED hybrid projectors. Use this high-end, short-throw device to get closer to your audience. You can place it within 50 inches of the wall or screen without compromising image quality or projection size.

Use lasers to showcase your brightest ideas

Make your messages stand out by displaying them in the best light. Because it uses a semiconductor laser light source, the PJ XL4540/PJ WXL4540 can run continuously without the overheating and maintenance issues that can plague lamp-operated projection systems. You'll see the difference immediately. Project high-definition images at optimal brightness, with up to 3,200 lumens, in only three seconds. It shuts down just as quickly — without the distracting residual noise. In addition, you'll never need to replace lamps again. You can project images continuously with a light source life of up to 20,000 hours.



Deliver your message clearly

Sometimes, the smallest details make the biggest difference. With the PJ XL4540, you can project at up to 1024 x 768 dpi XGA resolution with a 4:3 aspect ratio so every student has a clear view of every detail every time. For even greater clarity with WXGA resolution at up to 1280 x 800 dpi, choose the PJ WXL4540 and project in 16:10 widescreen format. Both options offer an amazing 13,000:1 contrast ratio in High Contrast Mode to highlight even the subtlest differences from more than one billion colors for incredible visuals, even in rooms with minimal ambient lighting.



Keep the focus on your image — and the environment

Give your audience exactly what they want

You've learned that there's a time and a place for everything. Use the PJ XL4540/PJ WXL4540 to share critical information when your students and clients need it most, in the format they prefer. Take advantage of multiple input terminals to connect to your choice of multimedia devices. Present charts and graphs from your laptop. Or, project live-action videos, movies and more from DVD and Blu-ray players. Add impressive audio via an embedded 10-watt speaker. For larger classrooms, auditoriums and training centers, connect to external speakers so every participant, from the first row to the last, hears every word. You can also add optional Luidia eBeam® software to turn any wall into an interactive display.



Get closer to your audience

Use the PJ XL4540/PJ WXL4540 to make your lesson plans, training videos, images and other presentations the center of attention. Bring the lightweight projector with you from one presentation to the next, or mount it to the ceiling and present with confidence and quality at up to a 100-inch diagonal screen size on almost any surface. When you're in a smaller room, or simply want to stay out of the way, place the short-throw projector on the edge of the desk or table within 50 inches of the screen and project at up to 80 inches with amazing quality. You can present without blocking views or casting shadows, so your audience can stay focused on your message.



Take responsibility and take charge

Because the PJ XL4540/PJ WXL4540 is mercury-free, it's a better choice for the environment because it eliminates the need for lamp maintenance and lamp disposal. With its laser light source technology, the projector is ready when you are, hour after hour. No IT support is necessary. Use the handy remote control to navigate your presentation with ease. Make adjustments and focus clearly with a single touch. With Wall Color Mode, you don't even have to worry about the projection surface. The projector adjusts colors and images to complement the color of your projection surface automatically.



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

RICOH PJ XL4540/PJ WXL4540

SYSTEM SPECIFICATIONS

Model		PJ XL4540	PJ WXL4540
Projector Part Number		432109	432110
System		Single Chip DLP®	
Resolution		XGA – 1024 x 768 dpi	WXGA – 1280 x 800 dpi
Liquid Crystal Panel	Size (inch)	0.55"	0.65"
	Aspect Ratio	4:3	16:10
White Light Output (Brightness)		3,000 Lumens	3,200 Lumens
Contrast Ratio		Up to 13,000:1	
Screen Size (Diagonal)		56.4 – 100"	69.4 – 100"
Projection Mode		Front, Front Ceiling, Rear, Rear Ceiling	
Projection Distance (from rear of unit to projection surface)		27.9" – 49.2" (0.71 – 1.25 m)	30.7" – 44.1" (0.78 – 1.12 m)
Throw Ratio		0.617	0.521
Light Source		3.5 W Laser x 19 pcs	
Color Reproducibility		1,073,000,000 Colors	
Light Source Life	Standard Mode	20,000 Hours	
	Eco Mode	20,000 Hours	
Projection Lens	Lens	Fixed	
	Keystone	Vertical: +/- 10 degrees	
	Shift/Method	N/A	
	Zoom Ratio	N/A	
	Zoom/Focus	Fixed/Manual	
Interface	Input Signals	NTSC, PAL, SECAM, HDTV, EDTV, SDTV	
	Input Interfaces	HDMI x 2	
		VGA x 1	
		Composite x 1	
		RS232C x 1	
		Audio In x 1	
	Output Interfaces	Audio In R x 1/Audio In L x 1	
		Microphone x 1	
		VGA x 1	
		Audio Out x 1	
	Network Interfaces	N/A	
	Other Interfaces	N/A	
Supported OS	Advanced Network Utility	N/A	
	JPEG Conversion Utility	N/A	
	Projector Management Utility	N/A	
Built-in Speaker		10 W	
Dimensions (WxDxH)		15" x 12.1" x 3.3" (383 x 308 x 85 mm)	
Weight		12.2 lbs. (5.5 kg)	
Power Source		100/240 V; 50 – 60 Hz	
Power Consumption While Operating	Standard Mode	Standard 330 W	
	Eco Mode	Eco 210 W	
	Standby Mode	Less than 0.5 W	
Storage & Transportation Environment		Operational Temperatures : 41° to 104°F (5° to 40°C), 5% to 95% humidity (non-condensing) Storage Temperatures : -4° to 140°F (-20° to 60°C), 20% to 80% humidity (non-condensing)	
Fan Noise	Standard Mode	36 dB or less	
	Eco Mode	32 dB or less	
Features		AV Mute (Blank), Freeze, Re-size (Magnify), Wall Color Mode, Security Bar, Kensington Lock, User Logo, Eco Mode, 3D Projection Ready, Firmware Update (RS232C), Auto Power Off, High Altitude Mode, Tilt Adjustment Feet	
Supported Utilities		N/A	
Included with Projector		CD-ROM with user manual, Quick Start Guide, RGB Cable, Power Cord, Lens Cap, Warranty sheet and registration (US only), Remote Control and batteries	

Warranty: The RICOH PJ XL4540/PJ WXL4540 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.

- | | | |
|---------------------------|------------|-------------|
| 1 Picture | 5 Auto Set | 10 Menu |
| 2 Input | 6 Volume | 11 Enter |
| 3 AV Mute | 7 Magnify | 12 Keystone |
| 4 Directional Select Keys | 8 Eco Mode | 13 Aspect |
| | 9 Freeze | 14 Power |



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