Projectors

PJ X4240N
PJ WX4240N

Short Throw Projectors for maximum flexibility

Brightness
3000 lumens

Connectivity
HDMI

Display Colours
1,073 million

Ricoh Short Throw projectors:
Bringing a personal touch to big screen presentations

The Ricoh PJ X4240N and PJ WX4240N make lessons and presentations more engaging and memorable. Combining short throw lenses and a ground-breaking 'Rear Front' design, the network projectors bring a personal touch to learning and collaboration.

A short throw distance makes them perfect for easy interaction. Because the projectors can be placed 60 centimetres from the screen, everyone benefits. The teacher or presenter can stand at the front without being blinded by the light; and the audience enjoys a clear, shadow-free view of large images up to 140 inches in size.

An optional interactive kit adds even more possibilities. Easy to set up and install, it turns any surface into an interactive whiteboard. Use the wireless digital pen to write on-screen or to navigate and control software applications – at the board or as you move around the room.

To ensure you have your audience's undivided attention, all interfaces and vents are on the front of the projector facing the screen. This is neater and minimises distractions, such as heat and noise.

An unobstructed view

A short throw distance minimises problems with glare and shadows when interacting with presentations. For added flexibility, the projectors can be wall or ceiling-mounted above the screen.

Memorable lessons

Easy on the eyes

Either desktop or ceiling mounted, the PJ X4240N and PJ WX4240N are perfect for anyone who like to stand at the front and interact with a presentation. The ability to place the projectors as few as 60 centimeters from the screen (on the PJ WX4240N) reduces the problem of lamp glare and on-screen shadows. It also makes them ideal for small meeting or classrooms.

Clutter-free meetings

Ricoh's ground-breaking 'rear front design' and the option of wireless connectivity on the PJ WX4240N eliminate clutter. Because power and AV connections are at the front of the projectors, there is no need to run cables across the desk surface. Front-facing fan vents direct heat and noise away from the audience to help minimise distractions.

Simpler interaction

Teachers, trainers and business users can take presenting to the next level with Ricoh's optional Interactive Kit. Simple to set up and operate, it lets you interact with and control presentations and software applications from anywhere in the room. Alternatively, use it as an interactive whiteboard to write and save handwritten notes in a lesson or brainstorming session.

Built-in flexibility

Extra connectivity adds flexibility and control. Presentations can be delivered from a PC, USB storage and even digital camera. Or they can be sent from a network PC to four projectors at once. Remote management lets you monitor and manage projectors centrally and gives detailed information on usage and lamp life.

Putting you centre stage

Ricoh's network-enabled short throw projectors are available in XGA and WXGA versions. For maximum flexibility, the widescreen model has both wired and wireless LAN connectivity.

The PJ X4240N and PJ WX4240N are packed with features to help you deliver attention-grabbing lessons and business presentations, from bright 3000 lumens output to clear sound from the built-in speakers.

Short throw lenses and Ricoh's ergonomic rear-front design ensure that your audience focuses on the message not the medium. Even in small and well lit rooms.

Thanks to the projectors' time-saving automatic controls and easy management, you can do the same. Images are automatically adjusted to remove any distortion and optimised to suit ambient light levels and the colour of the projection surface. There is even a built-in timer to ensure lessons and presentations don't over-run.

For maximum flexibility, the projectors can be ceiling or wall-mounted and are future-proof, with support for 3D and interactive presentations.

PJ X4240N: Wired

RESOLUTION
1024 X 768

ASPECT RATIO
4:3

SCREEN SIZE
50-120"

DISTANCE FROM SCREEN
0.59-1.49m

PJ WX4240N: Wireless

All the benefits of the PJ X4240N plus:

RESOLUTION
1280 x 800

ASPECT RATIO
16:10

SCREEN SIZE
60-140"

NETWORK
WIRELESS

Standard Features

Network connectivity

Network-ready
The PJ X4240N has a wired LAN interface as standard. The PJ WX4240N has both wired and wireless connectivity.

Designed for short distance

Short Throw
Short throw lenses let you display an 80-inch image when just 80 centimetres from the screen (on the PJ WX4240N). This lets you enjoy big screen presentations even in small meeting rooms. To save space and minimise obstructions, projectors can be wall or ceiling-mounted.

Rear front design
Ricoh's unique 'rear-front' design maximises the benefits of table front operation by placing interfaces and vents on the front of the projector. This keeps the tabletop clear of cables and improves comfort, as fan noise and hot air is directed away from the table.

Auto image optimisation

Automatic brightness control
Another Ricoh innovation, Automatic Brightness Control optimises image quality whatever the lighting conditions. Adjusting brightness in line with changing light levels can also extend lamp life and reduce carbon emissions.

Automatic keystone correction
Any distortion caused by projecting at an angle to the screen is corrected automatically.

Security built-in

Password protection & key lock
The projector can be protected with a password to restrict access and prevent unauthorised use. A useful key lock function prevents mistakes while operating the projector.

Kensington lock and security bar
An integrated Kensington lock and security bar help prevent the removal and theft of devices.

Eco-efficiency

Standby mode
Standby mode reduces power consumption to less than 0.30W for lower energy bills.

Eco mode
Users can make further savings by selecting Eco Mode to lower lamp brightness. This reduces energy consumption and can extend lamp life by up to 40%, from 3,500 to 5,000 hours.

Carbon meter
A useful meter helps businesses track and record carbon emissions related to projector use.

Integrated features

Integrated speaker
Built-in 10 watt speakers provide crisp clear audio and remove the need for additional audio equipment.

Presentation Timer
A digital timer ensures presentations don't over-run. It can be displayed discretely in the corner during a presentation or full-screen during Q&A.

Wall colour correction
The PJ X4240N and PJ WX4240N can adjust the colour of a projected image to compensate for the projection surface used, such as a whiteboard, blackboard or coloured wall.

User logo function
The ability to display a company logo when the projector starts up or when there is no signal demonstrates ownership and creates a more welcoming environment.

Future-proof

3D-ready
3D presentations can be viewed using optional PJ 3D glasses.

Interactive kit
The DLP chip used in PJ X4240N and PJ WX4240N is interactive-ready. All you need to convert a projection screen, or even a bare wall, into an interactive whiteboard is Ricoh's optional Interactive kit.

Complete control:
PJ X4240N and PJ WX4240N

The Ricoh PJ X4240N and PJ WX4240N offer network connectivity, superior device management and the convenience of PC-free presentations.

Network connectivity

The PJ X4240N and PJ WX4240N have wired LAN interfaces built-in, giving you more control and the flexibility to deliver presentations over the network. From within the room or remotely. Another useful feature is the ability to send the same content from one PC to up to four network projectors simultaneously.

Wireless freedom

The widescreen PJ WX4240N has the added benefit of wireless networking. This lets you communicate with the projector via a wireless router or hub (Infrastructure Communication Mode) or directly with the device (Adhoc Communication Mode). In this way you can enjoy wireless connectivity even if there is no LAN access point in the classroom or meeting room.

A downloadable network utility simplifies wireless set-up. To connect a computer and projector, just load the program and enter a passcode. You don't even need to choose between Adhoc or Infrastructure mode: it's all done automatically.

PC-free presentations

The PJ X4240N and PJ WX4240N incorporate a USB port for PC-free slideshows, with thumbnail previews for easy content selection.

The feature works with USB memory devices and Ricoh or Pentax digital cameras and supports JPEG and MPEG2 formats for still and moving images. Ricoh software can be used to save Microsoft PowerPoint slides as JPEGs.

Projector management

PJLink Projector Utility

Utility software supplied with the PJ X4240N / PJ WX4240N let you manage multiple projectors on a network and includes the ability to apply LAN settings and turn devices on and off remotely. Because the software is compatible with PJ Link, a standardised open protocol established by the Japan Business Machine and Information System Industries Association (JBMIA), you can also control other brands of network projector.

@Remote compatibility

To ensure the smooth running of projectors, the @ Remote remote diagnostics service monitors network projectors remotely over the internet providing operating status reports.

This service is not available in some countries.

iPad Integration with Ricoh Smart Presenter

Ricoh Smart Presenter is a free software app that lets you use an iPad to control a presentation and share PDF material.

At its simplest, Ricoh Smart Presenter lets you take advantage of the wireless connection between a PJ WX4240N and iPad to deliver a PDF presentation without the complication of cables. Alternatively, a connection can be made using a VGA cable.

Easy interaction

The Ricoh PJ Interactive Kit turns any projection surface into an interactive whiteboard for more engaging lessons and improved collaboration in business meetings.

The DLP chips used in the Ricoh PJ X4240N and PJ WX4240N incorporate new technology from Texas Instruments that lets you use a digital pen to interact with projected images. You can use the pen like a mouse to control applications, scroll, point and click; or to draw and write on presentations or blank pages. Notes can be erased with the pen, deleted, printed or saved.

The interactive capability can be activated whenever you wish. All that's needed is the optional Interactive Kit. This includes wireless modules for the PC and projector, drawing software and a battery-powered digital pen.

Perfect for the classroom, the kit is easy to set-up and clutter-free. With wireless communication between the pen and computer, just one cable is needed to link the notebook to the projector. No calibration is required, even if you move the projector to a different room. And the pen can be used to write directly on the screen or remotely, giving you the freedom to move around while delivering a lesson or presentation.

Specifications:

		PJ X4240N	PJ WX4240N
Projection system		Single chip DLP	
	pixels	786,432 (1024×768)	1,024,000 (1280×800)
	Panel size	0.55 inch	0.65 inch
	Aspect	4:3	16:10
	Analog RGB signal Real	XGA (1024×768), SVGA (800×600), VGA (640×480)	WXGA (1280×800), XGA (1024×768), SVGA (800×600), VGA (640×480)
	Analog RGB signal Compression	UXGA (1600×1200), SXGA (1280×1024), WXGA (1280×800)	UXGA (1600×1200), SXGA (1280×1024)
	Input signal	NTSC,PAL,SECAM,PAL-M,PAL-60,NTSC4.43,60Hz (Mono),50Hz (Mono)	
	Analog RGB frequency (Horizontal)	15-100 Hz	
	Analog RGB frequency (Vartical)	23-85Hz	
Lamp		High-Pressure mercury lamp 250W	
Lamp life /(Eco)		3500/ (5000)	
Projection screen size		50-120 inch	60-140 inch
Projection distance		0.59-1.49 m	0.61-1.48 m
Speaker		10W mono	
Connection terminal	Computer 1 IN	Mini D-SUB15pin x 1	
	Computer 2 IN (Monitor IN / OUT)	Mini D-SUB15pin x 1	
	Video	RCA_1pin x 1	
	Audio IN	Mini Jack x 1	
	Audio OUT	Mini Jack x 1	
	Control (Serial)	USB-TYPE-minB x1	
	HDMI	HDMI x 1	
	USB	TYPE-A x 1	
	LAN	RJ-45 x 1 (Compatible with 10BASE-T/100BASE-TX/1000BASE-T)	
	Wireless LAN	N/A	Compatible with IEEE 802.11a/b/g/n
Mainframe Color		Intelligent gray, Piano black	
Resolution		1024x768 (XGA)	1280 x 800 (WXGA)
Color reproducibility		1,073,000,000	
Brightness		3,000 lm	
Contrast ratio		5000:1	
Focus		Manual	
External dimensions (WxDxH) - Excluding protruding parts		297×235×100	
Weight		3.1 kg	
Conditions for usage environment		Temp: 5°C to 35°C, Relative humidity: 30% to 70%	
Power source		100-240V 50/60HZ	
Exhaust vent		Front	
Projector mode		Standard, Rear, Ceiling, Rear ceiling	
High atitude mode		Under 2500 meters (Other region) - Under 2000 meters (China)	
Adjuster		Front :2 (Adjustable) Rear:1 (Fix)	
Major function	AV Mute (Blank)	AV Mute (Blank), Freeze, Re-size (Magnify), Auto keystone, Digital zoom (Reduction), Password protection, Wall Color Mode, Key lock, Security bar, Kensington lock, User logo, Multi screen (1 PC to 4 projectors), Eco mode, Automatic brightness control, Carbon meter, Closed captioning, Color Universal Design, 3D projection (Ready), Presentation timer, Interactive ready (Point blank), Projector management, Projection Server, Digital Camera (Ricoh & PENTAX), @Remote, PJ link	
PC free presentation	Slide show	Still image/Animation	
	Thumbnail	Yes	
	Compatible format for USB memory	JPEG, MPEG2	
	File extension for USB memory	[.jpg], [.JPG], [.jpeg], [.mpeg], [.MPEG], [mpg], [MPG], [m2ts], [m2t], [M2TS], [M2T]	
Wireless LAN	Infrastructure mode	N/A	Yes
	Ad-hoc mode	N/A	Yes
	Network authentication	N/A	WPA-PSK, WPA2-PSK
	Network encryption	N/A	WEP, TKIP, CCMP (AES)
Supported OS	Network Utility software	WindowsXP SP3 (Home/Professional), Windows Vista SP2 (Ultimate/Business/HomePremium/HomeBasic) 32bit/64bit, Windows7 (Ultimate/Enterprise/Professional/Home Premium) 32bit/64bit Windows8 (Pro) 32bit/ 64bit Mac OS X (10.6-10.8)	
	JPEG conversion software	WindowsXP 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	WindowsXP 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	
	Intaractive software	WindowsXP SP3 (Home/Professional), Windows7 SP1 (Ultimate/Enterprise/Professional/HomePremium) 32bit/64bit	

RICOH
imagine. change.