

Ultra Short Throw Projector

**RICOH**  
imagine. change.

**RICOH**  
**PJ WX4152**  
**PJ WX4152N**  
**PJ WX4152NI**



11.7cm from  
the wall for  
48" image

WXGA  
Resolution

3500 Lumen

48-80"  
images

3.0kg

TableTop  
Desk & Floor  
Projection

## Present with confidence, without distractions

Use the RICOH® PJ WX4152, PJ WX4152N and PJ WX4152NI (PJ 4152 Series) to ensure nothing gets between what's on your mind and what's on the big screen. Place the ultra-short throw projector within centimeters of the display surface and showcase crisp, compelling high-quality presentations, videos, images and more at up to 80 inches diagonally without shadows, glare or other distortions. Use innovative 360-degree projection to project downward onto floors or tables, sideways, or onto smoked glass surfaces to give every member of your audience the best view every time. Take advantage of its lightweight, portable design and wired or wireless connectivity to bring your best ideas closer to your audience wherever they are. You can even use it to transform static presentations on conventional screens into interactive collaborations to enhance your message in real time.

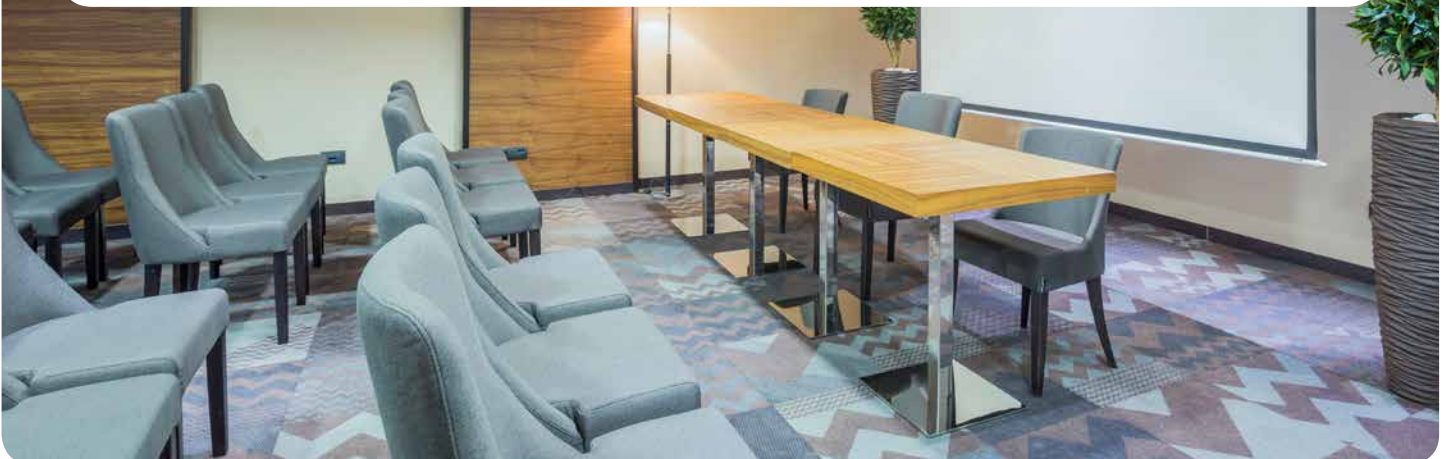
### Find clarity right in front of you

Make your presentation the center of attention for every audience in every room — even those where space is at a premium. Place the PJ 4152 Series just centimeters away from any flat surface for large high-definition displays featuring 1280 x 800 WXGA resolution. Take advantage of 3,500 lumens and dynamic contrast ratios up to 13,000:1 and share brighter images with sharper contrasts between light and dark colors even when presenting in conference rooms with excessive ambient lighting or in sunlit atriums, cafeterias, classrooms and more. Your audience will see — and hear — the presentation as intended with lifelike reproduction. Choose from multiple audio modes and customize the sound of your presentation to accommodate each presentation, room or audience.



### Add your own dynamic touch

The best ideas evolve over time. Enhance yours with feedback taken directly from your audience during your next presentation. With the PJ WX4152NI, you can use a wireless digital pen with tracking functions and automatic calibration to turn your projection into an interactive whiteboard. Add clearly legible annotations and feedback or highlight specific details on images and schematics with incredible ease and accuracy. Share your presentation with multiple audiences in multiple locations to encourage collaboration in classrooms, boardrooms and other locations. Up to 20 RICOH Interactive Whiteboards and/or Interactive Projectors can be connected to display your presentation in real time, so you can share critical information simultaneously with more people — without delay or travel expenses. You can even use a RICOH Unified Communication System to project images of the audience in each location to simplify interaction between participants.



# Bring ideas closer to the audience

## Find new ways to get attention

You may not know when the next big idea will arrive, but at least you'll know where to look for it. You can grab critical information from almost any source, including networked Macs and PCs, as well as Windows® and Android™ smartphones and tablets. When you use the PJ 4152 Series with Miracast, you can share images, photos, videos and more wirelessly, in real time, from your personal Microsoft® or Android device without cumbersome cables or network connections. Any participant can transfer images from a personal mobile device to the big screen, so everybody can see the most recent and relevant information up close. Sometimes, you may not have a computer or mobile device readily available. No problem. Simply save files to a USB memory drive and plug it into the projector to begin your presentation.



## Make convenience look easy

Don't wait for your audience to come to you. Take your next big idea to them. Use the lightweight PJ 4152 Series at training sessions, seminars, trade shows, impromptu meetings and even promotional events — whether you're in a conference room, laboratory or even a hallway. Take advantage of 360-degree projection to adjust to your surroundings, and present in any direction, without distorting images on the screen. Best of all, you can do it all yourself, without IT support. Use the convenient handheld remote control to access key features and menus at any time during your presentation. Or, use Ricoh's Web Image Monitor and embedded utility software to control administrative tasks remotely. You can even program the device to power on or off automatically so you can run your presentation to audiences whether you're there or not.



## Give your audience a better look

You can make your message more memorable by making it clearer. Project images in more than one billion colors and two million pixels at 16:10 aspect ratio (widescreen) with proven Digital Light Processing (DLP) technology. Use intuitive controls to fine-tune images so you can impress audiences whether you're sharing blueprints, 3D movies, images or even lesson plans. Or, let the PJ 4152 Series do it for you. It can detect keystone distortion and balance images automatically to ensure the best projection every time. The projector even adjusts for the color of the presentation surface, manipulating colors on screen so they're always bright and colorful. The device doesn't need to cool down, so you can take it with you as soon as you're ready.



# RICOH PJ WX4152/ PJ WX4152N/ PJ WX4152NI

## MAIN SPECIFICATIONS

### GENERAL

Projection system:	Single chip DLP
Resolution:	1,024,000 pixels (1,280 x 800)
Panel shape:	Panel size: 0.65 inch Aspect ratio: 16:10
Brightness:	3,500 lumen
Colour reproduction:	1.073 billions (10 bit)/ 16.77 millions (8 bit)
Contrast ratio:	2,000:1 (13,000:1)
Projection screen size:	48" to 80"
Projection distance:	11.7 to 24.9 cm (from rear of unit to projection surface)
Lamp:	High-pressure mercury lamp
Lamp life:	Standard: 3,500 hours (250 W) Eco: 5,000 hours (150 W)
RGB compatible signals:	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA
Input signals:	NTSC, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL-60, BW50/60Hz
Zoom ratio:	80% - 100%
Magnify:	100%, 125%, 150%, 175%, 200%
Zoom:	Digital
Focus:	Manual
Interface (all models):	Image input: Mini D-Sub 15-pin x 1, HDMI x 1, RCA pin x 1 Audio input: Mini Jack x 1 Audio output: Mini Jack x 1 Control Port (for service): USB-Type-minB x 1 (RS-232C)
Interface (PJ WX4152N/NI):	USB: Type-A x 1 (USB 2.0 High-Speed) Wired LAN: RJ-45 x 1 (10BASE-T/100BASE-TX /1000BASE-T) Wireless LAN: IEEE 802.11b/g/n compliant
Wireless LAN (PJ WX4152N/NI):	Network authentication: None, Open system, Common key, WPA-PSK, WPA2-PSK, WPA/WPA2-EAP, WPA2-EAP Network encryption: None, WEP, TKIP, CCMP(AES)
Primary features:	Mute (Blank), Freeze, Re-size (Magnify), Auto keystone (Vertical), Password protection, Blackboard mode, Key lock, User logo, Eco mode, Carbon meter, Closed captioning, Color Universal Design, 3D (Blu-ray, DLP), Image Eco (Brightness control with sensing signal), Sound mode, Simple DICOM, Presentation Timer, Power timer
Network features:	Network projection, Multi-screen (1 PC to 4 projectors), 4 in 1 projection (discussion mode), Projector management, PJ Link, PENTAX-Ricoh camera projection (USB), Web Image Monitor (setting from browser), Still image projection with DLNA server, Crestron Roomview, AMX, Wi-Fi, UPnP, Smart Device Connector, Remote Whiteboard Sharing (PJ WX4152NI)

Built-in speaker:	2W mono
Dimensions (W x D x H):	257 x 144 x 221 mm
Weight:	3 Kg
Power source:	100 - 240 V, 50/60 Hz
Projection mode:	Standard, Rear, Ceiling, Rear ceiling, TableTop

### ECOLOGY

Power consumption:	Operating power: 313 W Energy Saver timer: 208 W Standby (Non-network): 0.3 W Standby (Wired LAN): 1.4 W Standby (Wired LAN + Wireless LAN): 1.8 W
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Operating temperature:	5°C - 35°C
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Operating humidity:	30% - 70%
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### SUPPORTED OS (PJ WX4152N / PJ WX4152NI)

Network Utility Quick Projection:	Windows Vista (more than SP2) (Ultimate/Business/HomePremium/HomeBasic) 32bit/64bit, Windows 7 SP1 (Ultimate/Enterprise/Professional/Home Premium) 32bit/64bit, Windows 8 /Pro/Enterprise 32bit/ 64bit (not complied to Metro style app but desktop mode), Windows 8.1 / Pro / Enterprise 32bit/ 64bit (not complied to Metro style app but desktop mode), Windows 10 Mac OS X (10.8 - 10.10)
Projection Management Utility:	Windows Vista (more than SP2) (Ultimate/Business/HomePremium/HomeBasic) 32bit/64bit, Windows 7 SP1 (Ultimate/Enterprise/Professional/HomePremium) 32bit/64bit, Windows Server 2008 SP2 32bit/64bit, Windows Server 2008R2 SP1 64bit (standard edition), Windows 8/Pro/Enterprise 32bit/64bit, Windows 8.1 / Pro / Enterprise 32bit/64bit, Windows 10
JPEG Conversion Utility:	Windows Vista more than SP2 (Ultimate/Business/HomePremium/HomeBasic) 32bit/64bit, Windows 7 SP1 (Ultimate/Enterprise/Professional/Home Premium) 32bit/64bit, Windows 8/ Pro/ Enterprise 32bit/64bit, Windows 8.1 / Pro / Enterprise 32bit/64bit, Windows 10
Ricoh PJ interactive software (PJ WX4152NI):	Windows 7 (more than SP1) (Ultimate/Enterprise/Professional/HomePremium) 32bit/64bit, Windows 8/ Pro/Enterprise 32bit/64bit (not complied to Metro style app but desktop mode), Windows 8.1/ Pro/Enterprise 32bit/64bit (not complied to Metro style app but desktop mode), Windows 10

### CONSUMABLES

Replacement Lamp Type 11

For availability of models, options and software, please consult your local Ricoh supplier.

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[www.ricoh-ap.com](http://www.ricoh-ap.com)

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