Business Projection System

RICOH
PJ WX4152N/
PJ WX4152NI

RICOH
imagine. change.

Ultra Short Throw Projector

Projection brightness up to 3,500 lm

Tabletop, Wall or Ceiling Mount

Compatible PC/Mac

RICOH

Focus

DLP
TEXAS INSTRUMENTS

Present with confidence, without distractions

Use the RICOH® 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 inches 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.
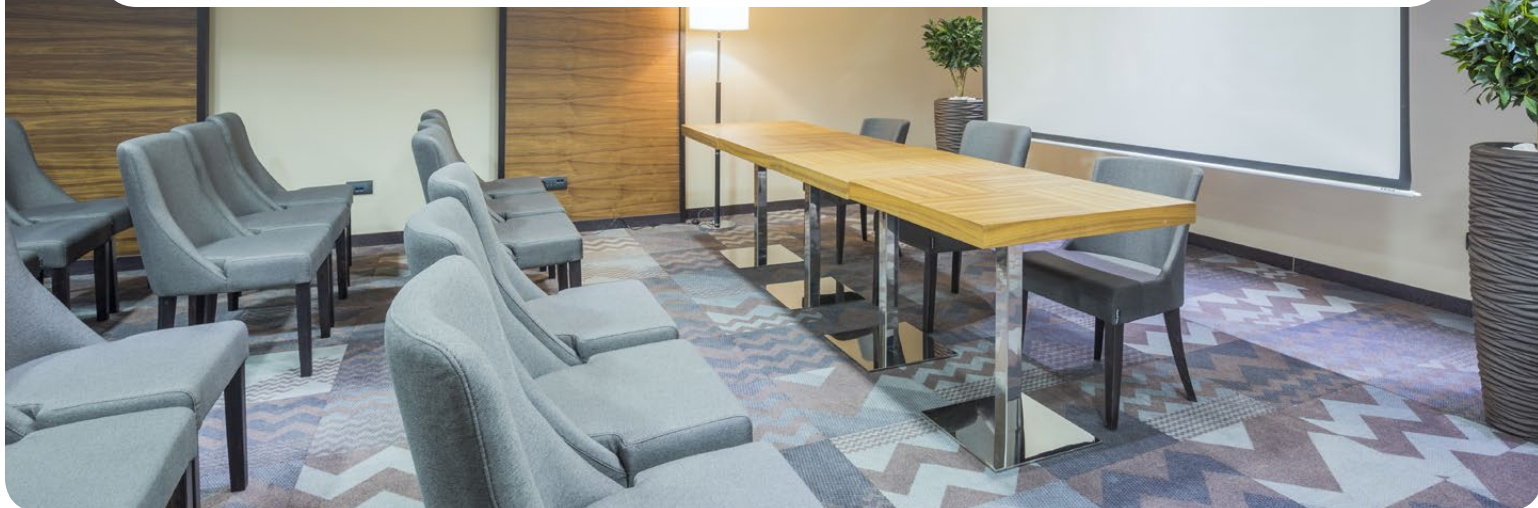
Find clarity right in front of you

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 inches 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 WX4152N/PJ WX4152NI

SPECIFICATIONS

Model		PJ WX4152N	PJ WX4152NI
Projector Part Number		432103	432104
Replacement Lamp Type 11 Part Number		512628	
Projection System		0.65" Single Chip Digital Light Processing (DLP®)	
Resolution		WXGA – 1280 x 800 dpi	
Aspect Ratio		16:10	
White Light Output (Brightness)[1]		3,500 lumens	
Color Reproduction		1,073,000,000 Colors (10 bit)/16,770,000 (8 bit)	
Contrast Ratio		13,000:1	
Projection Screen Size		48" to 80"	
Projection Distance		4.6" for 48" screen size; 6.5" for 60" screen size; 9.8" for 80" screen size	
Projection Mode		Standard, Rear, Ceiling, Rear Ceiling, Tabletop, Wall	
Throw Ratio		0.11 – 0.14	
Lamp Type		High Pressure Mercury	
Lamp Life	Standard Mode/Eco Mode	3,500 hours/5,000 hours	
Video Compatible Signal		NTSC, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL-60, BW 50/60Hz	
USB Memory Compatible File Format[2]		JPEG, MPEG1, MPEG2, MPEG4	
Projection Lens	Keystone	Auto Vertical	
	Shift/Method	None	
	Zoom Ratio	80% - 100%	
	Zoom/Focus	Digital/Manual	
Interface	Computer IN	Mini D-SUB 15-pin x 1	
	Video	RCA 1-pin x 1	
	Audio IN	Mini Jack x 1	
	Audio OUT	Mini Jack x 1	
	Control (for service)	USB Type minB x 1 (RS-232C)	
	HDMI	HDMI x 1	
	USB	USB Type A x 1; USB 2.0 High Speed	
	LAN	RJ-45 x 1 (10BASE-T/100BASE-TX/1000BASE-T)	
	Wireless LAN	IEEE 802.11a/b/g/n	
3D Ready		Yes, Blu-ray 3D Projection	
Interactive Whiteboards		NA	Standard PJ Interactive Software + Optional eBeam Packages
Other Primary Features		Simultaneous with Wired and Wireless LAN, Miracast, AV Mute (Blank), Freeze, Re-size (Magnify), Auto Keystone Correction, Auto Brightness, Password Protection, Wall Color Mode, Key Lock, Kensington Lock, User Logo, Eco Mode, Carbon Meter, Closed Captioning, Color Universal Design, Presentation Timer, Power Timer, Sound Mode (Standard/Narration/Music), Simple DICOM	
Connectivity Features		Ad Hoc and Infrastructure Wireless Modes, Network Projection, Multi-screen Projection (1 PC to 4 Projectors), 4-in-1 Projection, Projector Management, PJLink, Slide Show Mode, Pentax-Ricoh Digital Camera Projection (USB), Ricoh Web Image Monitor, Crestron RoomView compliant, AMX NetLinx compliant, Bluetooth Image Projection with DLNA Server, Wi-Fi, UpnP, Remote Whiteboard Sharing (PJ WX4152NI only), Ricoh Smart Presenter (with ad hoc connection) for Remote iPad Users, Ricoh Smart Device Connector, PC Free Presentation (JPEG/MPEG2 via USB port)	
Supported Languages		Arabic, Chinese (Traditional), Danish, Dutch, English, French, German, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Spanish, Swedish, Thai, Turkish	
Supported OS	Network Utility	Windows Vista SP2 or later 32/64 bit (Ultimate/Business/HomePremium/HomeBasic); Windows 7 SP1 32/64 bit (Ultimate/Enterprise/Professional/HomePremium); Windows 8 and 8.1 Pro/Enterprise 32/64 bit; Windows10; Mac OS X 10.8-10.10	
	JPEG Conversion Tool	Windows Vista SP2 or later 32/64 bit (Ultimate/Business/HomePremium/HomeBasic); Windows 7 SP1 32/64 bit (Ultimate/Enterprise/Professional/Home Premium); Windows 8 and 8.1 Pro/Enterprise 32/64 bit; Windows 10	
	Projector Management Utility	Windows Vista SP2 or later 32/62 bit (Ultimate/Business/HomePremium/HomeBasic); Windows 7 SP1 32/64 bit (Ultimate/Enterprise/Professional HomePremium); Windows Server 2008 SP2 32/64 bit; Windows Server 2008R2 SP1 64 bit (standard edition); Windows 8 and 8.1 Pro/Enterprise 32/64 bit; Windows 10	
	Interactive Drawing Software	NA	Windows 7 SP1 32/64 bit (Ultimate/Enterprise/Professional/HomePremium); Windows 8 and 8.1 Pro/Enterprise 32/64 bit; Windows10
Built-in Speaker		2W Mono	
Dimensions (WxDxH)		10.1" x 5.7" x 8.7" (257 x 144 x 221 mm)	
Weight		6.6 lbs. (3 kg)	
Power		100 – 240V, 50/60 Hz	
Power Consumption	While Operating	Less than 313W	
	Eco Mode	Less than 208W	
	Standby Standalone	Less than 0.3W	
	Standby Wired LAN	Less than 1.4W	
	Standby Wired LAN + Wireless LAN	Less than 1.8W	
Operating Environment		Temperature 5 ~ 35° C; Humidity: 30 ~ 70%	
Fan Noise		Standard/Eco Mode: 38/32 dB	
Accessories Packaged with Projector	Cables	RGB Cable (3m) and 3-pin Power Cord (3m)	
	CD-ROM	Operating Instructions, Network Utility, JPEG Conversion Tool, Projector Management Utility, Drawing Software (for PJ WX4152NI)	
	Soft-side Carrying Case	Supplied	
	Remote Control	Standard Handheld (with battery)	
	Interactive Kit	NA	Digital Pen, Module for PC, Chargeable Battery, USB Cable (for power charge), Interactive Software, Remote License

[1] Overall mean values for product at time of shipping are indicated in accordance with the JIS X6911-2003 data projector specification format.
[2] When using the USB terminal for computer-free presentations, there is no guarantee images will display. They may not display because of the file.

Limited Warranty: The Ricoh PJ WX4152N and PJ WX4152NI are 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.

RICOH
imagine. change.

www.ricoh-usa.com

R3619-C