Business Projection System

RICOH
PJ X3351N/
PJ WX3351N

RICOH
imagine. change.

Projection
brightness up to
3,500lm
PJ X3351N
3,600lm
PJ WX3351N

**HDMI
Ready**

**Wired/
Wireless
Connectivity**

Compatible
PC/Mac

Use cutting-edge innovation to put your ideas into focus

When you're presenting, the last thing you need is distractions. Lens glare, cables, fan noise and blowing hot air from your projector can undermine your message. You want your audience to stay focused on your presentation — not the tangle of cords or the hum of the device right next to them. Now you can with the RICOH® PJ X3351N/PJ WX3351N Desk Edge projection system. Project brilliant, high-quality images from the edge of any table or stand — and keep the projector away from audience participants. Take advantage of its intuitive controls, advanced connectivity and 360-degree viewing angle to display critical information on the wall, ceiling or floor of conference and training rooms. Add the optional interactive kit to encourage collaboration with your audience, then distribute the presentation to everybody in attendance so they can take the information they need to make faster, smarter decisions.

Transform information into inspiration

Great ideas come from many places. Use the Ricoh PJ X3351N/PJ WX3351N desk-edge projection system to grab information from almost any source, including networked Macs, PCs and your Windows® or Android™ smartphones or tablets, and turn conventional screens into interactive whiteboards. And with Miracast, you can share images and information directly from the screen of your personal Microsoft® or Android device. Or, you can present without any computer at all. Save files to a USB memory drive and plug it directly into the projector to begin your presentation. Want your message to reach even more people? Take advantage of multi-screen mode to share the same presentation from four different projectors and reach multiple groups of people simultaneously.

Make a bigger impact using less space

With the same lens technology as a digital SLR camera, the Ricoh PJ X3351N/ PJ WX3351N can showcase crisp, concise images up to 400 inches diagonally from a table's edge with less glare and fewer shadows. Its footprint is similar to a letter-sized piece of paper — which gives audience members more room to take notes and look at handouts. All connections are on the front of the device, so there are no cables, fans or heat to distract participants. Best of all, you don't have to be an expert to use it. With PJLink, administrators can power the unit on or off, configure settings and run status reports remotely to ensure everything is functioning properly.

Faster, more compelling collaborations

Manage presentations quickly and effortlessly

Use the Ricoh PJ X3351N/PJ WX3351N to make sharing your hard work the easy part. You can connect to the network through the LAN, wirelessly — or both. For example, you can use your wired secure network and have your guests access the presentation using the wireless network to protect any sensitive information. From there, the projector does the rest. You can begin presenting within seconds and the device shuts down automatically without residual noise. If images are distorted or out of focus, the projector balances itself and auto-focuses instantly. Colors are even adjusted to compensate for the color of the projection surface. For manual operation, access easy-to-reach controls on top of the projector or use the convenient remote control without distracting your audience.

Customize your presentation for almost any audience or room

You might have the right message, but are you sharing it with the right audience at the right time? Use the Ricoh PJ X3351N/PJ WX3351N to give your audience the experience they prefer. With its 360-degree, tilt-free projection, you can use it to project information on walls, showroom floors and ceilings from almost any angle. Add the optional interactive kit and you can transform your projector into an interactive smartboard that encourages audience collaboration. Add content directly to the board using a digital pen and drawing software with embedded shapes and lines.

Keep your audience captivated and your budget in check

Use the Ricoh PJ X3351N/PJ WX3351N to display extraordinary images, movies and more with up to WXGA (1280 x 800 dpi) resolution. You can connect it to DVD or Blu-Ray players for live-action displays, including 3D projections and MPEG4 formats, on a huge screen with exceptional quality. Its brightness rating reaches 3,500 lumens for XGA resolution and 3,600 lumens for WXGA resolution and has a 13,000:1 contrast ratio so your presentations explode with color and clarity even when presented in rooms with varying ambient lighting. Auto Brightness mode senses the amount of light in the room and makes adjustments automatically. With Digital Light Processing (DLP) and Eco Mode, the device requires less heat and energy. In addition, power settings and lamp brightness can be preset to extend lamp life and reduce operating costs. Take advantage of booming audio from 10-watt, built-in speakers and eliminate additional speaker costs.

Ricoh PJ X3351N/PJ WX3351N

SYSTEM SPECIFICATIONS

Specifications		PJ X3351N	PJ WX3351N
Projector Part Number		432009	432010
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]		3,500 lm	3,600 lm
Color Reproduction		1,073,000,000 Colors	
Contrast Ratio		13000:1	
Screen Size/Projection Distance		30" – 400"/26.7" – 568.2"	40" – 400"/30.3" – 481.9"
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)	0.51" x 0.77" (13.0 – 19.6 mm)	
	Zoom Ratio	1.5 Optical Zoom	
	Zoom/Focus	Supported/Automatic	
Throw Ratio		1.11 – 1.73	0.89 – 1.40
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	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, Miracast, 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 32bit/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	Interior Size: 4.7" x 14.5" x 10.6" (120 x 370 x 270 mm); Exterior Size: 5.1" x 15" x 11.4" (130 x 380 x 290 mm)	
	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 Desk Edge 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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