

Business Projection Systems

RICOH PJ WXL6280/ PJ WUL6280

RICOH
imagine. change.



Projection
brightness up to
6,000lm

Projection
screen size from
50" - 300"

Approximately
20,000
hours laser life

Choice of
5 optional
lenses

Showcase messages with laser focus precision

What good is having an audience if you don't have its attention? Use the RICOH® PJ WXL6280 and PJ WUL6280 (PJ 6280 Series) Laser Projectors to project brilliant high-definition images and videos in larger conference rooms, auditoriums, churches and other venues and captivate every audience, every time. Because it combines laser technology with the brilliance of digital light processing (DLP) projection, you can share your ideas with brighter colors and sharper lines for more lifelike representations. Run the projector longer with less heat, less maintenance and less noise, to keep everybody's focus on your message. Plus, you can take advantage of multiple PC and HDMI terminals as well as optional lenses to give your presentation with speed, ease and convenience to make it even more memorable.

Be ready to share your biggest ideas

You have big, important news to share. Why not showcase it in the best light on the big screen? Use innovative laser projection to display videos, images, spreadsheets and other presentations using 6,000 lumens, so your message can be seen clearly in almost any size room regardless of the ambient lighting conditions. Choose between two easily mounted projection systems to showcase ideas to large audiences without any training or IT support. With the PJ WXL6280, you can display widescreen WXGA images with 1280 x 800 dpi resolution in more than 1.07 billion colors with a 16:10 aspect ratio with high luminosity and 3D projection. Use the PJ WUL6280 and take advantage of more than 2 million pixels and 1920 x 1200 dpi resolution for even more lifelike reproductions without downscaling for high-definition widescreen TV signals, DVDs and Blu-ray™ images.



Make the most of any space

Where your audience sits shouldn't compromise how they view your presentation. Simply choose between five interchangeable lenses to accommodate your room, audience and presentation. From diagonal screen sizes as small as 50 inches up to 300 inches (25 feet) projections, use the PJ 6280 Series laser projectors so every person in your audience — from the first row just a few feet from the screen to the last row yards away — sees every image with incredible color and clarity. Add your choice of media source, including computers, TVs, DVDs and more and use 360-degree tilting to showcase images on floors, ceilings, angled walls and more, making the projector perfect for unique applications.



Project higher-quality laser images with ease

Turn your message into the star attraction

You're ready, and so is your audience. Make certain you're not leaving them in the dark. Once the PJ 6280 Series projection systems are mounted, you're assured of about 20,000 hours of nearly maintenance-free operation. Laser technology replaces lamps that can burn out before or during presentations. In addition, there's minimal heat emitted with laser technology. You also make less noise. Simply turn it on and images are projected in brilliant colors almost instantly. Powering down is just as easy — the image cuts to black in a moment without the drone of a device cooling down that can distract audiences from hearing your message.



Put your ideas into focus

You worked hard to craft the perfect message. Hopefully, your audience sees it the same way. The PJ 6280 Series offer more brightness and contrast to images, so there's more of a separation between dark and light colors. There's also minimal lag when watching action-packed motion on the big screen. With the convenient wireless remote control, you control the motorized lens horizontal and vertical shift, zoom and focus functions so you can fine-tune presentations in seconds. Sometimes, clarity is out of your hands entirely. With Keystone Correction Image Adjustment, images are balanced to resolve distortion issues before your audience even notices them. You can also use the Eco Mode option to adjust brightness on darker levels and use less energy without compromising image quality.



Showcase big images on a small budget

Let your audience see your presentation the way you see it, without awkward delays for buffering video. Scrambling to find and run up to 100 meters of HDMI video cables is a strain on your IT resources, as well as your budget. Take advantage of HDBaseT connectivity to show densely packed, uncompressed video in high-definition format over existing network cabling without degrading the signal or compromising image quality. When you need to control or reconfigure settings for one or multiple projectors, optional AV management software is available to make adjustments quickly from your computer or laptop.



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

RICOH PJ WXL6280/PJ WUL6280

SPECIFICATIONS

Projector Mainframe Only (excluding lens)

PJ WXL6280 Part #	432078
PJ WUL6280 Part #	432075
Projection System	Digital Light Processing (DLP) Technology
Panel Size	PJ WXL6280: 0.65" PJ WUL6280: 0.67"
Aspect Ratio	16:10
Resolution	PJ WXL6280: WXGA – 1280 x 800 dpi PJ WUL6280: WUXGA – 1920 x 1200 dpi
Size of Projected Image	Up to 50" to 300" diagonal screen
White Light Output Brightness	6,000 lumens
Light Source Type	Laser diodes
Laser Life	Approximately 20,000 hours
Lens	5 optional bayonetted lenses available. See chart below.
Lens Shift	Motorized Vertical (Up to ±50%) and Horizontal (Up to ±15%)
Zoom/Focus	Motorized
Zoom Ratios	See chart below
Keystone	+/- 20 degrees
(Vertical/Horizontal)	
Contrast Ratio (dynamic)	PJ WXL6280: 1100:1 (100000:1) PJ WUL6280: 1200:1 (100000:1)

Color Reproducibility	1.07 billion colors
Projection Modes	Standard, Rear, Ceiling, Rear Ceiling
Video Input Signals	HDTV 720p (50/60 Hz), 1080i/p (50/60 Hz), 1080p (24/25/30/50/60 Hz) SDTV 480i/p, 576i/p Up to WUXGA@60 Hz (Reduced Blanking) & UXGA@60 Hz
Supported Resolutions	Horizontal: 15-91.1 KHz; Vertical: 24-85 Hz
Scan Rate	HDBaseT x 1
Connection Terminals	HDMI x 1 Computer In x 1 Monitor Out x 1 DVI-D x 1 USB Type A x 1* YPBPR x 1 PC Control (D-sub 9 pin) x 1 Wired In/Out (3.5 mm phone jack) x 1* LAN (RJ45) x 1 Service x 1*

*For service only

Supported Utilities

PJ Link™, Crestron® and AMX** AV management software

**Compatible later in 2016

Primary Projection Features

360° Free Tilt Free, Picture-in-Picture, Picture-by-Picture, Pincushion, Portrait Mode, Security Bar, Kensington Lock, 3D Projection (Frame sequential XGA/720p only), Eco Mode, Firmware Update
19" x 20" x 7.3" (484 x 509 x 185 mm)
39.6 lbs. (18 kg) (not including lens)
100 – 240 V; 50/60 Hz
Standard Mode: 540 W; Eco Mode: 260 W or less
Standard Mode: 35 dB; Eco Mode: 33 dB
CD-ROM with user manual, RGB cable, Power cord, Warranty sheet and registration (US only), Remote control and batteries, lens mount cover

Dimensions (WxDxH)

Weight

Power Supply

Power Consumption

Fan Noise

What's in the Box

For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.

Warranty

The RICOH PJ WXL6280 and PJ WUL6280 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.

PJ WXL6280 and PJ WUL6280

Lens Features	Standard Replacement Lens Type A3 – Part # 512916	Replacement Lens Type A1 (Short Throw) – Part # 512914	Replacement Lens Type A2 (Wide Zoom) – Part # 512915	Replacement Lens Type A4 (Long Zoom) – Part # 512917	Replacement Lens Type A5 (Ultra-Long Zoom) – Part # 512918
					
Focal Length	18.07 – 22.59	11.11 – 14.06	14.03 – 17.96	22.56 – 42.87	42.60 – 80.90
F Number	2.00 – 2.32	2.30 – 2.53	2.30 – 2.57	2.30 – 3.39	2.30 – 2.74
Focus Spec (MTF)	47 lp/mm	67 lp/mm	67 lp/mm	67 lp/mm	67 lp/mm
Zoom Range (Ratio)	1.25X	1.26X	1.28X	1.9X	1.9X
Zoom and Focus Adjustment	Motorized				
Throw Ratio for PJ WXL6280	1.28 – 1.61	0.79 – 1.00	1.00 – 1.28	1.60 – 3.07	3.04 – 5.78
Throw Distance for PJ WXL6280	54" – 409" (1.38 – 10.4 m)	33" – 254" (0.83 – 6.45 m)	43" – 326" (1.08 – 8.27 m)	68" – 781" (1.72 – 19.84 m)	129" – 1,470" (3.27 – 37.35 m)
Throw Ratio for PJ WUL6280	1.22 – 1.53	0.75 – 0.95	0.95 – 1.22	1.52 – 2.92	2.90 – 5.50
Throw Distance for PJ WUL6280	52" – 389" (1.31 – 9.89 m)	32" – 241" (0.81 – 6.13 m)	40" – 310" (1.02 – 7.88 m)	65" – 743" (1.64 – 18.87 m)	123" – 1,399" (3.12 – 35.54 m)
Projection Image Size (Diagonal)	50 – 300 inch				

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Ricoh Americas Corporation, 70 Valley Stream Parkway, Malvern, PA 19355, 1-800-63-RICOH
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