Business Projection System

RICOH
PJ KU12000

RICOH
imagine. change.

High-Definition, Widescreen WUXGA

Projection brightness up to **12,000 lm**

Dual Lamp Design

HDBaseT Connectivity

Share your brightest ideas with more clarity

Your audience has gathered to see your presentation. Let them see it clearly by putting it in the best light — whether seated in the front row or standing in the back of the room. The RICOH® PJ KU12000 projection system is designed with dual lamp, 12,000 lumen brightness, so you can project clearly even in spaces with excessive ambient lighting. Use it to showcase important presentations, videos and more in auditoriums, churches, conference centers and other larger venues with crisp text and breathtaking colors for lifelike projections. Choose from six interchangeable lenses to customize projections to fit the size of the room and the needs of your audience. Connect to diverse media with ultra-reliable HDBaseT connectivity. Take advantage of 360-degree tilting to project on ceilings, angled walls and floors. Use automation to focus on getting your message across without distractions.
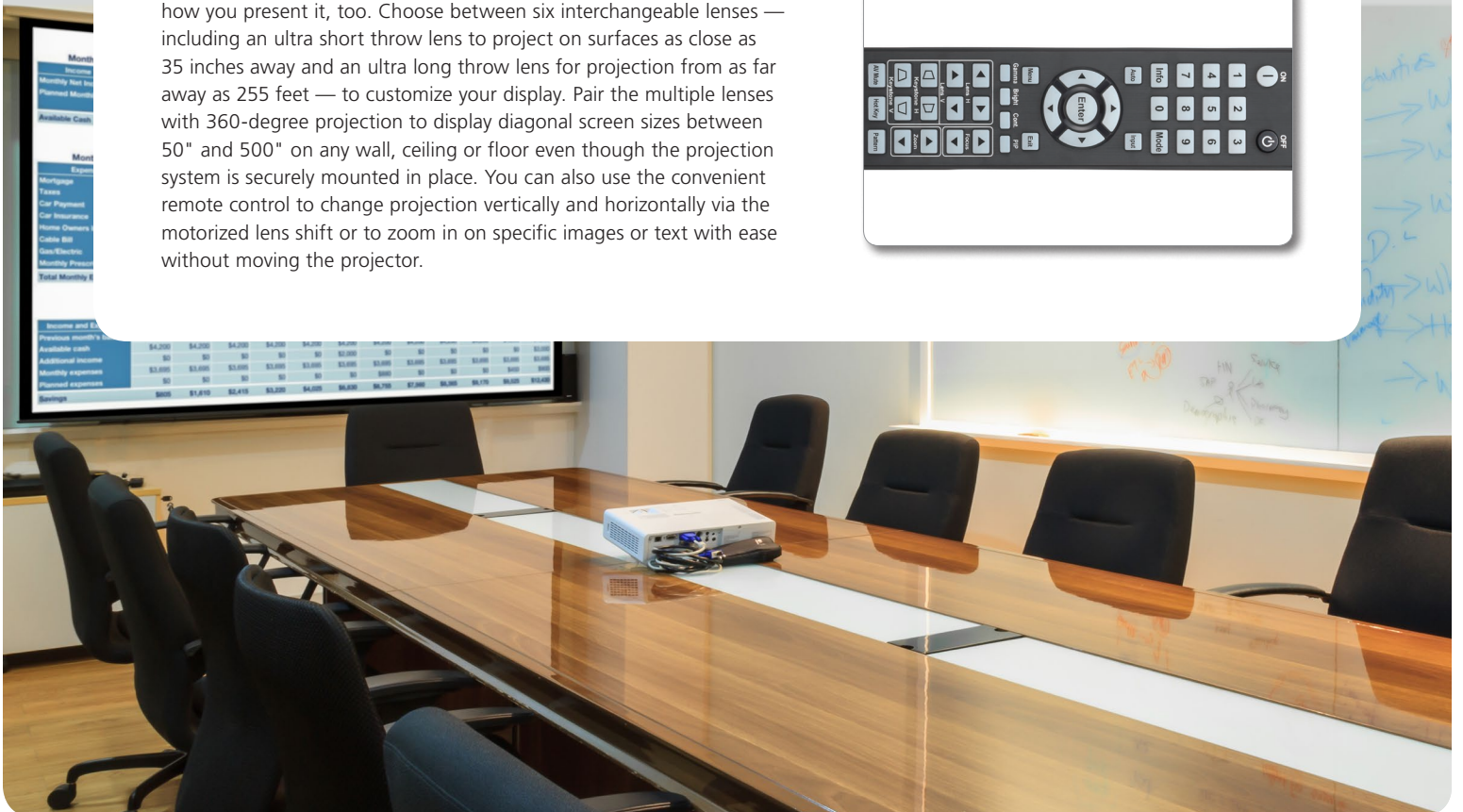
Make your points very clear

It's time to shine light on what's most important. Take advantage of dual lamps on the PJ KU12000 to present bright, colorful projections every time, including in rooms where ambient lighting is overwhelming. No need to worry about untimely burnouts. Each lamp is 6,000 lumens, so if one of them fails, you can still project widescreen WUXGA images, schematics, spreadsheets, movies and other multimedia with 1920 x 1200 dpi resolution without disruptions. Take advantage of a 5,000:1 contrast ratio for clear delineation between every line, shape and color. Choose the optional higher-grade color wheel for richer, more vivid and natural colors. Add optional high-grade filters to protect against image-degrading dust particles.

Choose how you want to fit in

You change your message for each audience. Maybe it's time you change how you present it, too. Choose between six interchangeable lenses — including an ultra short throw lens to project on surfaces as close as 35 inches away and an ultra long throw lens for projection from as far away as 255 feet — to customize your display. Pair the multiple lenses with 360-degree projection to display diagonal screen sizes between 50" and 500" on any wall, ceiling or floor even though the projection system is securely mounted in place. You can also use the convenient remote control to change projection vertically and horizontally via the motorized lens shift or to zoom in on specific images or text with ease without moving the projector.

Make a bigger impact on the big screen

Focus on what you can control

The best ideas go astray when projection goes askew. Take advantage of a wide range of easy-to-use tools to present with more confidence and less distortion. With vertical and horizontal Keystone Correction and Pincushion Correction, the projection system focuses automatically to "square up" the image. Use 4-point correction to adjust the corners of your projections for cleaner, sharper angles even when presenting on rounded or other non-standard surfaces.

Connect with your audience in a big way

Take advantage of HDBaseT connectivity to display uncompressed video and audio over existing network cabling without degrading the signal or experiencing annoying buffering delays. With its HDMI, DVI-D and VGA ports, you can connect to your favorite media sources — including computers, TVs, DVDs and more. Want your message to sound as good as it looks? Easily plug in your external sound system for a more engaging audio-visual experience.

Present, impress and save

Let the PJ KU12000 make a big impact without a big hassle. Get your message to audiences quickly by using the convenient handheld remote control to access key features and menus at any time during your presentation. Give your audience more to look at by showing multiple images simultaneously with Picture-in-Picture and Picture-by-Picture capabilities. With the Eco Mode option, you can adjust brightness levels on darker images and extend lamp life from approximately 1,500 hours up to 2,000 hours.

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

RICOH PJ KU12000

SPECIFICATIONS

Model		PJ KU12000
Projector Part Number		432091
Replacement Lamp Part Number[1]		512965
System		Single Chip DLP®
Resolution		WUXGA – 1920 x 1200 dpi
Liquid Crystal Panel	Size	0.96"
	Aspect Ratio	16:10
White Light Output (Brightness)		12,000 lm
Color Reproduction		1,073,000,000 Colors (10 bit)/16,770,000 (8 bit)
Contrast Ratio		Up to 5000:1
Screen Size (Diagonal)		See Lens Chart
Projector Mode		Standard, Rear, Ceiling, Rear Ceiling
Projection Distance		See Lens Chart
Projection Ratio		See Lens Chart
Lamp Type		Dual High-Pressure Mercury
Lamp Wattage		465W
Lamp Life	Standard Mode/Eco Mode	1,500 hours/2,000 hours
Projection Lens	Lens	Six Optional Types – See Lens Chart
	Keystone	Vertical: +/- 20 degrees, Horizontal: +/- 20 degrees
	Shift/Method	See Lens Chart/Motorized
	Zoom Ratio	See Lens Chart
	Zoom/Focus	Motorized
Interface	Input Signals	NTSC, PAL, SECAM, HDTV, EDTV, SDTV
	Input Interfaces	HDMI x 1, DVI-D x 1, VGA x 1, 5BNC x1, 3G-SDI IN x1, 3.5mm stereo female x1 (for service)
	Output Interfaces	VGA x 1, 3.5mm stereo female x1 (for service)
	Network Interfaces	RJ45 x 1 (compatible with HDBaseT), RJ45 x 1
	Other Interfaces	3D Synch x 1, USB Type A x 1(for service), USB mini-B x 1 (for service), D-SUB 9 pin RS232 port x 1
Supported OS	Advanced Network Utility	N/A
	JPEG Conversion Utility	N/A
	Projector Management Utility	Windows Server 2008, Windows Server 2008(x64), Windows Server 2008 R2(64bit), Windows 8.1, Windows 8.1(x64), Windows 8, Windows 8(x64), Windows 7, Windows 7(x64), Windows Vista, Windows Vista(x64)
Built-in Speaker		N/A
Dimensions (WxDxH)		20.5" x 23.3" x 7.6" (520 x 591 x 194 mm)
Weight		52.4 lbs. (23.8 kg)
Power Source		100/240V; 50 – 60 Hz
Power Consumption While Operating	Standard Mode/Eco Mode	1,150W/920W
Storage & Transportation Environment		Temperature 14 ~ 140˚ F; Humidity: 5 ~ 90%
Fan Noise	Standard Mode/Eco Mode	41 dB or less/38 dB or less
Features		360 degree tilt free, Portrait mode, Blending, Geometric correction, Picture-in-Picture (PIP), Picture-Beside-Picture (PBP)
Supported Utilities		Crestron, PJLink, AMX
Options		Six Lenses (See Lens Chart), Set of Three High-Grade Filters, Replacement Color Wheel Type 1
Included with Projector		CD-ROM with user manual, Quick start guide, VGA cable, DVI-HDMI adapter, Power cord, Warranty sheet and registration (US only), Remote control and batteries

[1] Lamps are consumable products and therefore are not covered by the projector's warranty.

Optional Lens Specifications	Replacement Lens Type B1 (Short Zoom) Part # 512959	Replacement Lens Type B2 (Wide Zoom) Part # 512960	Replacement Lens Type B3 (Wide Zoom) Part # 512961	Replacement Lens Type B4 (Standard) Part # 512962	Replacement Lens Type B5 (Standard Zoom) Part # 512963	Replacement Lens Type B6 (Long Zoom) Part # 512964
Focal Length	21.5 – 28.7	21.5 – 28.7	25.5 – 31.8	31.8 – 42.1	42.4 – 84.5	84.1 – 149.8
F Number	2	2	2.2	2	2.2	2.2
Zoom Ratio	1.2x	1.33x	1.25x	1.33x	2x	1.8x
Zoom and Focus Adjustment	Motorized					
Lens Shift Range	Vertical: +/-13%, Horizontal: +/-5%		Vertical: +/-60%, Horizontal: +/-25%			
Projection Ratio	0.84 – 1.02	1.02 – 1.36	1.2 – 1.5	1.5 – 2.0	2.0 – 4.0	4.0 – 7.2
Throw Distance	35.4" – 433" (0.9 – 11m)	43.3" – 578.7" (1.1 – 14.7m)	51.2" – 637.8" (1.3 – 16.2m)	63" – 846.5" (1.6 – 21.5m)	86.6" – 1,696.8" (2.2 – 43.1m)	169.3" – 3,055.1" (4.3 – 77.6m)
Projection Image Size (Diagonal)	50 – 500 inch					

Warranty: The RICOH PJ KU12000 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.

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

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