

High end projector

# RICOH PJ KU12000

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Warping and  
Blending tool

Motorised  
lens-shift

Dual-lamp

12,000 lm

Picture in  
Picture &  
Picture by  
Picture

Up to  
77.6m  
projection  
distance



## Make your points very clear

A close-up photograph of a mechanical component, likely a valve or actuator, with a central circular opening and a blue and orange label. The component is metallic and has a complex, multi-faceted design. The central opening is a circular port with a smaller, concentric circular feature in the middle. A blue and orange label is attached to the top of the central opening. The component is mounted on a base with several mounting points and a small, rectangular protrusion on the right side. The background is a plain, light-colored surface.

## Choose how you want to fit in

A black Sony remote control is shown horizontally. It features a variety of buttons including a power button, a numeric keypad (0-9), a directional pad with an 'Enter' button, and several function buttons like 'Info', 'Mode', 'Back', 'Exit', 'Pause', 'Play', 'Stop', 'Fast Forward', 'Rewind', 'Still', 'Zoom', 'Mute', 'Volume', and 'Channel'. The Sony logo is visible on the left side.





# 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.



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## MAIN SPECIFICATIONS

### GENERAL

Projection system:	Single chip DLP
Resolution:	1,920 x 1,200 pixels
Panel size:	0.96 inch
Aspect ratio:	16:10
Brightness:	12,000 lumen
Contrast ratio:	5,000:1
Projection screen size:	Depends on lens
Projection distance:	Depends on lens
Lamp:	High-pressure mercury lamp (Dual)
Lamp life:	Standard: 1,500 hours (465 W) Eco mode: 2,000 hours
RGB compatible signals:	WUXGA
Input signals:	NTSC, PAL, SECAM, HDTV, EDTV, SDTV
Zoom ratio:	Depends on lens
Zoom:	Motorized
Focus:	Motorized
Connection terminal:	D-SUB 9pin x 1 (PC Control), HDMI x 1, RJ45 (for control), TYPE-A x 1 (USB), DVI-D x 1, 3.5 mm mini Jack x1/x2, Computer In x 1, Computer OUT x 1, 3D Sync x 1, 5BNC x 1, 3G SDI IN x 1, Video IN x 1 Type-A x 1 Mini USB x 1 (for service)
USB:	Type-A x 1 Mini USB x 1 (for service)
Wired LAN:	RJ45 x 1 (compatible with HDBaseT), RJ45 x 1
Primary features:	V/H keystone, Lens shift, 360 degrees tilt-free, Portrait mode, Picture in picture, Picture by Picture Geometric correction, Blending
Network features:	PJ Link, Crestron, AMX
Dimensions (W x D x H):	520 x 591 x 194 mm
Weight:	23.8kg
Power source:	100 - 240V, 50/60 Hz

### ECOLOGY

Power consumption:	Operating power: 1,150 W Energy Saver mode: 920 W
Operating temperature:	0 °C - 40 °C
Operating humidity:	10% - 85%
Noise level:	Normal: 41dB Eco: 38 dB



### ACCESSORIES

Power cable, Read this first / Manual (Starting Guide), VGA cable, CD ROM and manual, Remote control with batteries, DVI-HDMI adapter

### CONSUMABLES

Replacement lamp Type 25, Replacement lens Type B1/B2/B3/B4/B5/B6,  
Replacement colour wheel Type 1, Replacement air filter Type 5

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

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					

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