Business Projection System

RICOH
PJ KU12000

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High-Definition, Widescreen WUXGA

Projection brightness up to 12,000 lm

Dual Lamp Design

HDBaseT Connectivity

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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