Projectors

PJ X6180N / PJ WX6170N

RICOH

Flexible, High Brightness Installation Projectors

Projection size from **30-500"**	Wired and optional wireless **LAN**
Projection brightness up to **6000lm**	Choice of 5 optional **Lenses**

The Ricoh PJ X6180N / PJ WX6170N series combines power, flexibility and low running costs.

Ricoh's versatile installation projectors meet the need for bright, engaging multimedia content in lecture halls, classrooms and conference rooms for 30 to 100 people. With an impressive 6000/5500 lumens output, the XGA/WXGA models deliver outstanding image quality under any lighting conditions and can project onto screens as large as 500 inches (diagonal).

The network projectors are packed with features, from the lens shift function to keystone correction, with the flexibility to fine-tune devices to suit any environment. There is even a choice of five swappable lenses so that you can optimise your device for a specific location or adapt it as your needs change; and a money-saving Eco Mode that lets you extend lamp-life by a third for lower running costs.

PJ X6180N / PJ WX6170N

☑ Projects onto screens from 30 to 500 inches in size.

☑ Optional wireless network connectivity for flexible positioning.

☑ A choice of five versatile lenses for any installation.

☑ Keystone correction rectifies image distortion.

☑ Vertical / horizontal lens shift changes projection without moving the projector.

☑ 360 degree installation angle allows vertical projection.

Key features:

The Ricoh PJ X6180N / PJ WX6170N combines versatile connectivity with the ease of use and simple management demanded by businesses, schools, universities, hospitals, museums and conference centres.

Excellent image quality

High brightness
The PJ X6180N (XGA, 1024 x 768) and PJ WX6170N (WXGA, 1280 x 800) deliver 6000 and 5500 lumens output respectively and a contrast ratio of 2000:1 for exceptional brightness and clarity in all light conditions.

Video & images
With 10 Bit video processing, the projectors are ideal for graphics and moving images.

Image correction
Keystone correction and geometric control eliminate image distortion even when projecting onto curved and irregular surfaces.

Network Connectivity

USB and Ethernet
The projectors come with a choice of PC connectivity options including a USB port and network port. Network connectivity lets you stream still and moving images to the projector over a LAN and control and manage devices remotely.

Optional Wireless
Optional WiFi wireless LAN connectivity offers the convenience and flexibility of a wireless connection to the projector.

Choice of Lens

Interchangeable lenses
With a choice of five lenses, including ultra-short throw and 2x zoom options, you can specify the PJ X6180N/PJ WX6170N with the optimum lens for your requirements. And if they change you can easily swap lenses.

Remote Management

Network Control
Software supplied with the devices lets you manage multiple projectors on a network and includes the ability to apply LAN settings and turn devices on and off remotely.

Multi-vendor support
Because the software is compatible with PJ Link, it can be used to control other brands of projector too. The PJ X6180N/PJ WX6170N are also compatible with Crestron RoomView and AMX Beacon remote management solutions.

Choice of Connections

High definition
The PJ X6180N / PJ WX6170N features a wide variety of input and output terminals for maximum flexibility, including both DisplayPort and HDMI terminals for connecting high definition devices via a single cable.

Low Energy Consumption

Eco Mode
A user selectable Eco Mode lets you cut energy consumption and reduce maintenance requirements.

Specifications:

PJ X6180N / PJ WX6170N

		PJ X6180N	PJ WX6170N
System		3 LCD	
Resolution		XGA 786,432 pixels (1,024 x 768)	WXGA 1,024,000 pixels (1,280 x 800)
Luminous flux (brightness)		6,000lm	5,500lm
Contrast ratio		2,000:1	
Lens		5 optional lenses	
Lamp	Lamp type	Mercury lamp (standard mode: 330W, eco mode: 264W)	
	Lamp life	Standard mode 3,000 hours, eco mode 4,000 hours	
Zoom / Focus		Manual	
Input signals		NTSC, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL-60	
Supported Resolutions		480p/60; 576p/50; 720p/60; 720p/50; 1080p/60; 1080p/50; 480i/50; 576i/50; 1080i/60; 1080i/50; 1920x1200 (WUXGA) - 640x480 (VGA)	
Analog RGB compatible scanning frequency		Horizontal: 15 - 108 kHz (RGB: 24 kHz - 108 kHz); Vertical: 48 - 120 Hz	
Interface	Image input	D-Sub 15-pin x 2, 5BNC x 1, RCA x 1, S-Video x 1, HDMI type A x 1, Display port x 1	
	Image output	D-Sub 15-pin x 1	
	Audio input	3.5MM stereo mini pin jack x 3, RCA (L/R) x 2	
	Audio output	3.5MM stereo mini pin jack x 1	
	USB	Type-A x 1 (USB 2.0 High-Speed)	
	Wired LAN	RJ45 (10BASE-T/100BASE-TX/1000BASE-T x 1)	
	Wireless LAN	Optional IEEE 802.11a/b/g/n compliant	
	Control	D-SUB9 x 1	
	Other	Input for wired remote control	
Built-in speaker		10W mono	
Dimensions (W x D x H)		499 x 359 x 144MM (without lens and feet)	
Weight		Approx. 7.7kg (without lens)	
Fan noise [dB (A)]		38dB in standard mode, 31dB in eco mode	
Power consumption	While operating	Standard mode: 464W or less, Eco mode: 372W or less	
	In standby	Standby: 0.2W	
Accessories packaged with projector		Remote control, RGB cable, power code, quick setup guide, remote mouse receiver, CD-ROM (user manual, network utility, JPEG conversion software, projector management utility).	
Standard price		Price set by retailer	

The above specification table refers to the projector mainframe only (excluding Lens).
Please select a lens from one of the following 5 options:

Optional lens types		Standard Lens (Zoom Lens)	Replacement Lens Type 1 (Short throw Lens)	Replacement Lens Type 2 (Zoom Lens)	Replacement Lens Type 3 (Zoom Lens)	Replacement Lens Type 4 (Zoom Lens)
Screen size (performance guarantee range)		40-500inch (40-200inch)	40-150inch (60-150inch)	30-500inch (40-200inch)	60-500inch (60-200inch)	60-500inch (80-200inch)
Light output	PJ X6180N	6000lm	4500lm	4700lm	4900lm	4700lm
	PJ WX6170N	5500lm	3900lm	4100lm	4200lm	4100lm

PJ X6180N Screen size	PJ Standard Lens Type 1	PJ Replacement Lens Type 1	PJ Replacement Lens Type 2	PJ Replacement Lens Type 3	PJ Replacement Lens Type 4	PJ WX6170N Screen size	PJ Standard Lens Type 1	PJ Replacement Lens Type 1	PJ Replacement Lens Type 2	PJ Replacement Lens Type 3	PJ Replacement Lens Type 4
30"	–	–	0.7 – 0.9	–	–	30"	–	–	–	–	–
40"	1.2 – 2.4	0.6	0.9 – 1.2	–	–	40"	1.3 – 2.5	0.7	1.0 – 1.3	–	–
60"	1.8 – 3.7	1.0	1.4 – 1.9	3.6 – 5.8	5.7 – 8.7	60"	1.9 – 3.8	1.0	1.5 – 2.0	3.8 – 6.1	5.9 – 9.1
80"	2.4 – 4.9	1.3	1.9 – 2.5	4.8 – 7.8	7.6 – 11.6	80"	2.6 – 5.1	1.4	2.0 – 2.6	5.1 – 8.2	8.0 – 12.2
100"	3.0 – 6.1	1.6	2.4 – 3.2	6.0 – 9.7	9.6 – 14.6	100"	3.2 – 6.4	1.7	2.5 – 3.3	6.3 – 10.2	10.0 – 15.4
120"	3.7 – 7.4	2.0	2.9 – 3.8	7.3 – 11.7	11.5 – 17.6	120"	3.9 – 7.7	2.1	3.1 – 4.0	7.6 – 12.3	12.1 – 18.5
150"	4.6 – 9.2	2.5	3.7 – 4.8	9.1 – 14.7	14.4 – 22.0	150"	4.8 – 9.7	2.6	3.8 – 5.0	9.6 – 15.4	15.2 – 23.1
200"	6.1 – 12.3	–	4.9 – 6.4	12.2 – 19.6	19.3 – 29.4	200"	6.5 – 12.9	–	5.1 – 6.7	12.8 – 20.6	20.3 – 30.9
240"	7.4 – 14.8	–	5.9 – 7.7	14.7 – 23.6	23.2 – 35.3	240"	7.8 – 15.5	–	6.2 – 8.0	15.4 – 24.7	24.4 – 37.1
300"	9.2 – 18.5	–	7.4 – 9.6	18.4 – 29.5	29.1 – 44.2	300"	9.7 – 19.4	–	7.7 – 10.1	19.3 – 30.9	30.5 – 46.5
400"	12.3 – 24.7	–	9.8 – 12.8	24.6 – 39.4	38.8 – 59.0	400"	13.0 – 25.9	–	10.3 – 13.4	25.8 – 41.3	40.7 – 62.0
500"	15.4 – 30.8	–	12.3 – 16.0	30.7 – 49.2	48.6 – 73.8	500"	16.2 – 32.4	–	12.9 – 16.8	32.2 – 51.7	51.0 – 77.6

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