

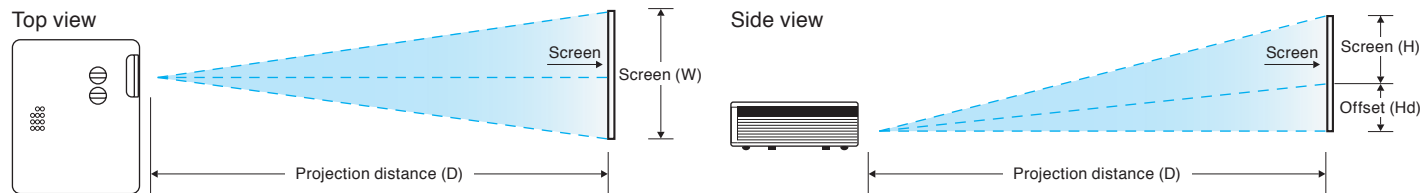
Specifications

| Model name | | PJ WXL5860 | PJ WUL5860 | |
|---|---------|--|--|-----------------------|
| Projection system | | DLP | DLP | |
| Chip size | | 0.65" | 0.48" | |
| Brightness | | 4,700lm | 4,000lm | |
| Contrast ratio | | 100,000:1 | 100,000:1 | |
| Aspect ratio | | 16:10 | 16:10 | |
| Light source | | Laser | Laser | |
| Light source life time | | 20,000h(*) | 20,000h(*) | |
| Projection size | | 30-300inch | 29-303inch | |
| Projection distance | | 1.0-7.2m | 1.0-7.9m | |
| Throw ratio | | 1.113-1.523 | 1.21-1.59 | |
| Resolution | | 1,280 x 800(WXGA) | 1,920 x 1,200(WUXGA) | |
| Color reproduction | | 1,073,000,000 | 1,073,000,000 | |
| Focus | | Manual | Manual | |
| Zoom ratio | | 1.36 | 1.3 | |
| Lens shift | | Vertical +12.4% | Vertical +10% | |
| Keystone | | Vertical/Horizontal ±30° | Vertical/Horizontal ±30° | |
| Four corners correction | | Support | Support | |
| Dust proof | | IP6X | IP6X | |
| Interfaces | Input | Computer | Mini D-SUB15pin x1 | Mini D-SUB15pin x1 |
| | | HDMI1 | HDMI(1.4) x1 | HDMI(1.4) x1 |
| | | HDMI2/MHL | HDMI(2.0)/MHL(2.2) x1 | HDMI(2.0)/MHL(2.2) x1 |
| | | Video | RCA(Yellow) x1 | RCA(Yellow) x1 |
| | | Audio1 | 3.5mm mini jack x1 | 3.5mm mini jack x1 |
| | Output | Audio2 | 3.5mm mini jack x1 | 3.5mm mini jack x1 |
| | | Computer | Mini D-SUB15pin x1 | Mini D-SUB15pin x1 |
| | Control | Audio | 3.5mm mini jack x1 | 3.5mm mini jack x1 |
| | | Wired LAN | RJ45 x1 | RJ45 x1 |
| | Others | PC control | RS232C x1 | RS232C x1 |
| USB | | USB Type A x1 | USB TypeA x1 | |
| USB (FW update) | | USB micro B x1 | USB micro B x1 | |
| Noise(standard/eco) | | <34db/<33db | <34db/<33db | |
| Dimension (WxDxH mm) without feet | | 337 x 265 x 108 | 337 x 265 x 108 | |
| Weight | | <5kg | <5kg | |
| Environment condition | | Temperature: 0°C~40°C Humidity: 0-85%(non-condensing) | Temperature: 0°C~40°C Humidity: 0-85%(non-condensing) | |
| Power supply voltage | | 100-240V 50/60HZ | 100-240V 50/60HZ | |
| Maximum power consumption(standard/eco) | | 300W/230W@110V, 300W/225W@220V | 300W/230W@110V, 300W/225W@220V | |
| Stand by power consumption | | <0.5W | <0.5W | |
| High altitude mode | | Support | Support | |
| Speaker | | 8W x2 | 8w x2 | |

(*)Running time until the initial brightness reduces to 40%.
(Life time varies depending on usage conditions and environment.)

Projection distance

| Screen size (inch) | PJ WXL5860 | | Offset (Hd/m) | | Screen size (inch) | PJ WUL5860 | | Offset (Hd/m) | |
|--------------------|------------|------|---------------|------|--------------------|------------|------|---------------|------|
| | Wide | Tele | Min | Max | | Wide | Tele | Min | Max |
| 60 | 1.44 | 1.97 | 0 | 0.10 | 60 | 1.56 | 2.05 | 0 | 0.08 |
| 80 | 1.92 | 2.62 | 0 | 0.13 | 80 | 2.08 | 2.74 | 0 | 0.11 |
| 100 | 2.40 | 3.28 | 0 | 0.17 | 100 | 2.61 | 3.42 | 0 | 0.13 |
| 120 | 2.88 | 3.94 | 0 | 0.20 | 120 | 3.13 | 4.11 | 0 | 0.16 |
| 150 | 3.60 | 4.92 | 0 | 0.25 | 150 | 3.91 | 5.14 | 0 | 0.20 |
| 200 | 4.79 | 6.56 | 0 | 0.33 | 200 | 5.21 | 6.85 | 0 | 0.27 |
| 300 | 7.19 | - | 0 | 0.50 | 303 | 7.90 | - | 0 | 0.41 |



* The above appearances and specifications are subject to change without notice.
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RICOH
imagine. change.

RICOH Compact Laser Projectors

RICOH
PJ WXL5860
PJ WUL5860

- ✓ High resolution WXGA and WUXGA
- ✓ 4,700/4,000lm laser projector
- ✓ 20,000h maintenance free
- ✓ Compact and portable design



RICOH
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Lens shift



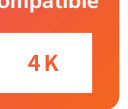
IP6X Dust-proof design



HDMI2.0



4K signal compatible



Compact for Everyday, Standard Throw Use

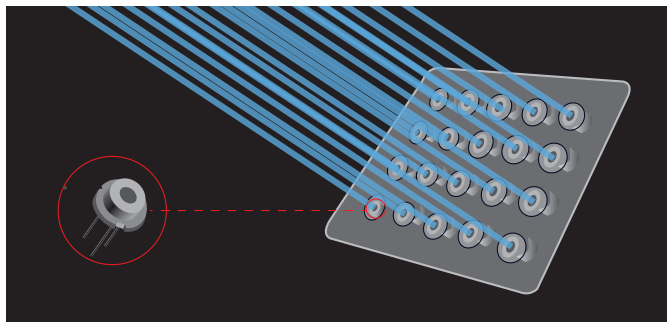


Compact and Portable Design

At just 4.3 kg (WXL5860 model) and 4.6kg (WUL5860 model) and with a footprint barely bigger than a laptop, RICOH Compact Laser Projectors provide a versatile, everyday standard-throw solution for smaller presentation spaces, that can easily be moved from room to room.

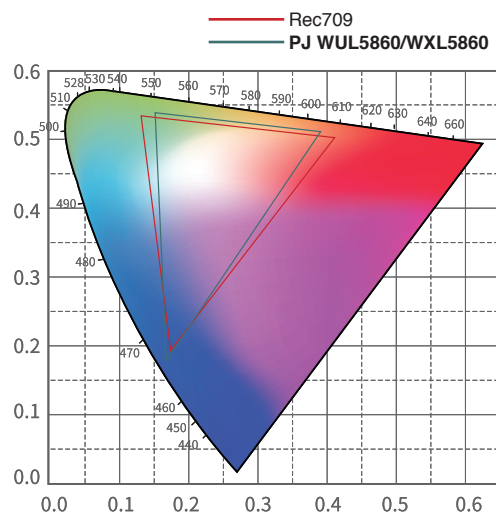
Multi-Module Laser Light Source

The multi-module structure laser light source supports continuous operation for 7 x 24 hours and outputs a stable brightness of 4000-4700lm (subject to model). The laser beam is produced by multiple laser diodes, increasing reliability. It offers three laser power modes: Normal, Eco, and Image ECO. The Image ECO mode can dynamically adjust power consumption based on image brightness, extending the life of the laser diode.



High Image Quality and Wide Colour Gamut

These DLP projectors use RICOH's unique NCE natural colour gain technology, efficiently covering over 97% of the Rec.709 colour gamut range and delivering natural and realistic colours.

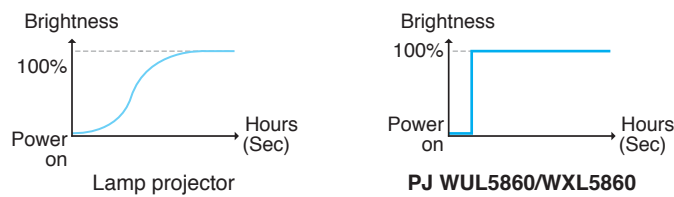


20,000 Hour-Long Life

The laser light source has a long life of 20,000 hours, which is 6-7 times the life of a typical projector bulb source.

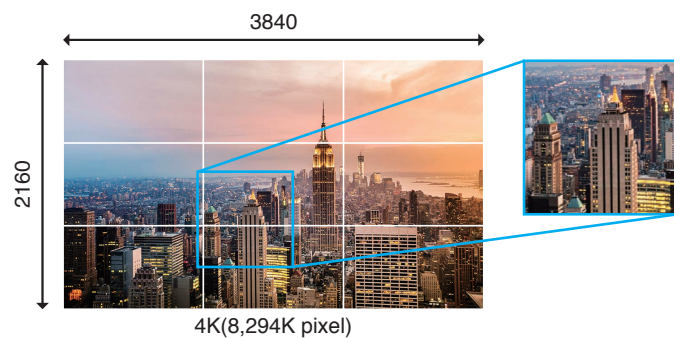
Quick start-up

Full brightness is achieved within seconds of turning the projector on. The light will also turn off as soon as the unit is powered off.



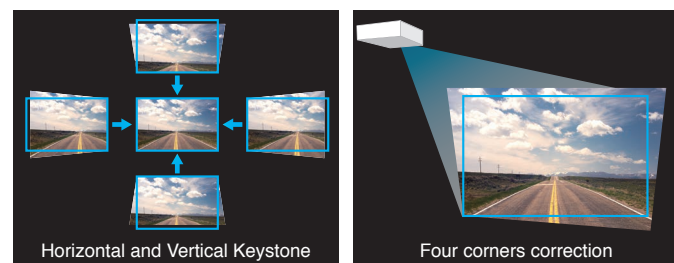
4K Signal Compatible Display

The PJ WUL5860/ PJ WXL5860 models are compatible with 3840x2160HZ, which means they can directly play 4K resolution format audio and video content.



Horizontal and Vertical Keystone/ Four Corners Correction

Complex or uneven installation surfaces can cause distortion of the image. The four corners correction function can adjust each corner of the projection screen separately, supplemented by horizontal and vertical keystone adjustment, delivering a rectangular final image.



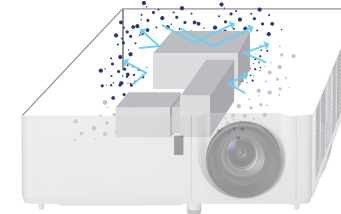
Vertical Lens Shift

The +12.4% (PJ WUL5860) and +10% (PJ WXL5860) vertical lens adjustment ranges make these models easier to ceiling-mount, enabling image adjustment without moving the unit.



IP6X Dust-Proof Design

Dust is a key factor affecting the life of a projector. The fully closed optical engine in both models meets the IP6X dust-proof standard, effectively eliminating image speckle, brightness decline, and projector life decline that dust can cause, as well as significantly reducing the cost of maintenance and consumables.



HDMI2.0

The HDMI2.0 interface expands bandwidth to 18GBps, achieving a refresh rate of 50/60Hz in 4K image transmission – about twice that of HDMI1.4. This makes playback lively, smooth and much gentler to the human eye.

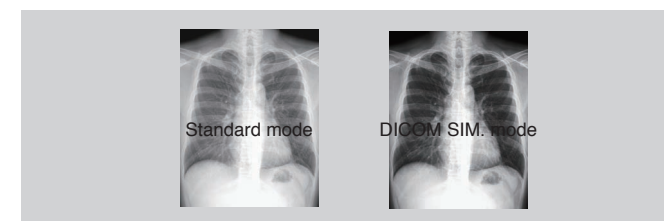
360-degree Installation and Portrait Orientation Support

The PJ WUL5860 and PJ WXL5860 projectors can be installed to project through 360 degrees, making them highly flexible, reducing installation limitations and greatly expanding the application range.



Supports DICOM SIM medical mode

Equipped with DICOM SIM (Digital Imaging and Communications in Medicine Simulation), these models are suitable for projecting monochromatic medical images, such as X-ray films, MRI, and tomography images. Details of medical images can be presented to a wider audience in a large, high-definition format, ideal for medical education environments.

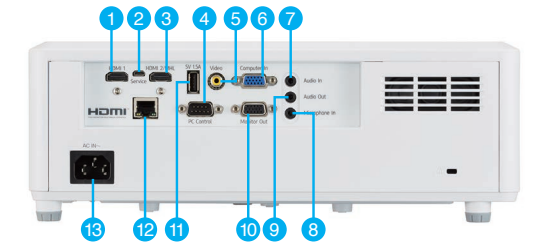


Customisable ID Remote Control

Up to 99 projectors can be assigned a separate ID and individually controlled, one at a time.

Interfaces

- | | |
|-------------------------|---------------------------|
| 1. HDMI 1 IN terminal | 8. Microphone IN terminal |
| 2. Service terminal | 9. Audio OUT terminal |
| 3. HDMI2/MHL terminal | 10. Monitor OUT terminal |
| 4. PC Control terminal | 11. 5V/1.5A terminal |
| 5. Video terminal | 12. LAN terminal |
| 6. Computer IN terminal | 13. AC IN socket |
| 7. Audio IN terminal | |



Mercury-free

The solid-state semiconductor laser light source used in the PJ WUL5860 and PJ WXL5860 models contains no harmful mercury elements – unlike many bulb projectors which use high voltage mercury lamps.