Projectors
PJ WX4130 / PJ WX4130N

Ultra Short Throw

Close range: distance from wall 11.7cm
Ultra lightweight 3.0kg
Compact upright design Vertical

Transport quality improvements
Integrating the value elements of quality
Factors such as comfort and convenience, and
Practical ways to incorporate these factors
into travel time values for planning
and project evaluation.
Cycling
Walking
Tube
Car only
Minted
Bus
Likes
Neutral
Dislikes

* The figure indicates typical travel patterns of individuals by mode. Public transport users tend to dislike their counterparts
more than commuters using other modes.
Combining a space-saving upright design and Ricoh’s innovative free-form mirror system, the PJ WX4130 / PJ WX4130N brings cutting edge projector technology to the smallest spaces.

A record-breaking throw distance of just 11.7cm allows the projector to be placed just inches from the wall, ensuring that nothing comes between you and your message: no shadows; no noise; no glare. Use it to display images of up to 80 inches in meeting rooms, classrooms, museum displays, restaurants, bars, shops, window displays, anywhere there is a wall or flat surface to project upon. And because it is so compact and light, you can move it from room to room and even carry it to meetings off-site.

**PJ WX4130 / PJ WX4130N**

- **World’s closest range projector:** can be placed just 11.7cm from the wall.
- **World’s only ultra short throw projector:** compact, space-saving vertical design.
- **World’s lightest ultra short throw projector:** weighs just 3kg for true portability.

*For mirror reflection ultra-short throw projectors as of November 2011 (source: Ricoh)*
Flexibility and freedom of expression.

**Business**
Enables productive multimedia meetings in any open or enclosed space, from break-out areas to the smallest meeting room. Keeps the conference table free of clutter, heat and noise for neater, more productive meetings. A flexible, affordable alternative to large format displays for presenting company information and product details in reception areas, showrooms and on exhibition stands.

**Education**
Delivers fully interactive lessons without the distraction of on-screen shadows and glare from the projector lamp. Enhances formal and informal tutorials in the colleges, universities, laboratories and teaching hospitals with informative multimedia content. Ideal for temporary public information displays on open days and other occasions.

**Retail**
Grab the attention of passing shoppers with eye-catching shop window displays and advertisements. Place on the shop floor to drive further sales through the display of special offers and advertisements for related products. React more quickly to marketing opportunities by replacing posters with electronic information displays.

**Leisure**
Connect the projector to audio-visual equipment via the HDMI interface and show live sporting events, movies and other pre-recorded content.
The PJWX4130 / PJWX4130N turns the smallest space into a multimedia meeting room or a showcase for your products and services. And that is just the start.

A fully featured projector in its own right, it has the versatility and flexibility to meet the diverse needs of any organisation in any industry.

It can be used with interactive whiteboards and retro-fit solutions, giving users more scope to engage with their audience, or with video and web conferencing systems for improved teamwork and faster decision-making.

With Ricoh’s Tamago Presenter app, it can even be integrated with an iPad allowing you to control presentations from the tablet and share material with other iPad users.

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PJ WX4130 Standard model

- Brightness: 2500lm
- Weight: 3.6kg
- Quick Start: 5 Second
- Display Colour: 16.7 Million
- Sync to Input Signal: Auto Set
- Aspect Ratio: 16:10
- Projection Size: 48-90" (WXGA)

PJ WX4130N Network model

All the benefits of the standard model plus:

- Wireless & Wired LAN
- USB PC Free Memory

www.ricoh-europe.com/products/projectors
Key features: easy to use & flexible.

Ricoh’s innovative free-form mirror technology brings exciting new possibilities to presentations by making it possible to project onto large screens in even the tightest spaces.

**Unlike the conventional**

**Ultra short throw**
Traditionally front projection requires a long throw distance between the projector and screen, but the Ricoh PJWX4130/PJWX4130N can be placed below the projection surface, just centimetres from the wall, and still produce large images of up to 80 inches (diagonal).

**Auto image optimisation**

**Automatic distortion adjustment**
The projector automatically detects and compensates for keystone distortion in the vertical direction when images are projected. Adjustments can also be made manually using the remote control.

**Wall colour correction**
Automatically adjusts the colour of the projected image to compensate for the background colour of the whiteboard, blackboard, wall or other projection surface.

**Low energy consumption**

**Standby mode**
In regular standby mode, power consumption falls to just 0.17 W for lower energy bills.

**Eco mode**
Running costs can be cut further by selecting Eco mode to cut lamp intensity and power consumption by 25%. The remote control’s Eco mode button makes it easy to turn the feature on and off.

**Security as standard**

**Password setting & key lock**
The projector can be protected with a password to restrict access and prevent unauthorised use. A useful key lock function prevents mistakes while operating the projector.

**Intuitive operation**

**Quick start/shutdown**
Rapid 3 second start-up makes these projectors deal for impromptu, ad hoc meetings.

**User logo function**
A company logo or standby message can be displayed while the projector is starting up or when there is no signal.

**Future-proof**

**3D-ready**
Optional PJ 3D Glasses can be used for viewing frame sequential 3D images.
PJ WX4130N: empowering your world.

The PJWX4130N boasts all the features of the PJWX4130, plus wired and wireless network connectivity, a USB port for PC-free presentations and enhanced device management.

**Network connectivity**

The PJWX4130N has built-in wired and wireless LAN connectivity and offers a choice of communication modes for projecting images:

Adhoc Communication Mode, where devices connected on a wireless LAN communicate directly with each other without the need for a wireless LAN access point in the conference or meeting room; and

Infrastructure Communication Mode, where communication is made via a router or hub.

The software has the ability to project the same image to four projectors, particularly useful for conferences and digital signage applications.

**Projector management**

PJ Link Projector Utility

Utility software supplied with the PJ WX4130N lets you manage multiple projectors on a network and includes the ability to apply LAN settings and turn devices on and off remotely. Because the software is compatible with PJ Link, a standardised open protocol established by the Japan Business Machine and Information System Industries Association (JBMIA), you can also control other brands of network projector.

@Remote compatibility

To ensure the smooth running of projectors, the @Remote remote diagnostics service monitors network projectors remotely over the internet providing operating status reports.

This service is not available in some countries.

iPad Integration with Tamago Presenter

TAMAGO Presenter is a free software app that lets you use an iPad to control a presentation and share PDF material with up to 10 other iPads.

At its simplest, Tamago Presenter lets you take advantage of the wireless connection between a PJ WX4130N and iPad to deliver a PDF presentation without the complication of cables. Alternatively, a connection can be made using a VGA cable.

Restrictions as of November 2011: A maximum of five simultaneous meetings is recommended. Viewable document format: PDF documents (PDF version 1.5) only. Number of documents viewable in a single meeting: Max. 3 documents. Recommended viewable document size: Max. 10MB per document. Max. recommended number of participating terminals: 10 per meeting.
Versatile projection at ultra close range. Just 117mm!

<table>
<thead>
<tr>
<th>Screen Size</th>
<th>B. Distance from the screen to the front of the body.</th>
<th>C. Distance from the screen to the optical outlet.</th>
<th>D. Distance from the screen to the back of the body.</th>
<th>E. Distance from the top face of the body to the bottom of the projected image.</th>
</tr>
</thead>
<tbody>
<tr>
<td>48 INCH</td>
<td>261mm</td>
<td>188mm</td>
<td>117mm</td>
<td>91mm</td>
</tr>
<tr>
<td>60 INCH</td>
<td>310mm</td>
<td>235mm</td>
<td>166mm</td>
<td>115mm</td>
</tr>
<tr>
<td>80 INCH</td>
<td>393mm</td>
<td>317mm</td>
<td>249mm</td>
<td>155mm</td>
</tr>
</tbody>
</table>
# Specifications:

**PJ WX4130 / PJ WX4130N**

<table>
<thead>
<tr>
<th>Feature</th>
<th>PJ WX4130N</th>
<th>PJ WX4130</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>System</strong></td>
<td>Single panel DLP® system</td>
<td></td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td>1,024,000 pixels (1,280 x 800)</td>
<td></td>
</tr>
<tr>
<td><strong>Panel shape</strong></td>
<td>0.65 type</td>
<td></td>
</tr>
<tr>
<td><strong>Luminous flux (Brightness)</strong></td>
<td>2,500lm</td>
<td></td>
</tr>
<tr>
<td><strong>Contrast ratio</strong></td>
<td>1,500:1</td>
<td></td>
</tr>
<tr>
<td><strong>Size of projected image</strong></td>
<td>48” to 80”</td>
<td></td>
</tr>
<tr>
<td><strong>Projection distance</strong></td>
<td>11.7 to 24.9 cm</td>
<td></td>
</tr>
<tr>
<td><strong>Lamp</strong></td>
<td>High-pressure mercury lamp (standard mode: 225W, Eco mode: 170W)</td>
<td></td>
</tr>
<tr>
<td><strong>RGB compatible signals (analog, digital)</strong></td>
<td>WXGA (1,280 x 800), XGA (1,024 x 768), SVGA (800 x 600 only), VGA (640 x 480)</td>
<td></td>
</tr>
<tr>
<td><strong>Input signals</strong></td>
<td>NTSC, PAL, SECAM, NTSC4.43, PAL M, PAL N, PAL 60, component image (480i/p, 576i/p, 720p, 1080i/p)</td>
<td></td>
</tr>
<tr>
<td><strong>USB memory compatible file format</strong></td>
<td>JPEG, Moving image: MPEG2</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Interface</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Image input</strong></td>
<td>Mini D-Sub 15-pin x 1, HDMI type A x 1, RCA x 1</td>
<td></td>
</tr>
<tr>
<td><strong>USB</strong></td>
<td>Type-A x 1 (USB 2.0 High-Speed)</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Audio input</strong></td>
<td>3.5MM stereo mini pin jack x 1</td>
<td></td>
</tr>
<tr>
<td><strong>Wireless LAN</strong></td>
<td>IEEE 802.11abgn compliant *3</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>LAN</strong></td>
<td>RJ45 (10BASE-T/100BASE-TX/1000BASE-T x 1)</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Supported OS</strong></td>
<td>RICOH PJ Network Utility Type A: Windows® XP SP3 or later (Home/Professional), Windows® Vista® SP2 or later (Ultimate/Business/Home Premium/Home Basic) *4</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Supported OS</strong></td>
<td>RICOH JPEG Conversion Tool Type A: Windows® XP SP3 or later (Home/Professional), Windows® Vista® SP2 or later (Ultimate/Business/Home Premium/Home Basic) *4</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Supported OS</strong></td>
<td>Projector Management Utility: Windows® XP SP3 or later (Home/Professional), Windows® Vista® SP2 or later (Ultimate/Business/Home Premium/Home Basic) *5</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Built-in speaker</strong></td>
<td>2W mono</td>
<td></td>
</tr>
<tr>
<td><strong>Dimensions (W x D x H)</strong></td>
<td>257 x 144 x 221MM (including protrusions)</td>
<td></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>Approx. 3.0kg</td>
<td></td>
</tr>
<tr>
<td><strong>Power consumption</strong></td>
<td>While operating: Standard mode: 300W or less, Eco mode: 222W or less, Eco mode: 222W or less</td>
<td></td>
</tr>
<tr>
<td><strong>Power consumption</strong></td>
<td>In standby: Regular standby mode: 0.17W or less, Network standby mode: 0.4W or less *6</td>
<td></td>
</tr>
<tr>
<td><strong>Operating environment</strong></td>
<td>While operating: Ambient temperature: 5 to 35°C, humidity: 30 to 70% (no condensation)</td>
<td></td>
</tr>
<tr>
<td><strong>Projector management utility</strong></td>
<td>Windows® XP SP3 or later (Home/Professional), Windows® Vista® SP2 or later (Ultimate/Business/Home Premium/Home Basic) *5</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Standard price</strong></td>
<td>Price set by retailer</td>
<td></td>
</tr>
</tbody>
</table>

*1: Present in the range of supported signals. Signals that are not present may not display even if they are within this range.

*2: When using the computer-free function. There is no guarantee that the images in every type of USB memory will display. They may not display because of the file.

*3: The 5.0G Hz band is not supported in the case of IEEE802.11a/n adhoc communication.

*4: 32-bit/64-bit OSs are supported.

*5: Not supported on 64-bit OSs.

*6: Only in case of wired LAN connection.

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**Accessories packaged with projector**

- **Cables**: RGB cable (3M), 3-pin power cable (3M)
- **CD-ROM**: User manual, RICOH PJ Network Utility Type A, RICOH JPEG Conversion Tool Type A, Projector Management Utility
- **Carrying case**: Exclusive carrying case external dimensions: 336 x 153 x 230MM (W x D x H)
- **Remote control**: Wireless remote control, mouse remote receiver

**Standard price**: Price set by retailer

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