

# Inconspicuous but Brilliant for Enhancing Any Presentation.



The XL5980U/XL5900U projector incorporates many features that make it the first choice for ceiling mounted applications. For installation flexibility, lens shift allows horizontal and vertical adjustment to make it unnecessary to position the projector in the middle of the room. A variety of optional lenses are also available and the front panel can be easily removed to facilitate lens replacement. The off-white body colour and attractive top cover blend in with the ceiling and the recessed lens makes it appear that images are always displayed from the center of the unit. Performance is brilliant too as the XL5980U offers **5500 ANSI Lumens** (XL5900U: 4000 ANSI Lumens) of brightness for highly detailed images that are sure to impress. All this plus quiet **30dB** operation tell you that the XL5980U/XL5900U projector is the smart way to enhance any presentation.

## 1 Superb Brightness

### ● 5500 ANSI Lumens (XL5980U)

Presentations become more appealing and interesting, as the XL5980U produces 5500 ANSI Lumens of brightness for extra clarity even when projecting images on large screens. This is the kind of performance that ensures clear, sharp images even in well-lit meeting rooms or conference halls.

## 2 Flexibility for Installation

### ● 2-way Mechanical Lens Shift (Vertical & Horizontal)

Lens shift allows images to be shifted both horizontally and vertically, letting you position the projector conveniently anywhere in the room. Additionally, Digital Keystone Correction reduces line distortion by allowing for vertical correction to create a more natural-looking picture even when it is difficult to set up the unit perfectly perpendicular with the screen.



### ● Optional Lenses

A wide variety of optional lenses is available to suit any operating or user requirement.

## 3 Designed for Installation

### ● Attractive Design

These projectors look as good as they perform thanks to a handsomely designed top cover and recessed lens.

### ● Off-White Body Colour

The off-white body colour of these projectors allows them to blend in inconspicuously on the ceiling.



### ● Versatile Input Terminals

Offering far more operating convenience for system installation, these multimedia data/video projectors are fully equipped with 5 BNC input terminals that allow for a variety of audio-visual and PC peripheral equipment to be connected easily. This kind of versatility is especially welcome when upgrading from a conventional CRT projector or creating a complete system for permanent installation.



### ● Enhanced Connectivity

Two RS-232C serial ports provide enhanced connectivity for extra convenience when hooking up optional accessories.

### ● Terminal Cover

After the projector is installed on the ceiling, the terminal cover ensures that no cables are visible.



### ● Convenient Design

The lens-shift feature eliminates the need for precise alignment between the projector and the screen, it also means that these projectors can replace most existing units without the need for drilling new installation holes.



\* The projector can be positioned even when right feet away from the screen.

## Impressive Picture Quality

### 3D CineView

Surpassing the performance of the previous Line Doubler function, 3D CineView realises improved cross colouring and virtually eliminates the "jaggies" for clearer still images with crisp contours. It is also useful for text such as subtitles as characters are sharper and easier to read. Along with the reproduction of beautiful, natural-looking moving images, a significant gain in video picture quality has been achieved, making it possible to recreate images with cinema-like presence.



### sRGB

Developed to ensure standard, uniform colour reproduction regardless of the type of display used, sRGB colour profile technology uses independent colour coordinates common to all display technologies. As a result, it helps to eliminate hue variations that occur between different display systems and more accurately matches the way colours look in real life.

To find out the details of sRGB, visit us at: [Global.MitsubishiElectric.com/projectors/](http://Global.MitsubishiElectric.com/projectors/)



### Natural Colour Matrix™

Equipped with the third generation of Mitsubishi Electric's Natural Colour Matrix™, these projector models provide vivid and accurate colour reproduction that helps to add realism and appeal to any presentation. This feature now offers TINT adjustment for PC screens in addition to its 6-axis colour correction function, providing precise and easy adjustment of both colour saturation and tone for exquisite image quality.



### 3D Gamma Correction

The XL5980U/XL5900U projector is equipped with a 3D Gamma Correction feature that helps to ensure the reproduction of more natural colours and accurate gradations. Three modes (video, movie and for PC use) are available, allowing you to optimise the projection image according to the type of picture.

## User-friendly Functions

### Anti-Theft Alarm

Once the anti-theft alarm is set, unauthorised attempts to remove the projector will cause the alarm to sound. Undetectable externally as it is built-in, the alarm is battery powered and features a "safety pin" that prevents accidental activation during projector maintenance.



### Ultra Quiet Operation — Only 30dBa

Fan noise emanating from a projector can get annoying during a presentation but now that's a thing of the past. The XL5980U/XL5900U projector offers a significantly reduced noise level of only 30dBa (in Lamp Low mode). This kind of quiet operation means that the audience can enjoy presentations without distraction.

### User Logo Function

Users can customize the projector to their preference by inserting a corporate name, logo or an image of their choice — such as an original photo that can be edited as desired — on the Splash or Mute screen.



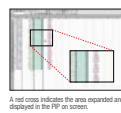
### 2 Live Picture-In-Picture (Real Motion)

This innovative technology allows you to show two images (two motion/live images) simultaneously on screen. Images from two different sources (PC and video) can be shown together on the main screen and PIP to double the impact of any presentation. An increase in video processing to 60 frames/sec. provides smoother image transitions and it is also possible to zoom up on the picture.



### Digital-Expanded Zoom

Presentations become more professional and stimulating as Mitsubishi's Digital-Expanded Zoom makes it easy to explain and clearly see the details. Variable digital enlargement allows a section of an image to be magnified conveniently, making it ideal for use during lectures, meetings, etc.



### Disposable Filters

Disposable filters help to simplify the cleaning and maintenance requirements. It is recommended that the filters be cleaned periodically to prolong use. For added convenience, these filters can be easily accessed from the rear without removing the projector from the ceiling mount bracket.



### System Operation Remote (Optional)

To further improve operating ease, the System Operation Remote can be programmed to control DVD players and video recorders connected to the projector.





## Line-up



**XL5980U** XGA  
5000 ANSI Lumens (max)



**XL5900U** XGA  
4000 ANSI Lumens (max)

## Optional Lenses



| Model               | OL-X500SZ             | OL-X500LZ            | OL-X500TZ           | OL-X500FR            |
|---------------------|-----------------------|----------------------|---------------------|----------------------|
| Type                | Short Throw Zoom Lens | Long Throw Zoom Lens | Mid Throw Zoom Lens | Wide Projection Lens |
| Throw ratio         | 1.3 : 1.1             | 1.7 : 1.2            | 1.4 : 1.1           | 1.4 : 1.1            |
| Screen size         | 30" (76.2 cm)         | 75" (190.5 cm)       | 75" (190.5 cm)      | 150" (381 cm)        |
| Screen aspect ratio | 4:3                   | 4:3                  | 4:3                 | 4:3                  |
| Screen resolution   | 1024 x 768            | 1024 x 768           | 1024 x 768          | 1024 x 768           |
| Screen diagonal     | 30" (76.2 cm)         | 75" (190.5 cm)       | 75" (190.5 cm)      | 150" (381 cm)        |
| Screen area         | 1.1 m <sup>2</sup>    | 11.5 m <sup>2</sup>  | 11.5 m <sup>2</sup> | 115 m <sup>2</sup>   |
| Screen weight       | 0.5 kg                | 1.5 kg               | 1.5 kg              | 1.5 kg               |
| Screen depth        | 110 mm                | 110 mm               | 110 mm              | 110 mm               |
| Screen height       | 110 mm                | 110 mm               | 110 mm              | 110 mm               |
| Screen width        | 110 mm                | 110 mm               | 110 mm              | 110 mm               |
| Screen weight       | 0.5 kg                | 1.5 kg               | 1.5 kg              | 1.5 kg               |
| Screen depth        | 110 mm                | 110 mm               | 110 mm              | 110 mm               |
| Screen height       | 110 mm                | 110 mm               | 110 mm              | 110 mm               |
| Screen width        | 110 mm                | 110 mm               | 110 mm              | 110 mm               |

### Throw Distance

| Screen Size (mm) | Screen Size (inch) | OL-X500SZ | OL-X500LZ | OL-X500TZ | OL-X500FR |
|------------------|--------------------|-----------|-----------|-----------|-----------|
| 30               | 11.8               | 1.1       | 1.1       | 1.1       | 1.1       |
| 40               | 15.7               | 1.1       | 1.1       | 1.1       | 1.1       |
| 50               | 19.7               | 1.1       | 1.1       | 1.1       | 1.1       |
| 60               | 23.6               | 1.1       | 1.1       | 1.1       | 1.1       |
| 70               | 27.6               | 1.1       | 1.1       | 1.1       | 1.1       |
| 80               | 31.5               | 1.1       | 1.1       | 1.1       | 1.1       |
| 90               | 35.4               | 1.1       | 1.1       | 1.1       | 1.1       |
| 100              | 39.4               | 1.1       | 1.1       | 1.1       | 1.1       |
| 110              | 43.3               | 1.1       | 1.1       | 1.1       | 1.1       |
| 120              | 47.2               | 1.1       | 1.1       | 1.1       | 1.1       |
| 130              | 51.2               | 1.1       | 1.1       | 1.1       | 1.1       |
| 140              | 55.1               | 1.1       | 1.1       | 1.1       | 1.1       |
| 150              | 59.1               | 1.1       | 1.1       | 1.1       | 1.1       |
| 160              | 63                 | 1.1       | 1.1       | 1.1       | 1.1       |
| 170              | 67                 | 1.1       | 1.1       | 1.1       | 1.1       |
| 180              | 71                 | 1.1       | 1.1       | 1.1       | 1.1       |
| 190              | 75                 | 1.1       | 1.1       | 1.1       | 1.1       |
| 200              | 78.7               | 1.1       | 1.1       | 1.1       | 1.1       |

\*The lens shift function allows the picture offset to be adjusted between 19:1 (off) and 1:1 (on) mode.  
\*Lens shift cannot be used with OL-X500FR.

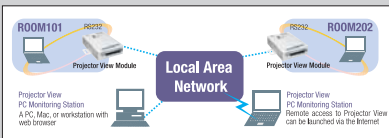
## Replacement Lamp



## Diagnostic System

(only available in some countries)

To monitor projectors and facilitate maintenance, the optional diagnostic system provides control over key projector functions such as power on/off as well as warnings for operating temperature and filter clogging. Controlled via a master PC, this system is ideal for incorporating other Mitsubishi Electric projectors into a Local Area Network (LAN) for both academic and business environments.

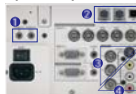


## Specifications

|                        | XL5980U  | XL5900U  |
|------------------------|--|--|
| Model                  | XL5980U  | XL5900U  |
| Display technology     | 1.3" Polysilicon TFT panel x 3   | 1.3" Polysilicon TFT panel x 3   |
| Resolution             | 1024 x 768 dots, 600 video lines   | 1024 x 768 dots, 600 video lines   |
| Brightness             | 5500 ANSI Lumens (max)   | 4000 ANSI Lumens (max)   |
| Color                  | 16,770,000 colors  | 16,770,000 colors  |
| Zoom / focus           | Power (zoom ratio: 1.3 : 1)  | Power (zoom ratio: 1.3 : 1)  |
| Picture size           | 60" ~ 300" (100"~3.8 m)  | 60" ~ 300" (100"~3.8 m)  |
| Source lamp            | 270W bulb (220W low mode)<br>VGA+ / UAGA+ (840 x 600 ~ 1600 x 1200).<br>True: 1024 x 768, Sync on green available  | 270W bulb (220W low mode)<br>VGA+ / UAGA+ (840 x 600 ~ 1600 x 1200).<br>True: 1024 x 768, Sync on green available  |
| Computer compatibility | NTSC / NTSC 4.43 / PAL (including PAL-M/N) / SECAMPAL-60 / Component Video (DVD / HDTV) (480, 576, 480p (825p), 576p (825p), 720p, 1080i) / SCART (RGB + IV sync) / PC: BNC x 5, mini D-sub 15 pin x 1 | NTSC / NTSC 4.43 / PAL (including PAL-M/N) / SECAMPAL-60 / Component Video (DVD / HDTV) (480, 576, 480p (825p), 576p (825p), 720p, 1080i) / SCART (RGB + IV sync) / PC: BNC x 5, mini D-sub 15 pin x 1 |
| Video compatibility    | Video1: RCA + BNC x 1, Video2: BNC (Y, C) + S video x 1<br>Audio: Stereo mini jack, RCA (L, R) x 1<br>RGB: mini D-sub 15 pin x 1   | Video1: RCA + BNC x 1, Video2: BNC (Y, C) + S video x 1<br>Audio: Stereo mini jack, RCA (L, R) x 1<br>RGB: mini D-sub 15 pin x 1   |
| Input terminals        | RS-232C x 2 (8 pin), mouse terminal for USB<br>Audio speaker 5 W<br>Fan mode 30dB (Lamp low mode)<br>Dimensions (W x H x D) 443 x 176 x 434 mm / 17.4" x 6.9" x 17.1" (with terminal cover)            | RS-232C x 2 (8 pin), mouse terminal for USB<br>Audio speaker 5 W<br>Fan mode 30dB (Lamp low mode)<br>Dimensions (W x H x D) 443 x 176 x 434 mm / 17.4" x 6.9" x 17.1" (with terminal cover)            |
| Output terminals       | Weight 9.0 kg / 19.9 lbs<br>Power supply AC100 ~ 240 V / ±10 %, 50/60 Hz   | Weight 9.0 kg / 19.9 lbs<br>Power supply AC100 ~ 240 V / ±10 %, 50/60 Hz   |

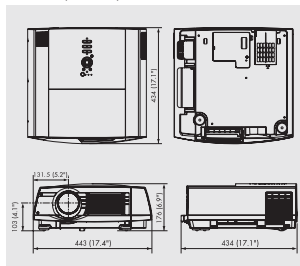
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## Input and Output Terminals

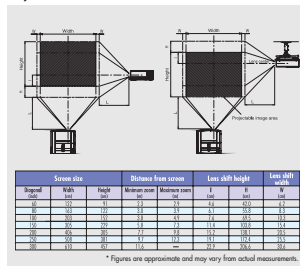


- Wired Remote In & Out
- RS-232C/RS-232C (Serial Mouse) / USB
- S-Video or Y/C (BNC)
- Composite or BNC

## Dimensions (unit: mm, inch)



## Projection distance at each screen size



\* Figures are approximate and may vary from actual measurements.

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For Professionals



**XL5980U / XL5900U**

XGA / 5500 Lumens

XGA / 4000 Lumens