

Inconspicuous but Brilliant for Enhancing Any Presentation.

1 Superb Brightness

5500 Lumens (XL5980U)

Presentations become more appealing and interesting, as the XL5980U produces 5500 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.



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.



3 Designed for Installation

Attractive Design

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



Off-White Body Color

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

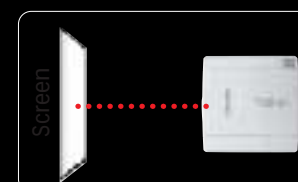
Terminal Cover

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 more than eight feet away from the screen.

Impressive Picture Quality

3D CineView

Surpassing the performance of the previous Line Doubler function, 3D CineView realizes improved cross coloring 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.



Without 3D CineView



With 3D CineView

sRGB

Developed to ensure standard, uniform color reproduction regardless of the type of display used, sRGB color profile technology uses independent color 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 colors look in real life.

To find out the details of sRGB, visit us at:
Global.MitsubishiElectric.com/projectors/



Natural Color Matrix™

Equipped with the third generation of Mitsubishi Electric's Natural Color Matrix™, these projector models provide vivid and accurate color 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 color correction function, providing precise and easy adjustment of both color saturation and tone for exquisite image quality.



Without Natural Color Matrix™



With Natural Color Matrix™

3D Gamma Correction

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

User-friendly Functions

Anti-Theft Alarm

Once the anti-theft alarm is set, unauthorized 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.

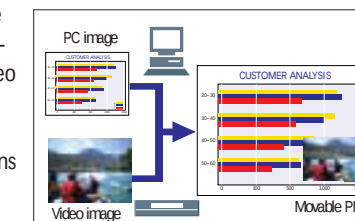
User Logo Function

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.



A red cross indicates the area expanded and displayed in the PIP on screen.

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 (Option)

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 5500 Lumens



XL5900U XGA 4200 Lumens



XL5980LU XGA 5500 Lumens

The XL5980LU is not equipped with a lens. This allows you to select the most appropriate lens for your requirements.
The XL5980U shares the same specifications as the XL5980LU but this may vary depending on the type of lens used.
The XL5980LU produces 5500 Lumens only when equipped with the standard lens.

Optional Lenses



OL-X500SZ



OL-X500LZ



OL-X500TZ



OL-X500FR



VLT-XL5950LP

Replacement Lamp

Model	OL-X500SZ	OL-X500LZ	OL-X500TZ	OL-X500FR
Type	Short Throw Zoom Lens	Long Throw Zoom Lens	Tele Throw Zoom Lens	Rear Projection Short Throw Fix Lens (on axis)
F NO.	F2.0-2.3	F2.5-3.2	F2.5-3.4	F2.5
f	37-44mm	64-90mm	93-140mm	22mm
Throw ratio	1.3-1.6	2.4-3.2	3.4-5.2	0.8
Off-set axis	19 (up) : 1 (down)*	19 (up) : 1 (down)*	19 (up) : 1 (down)*	1 : 1 (on axis)
Zoom/Focus	Motorized (1.2 : 1)	Manual (1.4 : 1)	Manual (1.5 : 1)	Manual
Weight	1.4kg/3.1lbs	1.7kg/3.8lbs	1.7kg/3.8lbs	1.7kg/3.8lbs
Length	177mm (max)	204mm (max)	205mm (max)	174mm (max)
Lens diameter	84mm	84mm	84mm	123.6mm

* The lens shift function allows the picture off-set to be adjusted between19:1 (off axis) and 1:1 (on axis). Lens shift cannot be used with OL-X500FR.

Throw Distance

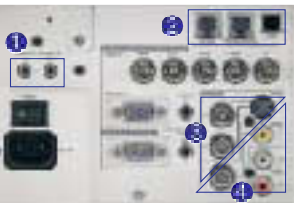
Screen Size (inch)	Standard Lens		OL-X500SZ		OL-X500LZ		OL-X500TZ		OL-X500FR
	Throw distance (m)	tele	Throw distance (m)	tele	Throw distance (m)	tele	Throw distance (m)	tele	
40	—	—	1.1	1.3	—	—	—	—	1.0
60	2.3	2.9	1.6	2.0	—	—	—	—	1.3
80	3.0	3.9	2.2	2.6	3.8	5.3	5.6	8.4	1.7
100	3.8	4.9	2.7	3.3	4.8	6.7	7.0	10.5	2.5
150	5.8	7.3	4.1	5.0	7.3	10.2	10.6	15.9	3.4
200	7.7	9.8	5.5	6.7	9.7	13.6	14.2	21.3	—
250	9.7	12.3	6.9	8.4	12.2	17.1	17.8	26.7	—
300	11.6	—	8.3	—	14.7	20.6	21.4	32.1	—

Specifications

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 Lumens	4200 Lumens
Color	16,770,000 colors	16,770,000 colors
Zoom / focus	Power (zoom ratio: 1.3 : 1)	Power (zoom ratio: 1.3 : 1)
Pictur e size	60" ~ 300" (100"=3.8 m)	60" ~ 300" (100"=3.8 m)
Sour ce lamp	270W bulb (220W low mode)	270W bulb (220W low mode)
Computer compatibility	VGA ® ~ UXGA ® (640 x 400 ~ 1600 x 1200), True: 1024 x 768, Sync on gr een available	VGA ® ~ UXGA ® (640 x 400 ~ 1600 x 1200), True: 1024 x 768, Sync on gr een available
Video compatibility	NTSC / NTSC 4.43 / P AL (including P AL-M,N) / SECAM/P AL-60 / Component V ideo (DVD / HDTV) (480i, 576i, 480p (525p), 576p (625p), 720p,1080i) SCAR T (RGB +1V sync)	NTSC / NTSC 4.43 / P AL (including P AL-M,N) / SECAM/P AL-60 / Component V ideo (DVD / HDTV) (480i, 576i, 480p (525p), 576p (625p), 720p,1080i) SCAR T (RGB +1V sync)
Input terminals	PC: BNC x 5, mini D-sub 15 pin x 1 Video1: RCA + BNC x 1, V ideo2: BNC (Y , C) + S video x 1 Audio: Ster eo mini jack, RCA (L, R) x 1	PC: BNC x 5, mini D-sub 15 pin x 1 Video1: RCA + BNC x 1, V ideo2: BNC (Y , C) + S video x 1 Audio: Ster eo mini jack, RCA (L, R) x 1
Output terminals	RGB: mini D-sub 15 pin x 1	RGB: mini D-sub 15 pin x 1
Communication terminals	RS-232C x 2 (8 pin), mouse terminal for USB	RS-232C x 2 (8 pin), mouse terminal for USB
Audio speaker	5 W	5 W
Fan noise	30dB (Lamp low mode)	30dB (Lamp low mode)
Dimensions (W x H x D)	443 x 176 x 434 mm / 17.4" x 6.9" x 17.1" (with terminal cover)	443 x 176 x 434 mm / 17.4" x 6.9" x 17.1" (with terminal cover)
Weight	9.0 kg / 19.9 lbs	9.0 kg / 19.9 lbs
Power supply	AC100 ~ 240 V / ±10 %, 50/60 Hz	AC100 ~ 240 V / ±10 %, 50/60 Hz

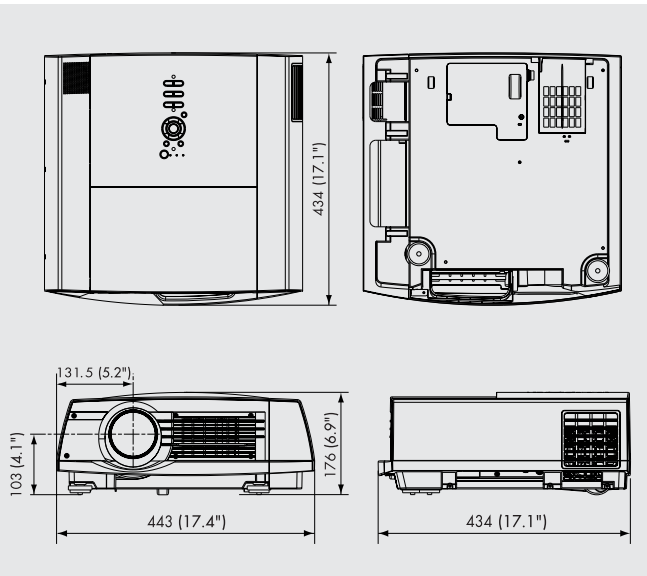
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Input and Output T erminals

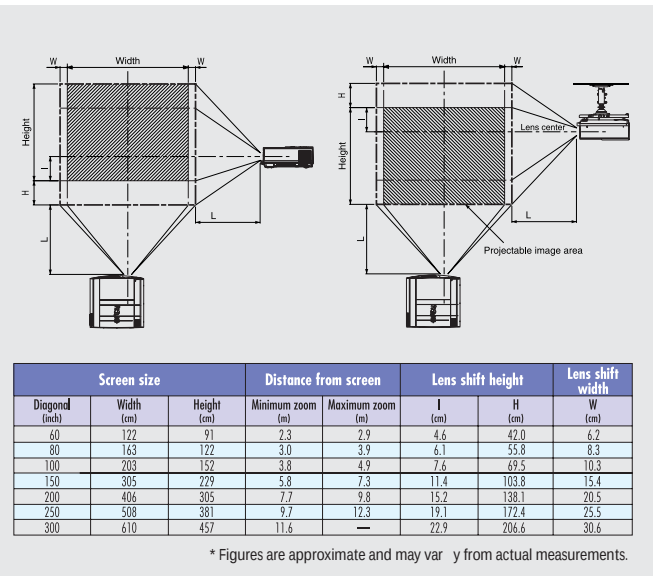


- Wired Remote In & Out
- RS-232C/RS-232C (Serial Mouse) /USB
- S-Video or Y/C (BNC)
- Composite or BNC

Dimensions (unit: mm, inch)

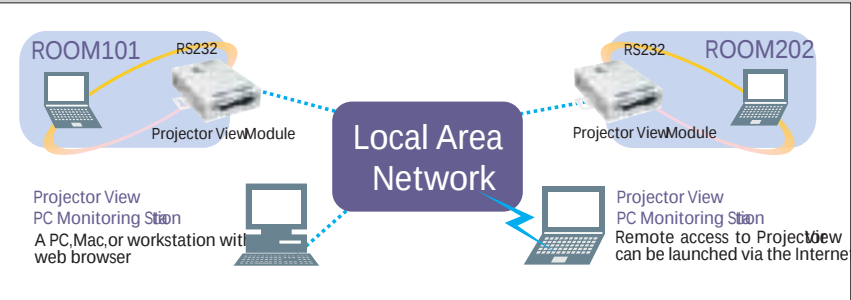


Projection distance at each screen size



Diagnostic System (option)

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.



MITSUBISHI ELECTRIC CORPORATION
HEAD OFFICE: TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN

For more information about our XL5980U/XL5900U projector, visit us at our new URL:

Global.MitsubishiElectric.com/projectors/

MITSUBISHI ELECTRIC
MULTIMEDIA DATAVIDEO PROJECTORS

Changes for the Better



For Professionals



RGB



XL5980U / XL5900U

XGA/5500 Lumens

XGA/4200 Lumens