

XL7100U/WL7200U/UL7400U



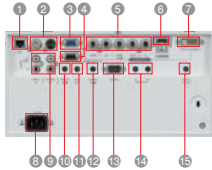
Changes for the Better

MULTIMEDIA DATA/VIDEO PROJECTORS



Connection Terminals

- 1 LAN (RJ-45)
- 2 Video / S-Video
- 3 PC/Component video in-1
- 4 Monitor out
- 5 PC/Component video in-2
- 6 HDMI
- 7 DVI-D in (HDCP)
- 8 Power in (3-pin with earth terminal)
- 9 Audio in [RCA (L/R)]
- 10 Audio in-1
- 11 Audio out
- 12 Audio in-2
- 13 Serial RS-232C (I/O)
- 14 Remote in/out
- 15 Audio DVI-D



Specifications

Model	XL7100U	WL7200U	UL7400U
Display technology	0.8" 3-LCD	0.75" 3-LCD	0.76" 3-LCD
Resolution	1024 x 768 (Total 786,432 pixels)	1280 x 800 (Total 1,024,000 pixels)	1920 x 1200 (Total 2,304,000 pixels)
Brightness*1 (lens off)	6000 lm	5500 lm	5000 lm
Contrast ratio*1	2000 : 1 (lens on)		
Projection lens	f = 24.0-43.2mm, F = 1.8-2.6		
Zoom / focus	Powered focus / zoom (zoom ratio 1.8 : 1)		
Picture size	40"~300" (100"~3.1m)	40"~300" (100"~3.1m)	40"~300" (100"~3.1m)
Source lamp*2	Standard mode: 350W (Shut off time 3000 hrs) Low mode: 284W (Shut off time 4000 hrs)		
Computer compatibility	Resolution: 640 x 400 - 1920 x 1200 True: 1024 x 768 Sync-on-Green available	Resolution: 640 x 400 - 1920 x 1200 True: 1280 x 800 Sync-on-Green available	Resolution: 640 x 400 - 1920 x 1200 True: 1920 x 1200 Sync-on-Green available
Video compatibility	NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60 Component video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p 50/60Hz), 1080i (1125i 50/60Hz), 1080p (1125p 50/60Hz) SCART (RGB + 1V sync, only mini D-sub 15-pin Terminal)		
Input terminals	PC: 5 BNC x 1, mini D-sub 15-pin x 1, DVI-D (with HDCP) x 1, PC Audio: Stereo mini jack (ø3.5mm) x 3 Video: BNC x 1, S-Video (4-pin) x 1, HDMI (Ver 1.3, with Deep Color) x 1 (Only PCMD audio is supported), Audio: RCA (L/R) x 2		
Output terminals	RGB: mini D-sub 15-pin x 1 / Audio: Stereo mini jack (ø3.5mm) x 1 (Variable out)		
Communication terminals	LAN (RJ-45): x 1 (projector control), SERIAL (in): D-sub 9-pin (male) x 1 (direct command is available.), Wired remote (in): x 1 (ø3.5mm stereo mini jack), Wired remote (out): x 1 (ø3.5mm stereo mini jack),		
Dimensions (W x H x D)	481 x 179 x 418mm (excluding detachable terminal cover and protrusion)		
Weight	10.5kg (excluding detachable terminal cover)		
Power supply	AC 100 - 240 V, 50/60Hz		

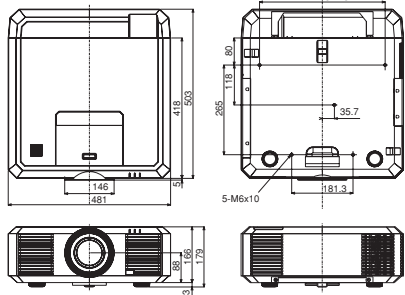
*1) Compliant with ISO21118-2005.
*2) Lamp life specification is an estimate based on verification under proper conditions and is not the duration of the warranty. Lamp will shut-off automatically when usage reaches the specified estimated maximum lamp hours. Service life may vary widely depending on usage and operating environment and conditions, as well as users' adherence to the maintenance and cleaning procedures provided in the user manual.
*3) Varies depending on condition.

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*4) All brand names and product names are trademarks, registered trademarks or trade names of their respective holders.

Screen Size and Projection Distance

Refer to the following table to determine the screen size and projection distance.

Dimensions (unit: mm)



* The lens focal point is the default set at the time of shipment from the factory.

Options



XL7100U

Diagonal Screen Size (mm)	Image (XGA 4:3)		Distance from Screen		Default Height (mm) (HDCP)	Movable V Position from Default Position		Movable H Position from Default Position															
	Width (mm)	Height (mm)	Shortest (mm)	Longest (mm)		Down	Up	Down	Up														
40	102	76	81	24	61	46	11.2	85	2.1	-12	-30	14	-0	-14	37	-0	-37	10	-0	-10	28	-0	-24
50	125	94	122	36	81	73	18	128	3.2	-16	-46	23	-0	-22	56	-0	-56	14	-0	-14	37	-0	-37
60	203	151	148	48	122	94	24	171	4.3	-24	-61	29	-0	-23	73	-0	-73	19	-0	-19	49	-0	-49
100	254	191	203	80	152	118	33.0	214	5.4	-30	-76	38	-0	-38	91	-0	-91	24	-0	-24	61	-0	-61
150	381	285	255	120	225	177	45	321	8.2	-45	-114	54	-0	-54	135	-0	-135	36	-0	-36	91	-0	-91
200	508	381	330	160	300	237	60	430	10.9	-60	-152	72	-0	-72	183	-0	-183	48	-0	-48	122	-0	-122
250	635	480	408	200	381	297	75	539	13.7	-75	-191	90	-0	-90	225	-0	-225	60	-0	-60	152	-0	-152
300	762	576	486	240	459	357	90	646	16.4	-90	-228	108	-0	-108	274	-0	-274	72	-0	-72	183	-0	-183

WL7200U

Diagonal Screen Size (mm)	Image (WXGA 16:10)		Distance from Screen		Default Height (mm) (HDCP)	Movable V Position from Default Position		Movable H Position from Default Position															
	Width (mm)	Height (mm)	Shortest (mm)	Longest (mm)		Down	Up	Down	Up														
40	102	54	86	21	54	46	11.2	66	2.3	-11	-27	15	-0	-15	38	-0	-38	10	-0	-10	28	-0	-28
60	152	81	129	32	81	73	17.8	134	3.4	-16	-40	22	-0	-22	57	-0	-57	15	-0	-15	39	-0	-39
80	203	108	172	42	108	99	25	190	4.6	-21	-54	29	-0	-29	75	-0	-75	20	-0	-20	52	-0	-52
100	254	135	215	53	135	124	31	225	5.7	-26	-67	37	-0	-37	94	-0	-94	25	-0	-25	65	-0	-65
150	381	197	303	79	202	187	47	339	8.6	-40	-101	56	-0	-56	141	-0	-141	38	-0	-38	97	-0	-97
200	508	270	431	106	289	249	63	452	11.5	-53	-135	74	-0	-74	188	-0	-188	51	-0	-51	129	-0	-129
250	635	312	508	135	357	312	79	565	14.4	-66	-168	93	-0	-93	228	-0	-228	64	-0	-64	162	-0	-162
300	762	354	645	164	434	373	95	679	17.2	-79	-206	111	-0	-111	281	-0	-281	78	-0	-78	194	-0	-194

UL7400U

Diagonal Screen Size (mm)	Image (WUXGA 16:10)		Distance from Screen		Default Height (mm) (HDCP)	Movable V Position from Default Position		Movable H Position from Default Position															
	Width (mm)	Height (mm)	Shortest (mm)	Longest (mm)		Down	Up	Down	Up														
40	102	54	86	21	54	46	11.2	66	2.3	-11	-27	15	-0	-15	32	-0	-32	10	-0	-10	28	-0	-28
60	152	81	129	32	81	73	17.8	133	3.4	-16	-40	19	-0	-19	48	-0	-48	15	-0	-15	39	-0	-39
80	203	108	172	42	108	99	25	191	4.6	-21	-54	25	-0	-25	65	-0	-65	20	-0	-20	52	-0	-52
100	254	135	215	53	135	122	31	222	5.8	-26	-67	32	-0	-32	81	-0	-81	25	-0	-25	65	-0	-65
150	381	197	303	79	202	184	47	334	8.5	-40	-101	48	-0	-48	124	-0	-124	38	-0	-38	97	-0	-97
200	508	270	431	106	289	249	63	445	11.5	-53	-135	64	-0	-64	162	-0	-162	51	-0	-51	129	-0	-129
250	635	312	508	135	357	312	79	559	14.5	-66	-168	79	-0	-79	202	-0	-202	64	-0	-64	162	-0	-162
300	762	354	645	164	434	371	94	671	17.3	-79	-206	95	-0	-95	242	-0	-242	78	-0	-78	194	-0	-194

* The above figures are approximate and may be slightly different from the actual measurements.

Striking Images, Simple to Use...

From Installation to Operation –
Amazingly High Quality in Every Aspect

XL7100U
WL7200U
UL7400U

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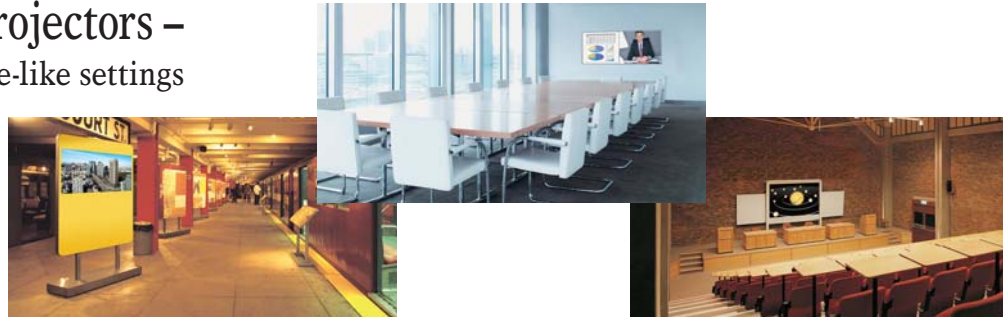
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To find out more about XL7100U/WL7200U/UL7400U and other projects, visit us at

www.MitsubishiElectric.com.au

Advanced, Multifunctional Projectors – Ideal for large meeting rooms and theatre-like settings

Mitsubishi Electric 7000 series projectors offer high levels of brightness and contrast, improved installation ease and eco-conscious features in consideration of the environment. Capable of ensuring clear, sharp large-screen presentations in meeting rooms and theatre areas, these user-friendly projectors are ideal for visual communication with impact.



XL7100U/WL7200U/UL7400U

High Image Quality

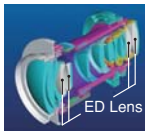
Impressive 6000lm*¹ Brightness and 2000:1*² High Contrast

The XL7100U reproduces vivid beautiful images with a 6000lm*¹ brightness and high contrast ratio of 2000:1*². Even in large meeting rooms and theatre areas, its liquid-crystal projection system ensures clear, sharp presentation images every time.

*1) WL7200U: 5500lm, UL7400U: 5000lm *2) With the iris on.

High-performance Lens

The lens is comprised of 17 lenses in 13 clusters, including a high-performance ED (ultra-low dispersion) lens that is more efficient than regular glass lenses. Image resolution is greatly improved all the way to the edge of the screen.

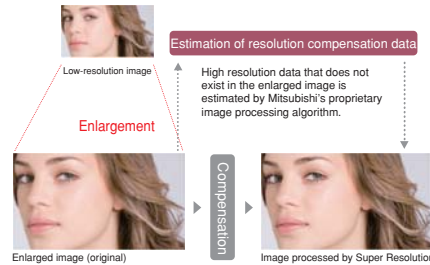


Natural Colour Matrix (NCM)

In addition to conventional red (R), green (G) and blue (B) colour gradations, the intermediate colours of yellow (Y), magenta (M) and cyan (C) can each be controlled independently. Accentuating specified colours according to certain requirements takes the reproduction of vivid colour tones one step closer to natural.

Super Resolution

This innovative advanced image processing algorithm is a product of Mitsubishi Electric. The technology analyses blurred components of the original images, estimates the high-resolution data not provided in the original signal and corrects the image quality. The result is the clear projection of images such as people's faces in fine detail.



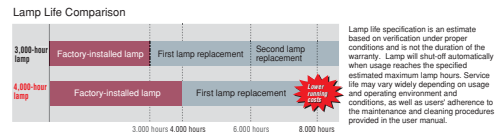
High Reliability

Inorganic Liquid-crystal Panel

An inorganic liquid-crystal panel is incorporated, for an increased service life compared to that of conventional organic liquid-crystal panels.

4000hr Long-life Lamp*

By optimising temperature control design, the light-source lamp can be used for up to 4,000 hours. These improvements result in remarkable reductions in operating costs. *When used in low mode.



Lamp life specification is an estimate based on verification under proper conditions and is not the duration of the warranty. Lamp will shut-off automatically when usage reaches the specified estimated maximum lamp hours. Service life may vary widely depending on usage and operating environment and conditions, as well as users' adherence to the maintenance and cleaning procedures provided in the user manual.

Roll-up Filter

To help prevent dust from collecting on the liquid-crystal panel, a cartridge-type filter is added as standard equipment. It can be set so that the filter rolls automatically every 500, 750 or 1,000 hours, or winding can be done manually.



Additional Features

Network Connectivity

These projectors are equipped with an RJ-45 LAN terminal for remote operation. Additionally, when used with Crestron RoomView™, integrated control of up to 250 projectors including power on/off control, message display and confirmation of lamp service hours is possible. Mitsubishi Electric 7000 series projectors are equipped with AMX Device Discovery for simplified device management and are compatible with PJLink™.



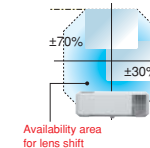
The trademark of PJLink is trademark applied for registration or registered trademark in Japan, the United States, and other countries and areas.

Installation Flexibility

Wide-area Lens Shift

The WL7200U features a wide-area lens adjustment range of ±70% vertically and ±30% horizontally, for greater installation freedom. The zoom, focus and lens shift functions are all motorised operations.

*XL7100U: ±60% vertically, ±30% horizontally
*UL7400U: ±60% vertically, ±30% horizontally



Variety of Optional Lenses

Choose from four different lenses to best match the projection distance. Compared to previous lenses, each lens covers a wider range of projection ratios.

Bayonet Mount

The bayonet mounting system incorporated offers one-touch lens removal, making it easy to change lenses after installation. Simply unscrew and removed the anti-drop cover, press down on the release button and turn the lens to remove it. Similarly, to install a lens, just insert it and turn.



Attractive Design

In consideration of ceiling-mounted installations and appearance in terms of room décor, a modern centre-lens, white-based design has been adopted and a terminal cover that hides cables has been added. The remote-control signal receiving section is now located on the rear of the projector, improving remote-control operation performance when mounted on the ceiling.



Eco friendly

4000hr Long-life Lamp*

A light-source lamp capable of operating up to 4,000 hours reduces both operating cost and labour required for replacing lamps.

*When used in low mode.

Stand-by Wattage under 0.3W*

Stand-by (low) mode power consumption is less than 0.3W, offering increased energy savings and further contributing to environmental preservation.

*When in stand-by (low) mode. At this time, use of the LAN function is not possible.

Quiet 30dB* Operation

Fan noise when the projector is in operation can be distracting during a presentation or videoconference. The XL7100U and WL7200U projectors operate at a significantly low noise level of only 30dB (i.e., in "low lamp" mode). As a result, presentations and conferences can be held without distracting projector noise in the background.

*UL7400U: 32dB

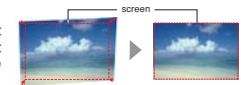
Geometric Corrections

Keystone Correction

Trapezoidal distortion caused when the projector is not positioned directly in front of the screen is corrected in both vertical and horizontal directions.

Cornerstone Correction

Pixel conversion is used to correct trapezoidal and diagonal distortion that causes oblique images, ensuring the proper aspect ratio.



Curved-surface Projection Correction

Projectors in the series are equipped with a distortion correction function that can be used when projecting images onto curved surfaces. Coordinates at the image's four corners are adjusted, enabling the projection angle to be adjusted at the time of angled or stacked projection. It is extremely handy for unique applications like projecting images onto special surfaces such as pillars at event sites.



360° Projection Capability

Images can be projected over a full 360° range along the vertical axis* including reproduction on the ceiling or floor. The application possibilities are limitless.



*Excluding use in high-altitude mode.

ID-compatible Remote Control

(set IDs for up to 63 projectors)

- Extended-distance Remote Control (wireless: 30m, wired: 100m)
- Lamp side replacement

Auto Power Off

If no image signal is detected for a predetermined period of time*, power is automatically turned off, increasing energy savings by reducing needless power consumption.

*Time preset by user

Paint-free Cabinet

As a measure to help protect the environment, eco-conscious paint-free cabinets are incorporated for the XL7100U, WL7200U and UL7400U projectors.

- 2-Screen mode (PinP: XL7100U Split: WL7200U/UL7400U)
- Test pattern
- Direct power off
- Closed caption support
- High-altitude mode (1,500 to 2,700m)
- Virtual DICOM mode
- OSD menu multilingual compatibility (20 languages*)

*Existing languages: Chinese, English, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Swedish
Languages added: Dutch, Indonesian, Malaysian, Norwegian, Thai, Turkish, Vietnamese, Arabic