maxell
Within, the Future

Design and specifications are subject to change without notice.

· The projected images and comparison photos in this catalog are simulations. · LCD panels, polarizers and other optical components, and cooling fans may need replacement after prolonged usage. For more details, please consult a Maxell sales representative. · Do not use in places where there is a lot of water, dampness, steam, dust, soot, or tobacco smoke. This may result in fire or malfunction. · Optical components (light source, DLP® chip, LCD panel, polarizing plate, PBS [polarizer beam splitter]) and cooling fans have limited service lives. They must be repaired or replaced if they are used for a long period of time. · The projectors other than laser light source projectors use a mercury lamp with high internal pressure. Because of its properties, this lamp may burst with a loud noise or burn out if struck or after it has been used for a period of time. The time until it bursts or burns out varies greatly according to differences between lamps and usage conditions. Turning the lamp' s power on and off frequently shortens its service life. · Optical components other than the lamp: If the LCD projector is used for six hours or more per day, they may need to be replaced in less than a year. · LCD panel: If the projector is used continuously for six hours or more, its replacement cycle may be shortened. · Do not turn the projector using a lamp light source on again for ten minutes after shutdown. Neglect can shorten the lifetime of the lamp. · During use and immediately after use, do not touch anywhere near the lamp and the vents as these parts are extremely hot. · Follow the directions in the user's manuals to set up the projector properly. Heed all the warnings and cautions in the manuals or on the product. Visit our website to get the latest manuals. · Each product may have differences of colors, brightness, and focus due to manufacture variation. · Android™ is a trademark of Google Inc. · Blu-ray Disc™, Blu-ray™ and 4K Ultra HD Blu-ray™ are trademarks of Blu-ray Disc Association. · Intel®, Intel® Core™ and Pentium® are trademarks of Intel Corporation in the U.S. and/or other countries. · Crestron® and Crestron RoomView® are registered trademarks of Crestron Electronics, Inc. in the United States and other countries. · DICOM® is the registered trademark of the National Electrical Manufacturers Association for its standards publications relating to digital communications of medical information. · DLP® and the DLP logo are registered trademarks of Texas Instruments. · HDBaseT™ and the HDBaseT Alliance logo are trademarks of the HDBaseT Alliance. · HDMI®, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries. · iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license. · Mac® and macOS are registered trademarks of Apple Inc. · MHL®, the MHL logo, and Mobile High-Definition Link are trademarks or registered trademarks of MHL, LLC in the United States and other countries. · Wi-Fi® and Miracast® are registered trademarks of Wi-Fi Alliance. · Windows® is a trademark, or a registered trademark of Microsoft Corporation in the United States and/or other countries. · DisplayPort™ is trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. · Extron® is registered trademark of RGB Systems, Incorporated. · All other trademarks are the properties of their respective owners.

MP-WU9101B / MP-WU8101W / MP-WU8101B / MP-WU8801W / MP-WU8801B / MP-WU8701W / MP-WU5603 / MP-WU5503 / MP-WX5603 / MP-WX5503 projectors are CLASS 1 LASER PRODUCT (IEC/EN 60825-1:2014). (CLASS 3R LASER PRODUCT (IEC/EN 60825-1:2007) for the U.S.A. and Canada)

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January 2021

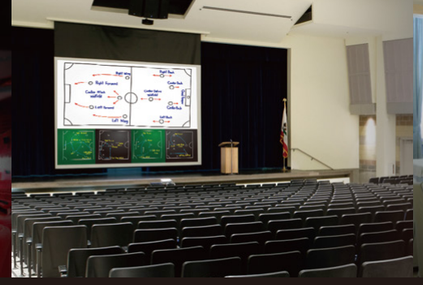
MHP-E030 012021

Projectors
INSTALLATION SERIES

maxell
Within, the Future

Multiplying worldwide connections with
our experienced light and image technology

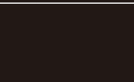
*Projected images are simulations



LINEUP

Local availability may be limited.

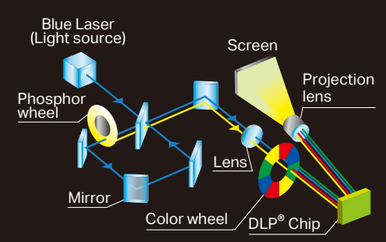
	Model Name WH	Model Name BL	Light Source	Display System	Light Output (Brightness)	Resolution		Standard Outside Dimesions (W × H × D)	Weight	Option Lens*1	Lens Shift	HDBaseT™	Filter Cleaning Interval*2	Features
9000 Series LASER Light Source  MP-WU9101B with the option lens SD-903		MP-WU9101B	Laser diode	1-chip DLP®	10,000 lm	WUXGA (1,920 × 1,200)		500 mm × 216 mm × 576mm (19.7" × 8.5" × 22.7") (Excluding lens and protruding parts)	Approx. 28 kg (61.7 lbs.) (Excluding lens)	✔ (7)	Powered	✔	Filter less	3G SDI Edge Blending Warping
8000 Series LASER Light Source   MP-WU8101W with the option lens ML-713 MP-WU8101B with the option lens ML-713	MP-WU8101W	MP-WU8101B	Laser diode	3 LCD	10,000 lm	WUXGA (1,920 × 1,200)		585 mm × 242 mm × 444 mm (23.0" × 9.5" × 17.5") (Excluding lens and including protruding parts) 582 mm × 215 mm × 431 mm (22.9" × 8.5" × 17.0") (Excluding lens and protruding parts)	Approx. 18.6 kg (41.0 lbs.) (Excluding lens)	✔ (7)	Powered	✔	20,000 hrs.	4K Ready 3G SDI (for MP-WU8101W/B, MP-WU8801W/B) Edge Blending Warping
	MP-WU8801W	MP-WU8801B			8,000 lm				Approx. 18.2 kg (40.1 lbs.) (Excluding lens)				30,000 hrs.	
	MP-WU8701W				7,000 lm									
5000 Series LASER Light Source   MP-WU5603 MP-WX5603	MP-WU5603		Laser diode	3 LCD	6,000 lm	WUXGA (1,920 × 1,200)		512 mm × 154 mm × 424 mm (20.2" × 6.1" × 16.7") (Including protruding parts) 506 mm × 136 mm × 424 mm (19.9" × 5.4" × 16.7") (Excluding protruding parts)	Approx. 8.5 kg (18.7 lbs.)	n/a	Manual	✔	20,000 hrs.	High Magnification Zoom Lens
	MP-WU5503				5,000 lm				Approx. 8.2 kg (18.1 lbs.)					
	MP-WX5603				6,000 lm	WXGA (1,280 × 800)			Approx. 7.9 kg (17.4 lbs.)					
	MP-WX5503				5,000 lm									
8000 Series [Lamp]   MC-WU8701W with the option lens ML-713 MC-WU8701B with the option lens ML-713	MC-WU8701W	MC-WU8701B	430W lamp	3 LCD	7,000 lm	WUXGA (1,920 × 1,200)		501 mm × 167 mm × 437 mm (19.7" × 6.6" × 17.2") (Excluding lens and including protruding parts) 498 mm × 156 mm × 426 mm (19.6" × 6.1" × 16.8") (Excluding lens and protruding parts)	Approx. 11.1 kg (24.5 lbs.) (Excluding lens)	✔ (7)	Powered	✔	20,000 hrs.	3G SDI (for MC-WU8701W/B) Status Monitor Display Edge Blending Warping
	MC-WU8601W		370W lamp		6,000 lm									
	MC-WX8751W	MC-WX8751B	430W lamp		7,500 lm	WXGA (1,280 × 800)								
	MC-WX8651W		370W lamp		6,500 lm									
	MC-X8801W		430W lamp		8,000 lm	XGA (1,024 × 768)								
5000 Series [Lamp]   MC-WU5506M MC-WX5505	MC-WU5506M		300W lamp	3 LCD	5,200 lm	WUXGA (1,920 × 1,200)		466 mm × 138 mm × 339 mm (18.3" × 5.4" × 13.3") (Including protruding parts) 460 mm × 122 mm × 334 mm (18.1" × 4.8" × 13.1") (Excluding protruding parts)	Approx. 7.2 kg (15.9 lbs.)	n/a	Manual	✔	10,000 hrs.	High Magnification Zoom Lens Edge Blending Warping
	MC-WU5505								Approx. 7.1 kg (15.7 lbs.)			n/a		
	MC-WU5501					WXGA (1,280 × 800)		466 mm × 138 mm × 337 mm (18.3" × 5.4" × 13.3") (Including protruding parts) 460 mm × 122 mm × 334 mm (18.1" × 4.8" × 13.1") (Excluding protruding parts)	Approx. 6.8 kg (15.0 lbs.)			✔		
	MC-WX5505											n/a		
	MC-WX5501													
	MC-X5551				5,800 lm	XGA (1,024 × 768)								

*1 The figure in brackets shows the number of optional lenses. *2 This interval depends on the environment.

1-Chip DLP®

Projection method that uses a single DLP® chip to switch the red, green, and blue signals according to the color wheel. This method provides excellent color uniformity of images, durability, and is suitable for multiple projections and 24-hour use.

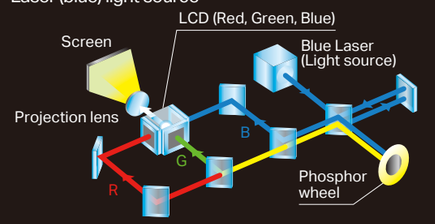
Laser (blue) light source



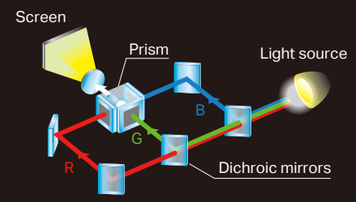
3 LCD Chips with Inorganic Alignment Layers

Projectors incorporate three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They provide smooth images and high reliability.

Laser (blue) light source



Lamp light source



DLP
TEXAS INSTRUMENTS

With a stable projection performance and high installability, the laser projector is suitable for various purposes.

9000 Series [Laser]

LINEUP

MP-WU9101B

WUXGA | 10,000 lm

LASER Light Source

HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE

HDBT™

Option lens

FL-920
Ultra short throw fixed lens
Zoom : ×1.0

USL-901A
Ultra short throw lens
Zoom : ×1.3

SL-902
Short throw lens
Zoom : ×1.5

SD-903
Standard lens
Zoom : ×1.5

ML-904
Middle throw lens
Zoom : ×1.5

LL-905
Long throw lens
Zoom : ×1.6

UL-906
Ultra long throw lens
Zoom : ×1.6

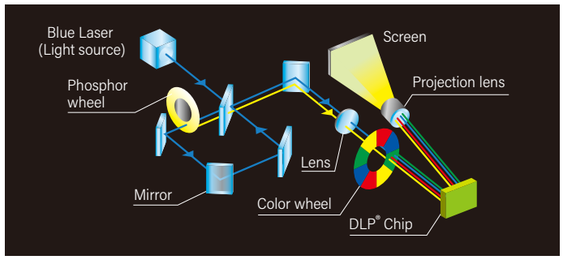
* The lens of the projector is sold separately. * Local availability may be limited.

High Reliability and Stability

Long life 20,000-hour*1 Laser light source

Light source combined Blue laser diodes and Phosphor can achieve high brightness of 10,000 Lumens. The projection image is a bright, clear, and vivid in color. Since lamp exchange is unnecessary, maintenance cost is reduced. Furthermore, you do not need to worry about lamp life, and it is fit for digital signage purposes that require long hours of continuous projection. Because the product does not use mercury lamps, it is eco-friendly.

*1 For laser light source. Not a guaranteed value.



Wide range of Color Reproduction

The color reproduction range is wide compared to lamp light projectors and projects brilliantly colored images.

Dust resistant structure by sealed engine

Reduces the invasion of dust and other particles in the air that decrease the brightness when they get attached to the optical parts. Reduces the decrease in brightness due to dust, resulting in a long lasting bright, clear, and vivid colored picture.
Eliminates the intake filter and filter maintenance.

Laser Power Level Control

Power of laser light source is controllable by every 1% step*2.
You can adjust brightness of the projection image to fit the luminance of the environment and can save power consumption.
This feature helps you to adjust the similar brightness of projectors, for example, the side-by-side projection and edge blending applications.

*2 The adjustment range is 20 ~ 100% at Custom mode.

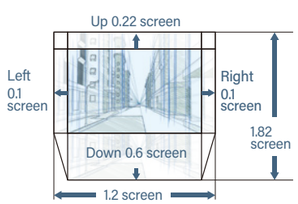
Tunes brightness of image according to surrounding environment.

Matches brightness of images projected side by side.

Interchangeable Lens Options

Motorized Lens Shift

The motorized lens shift lets you choose a more convenient installation location, even for large spaces.



* This figure shows the lens shift range for the projector with the optional lens SD-903 at the ceiling mounting position. For the other lens, please see page 27.
* This figure is not drawn to scale.

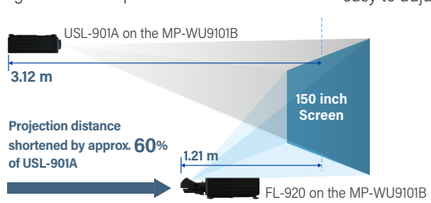
Ultra Short Throw fixed lens FL-920 features

All Glass Lens

FL-920 uses all glass lenses that reduce the blurring that occurs under changes between high and low temperature.

Ceiling mount HAS-404U

Ceiling mount bracket with 6-axis adjustment mechanism. Adopting the Jack system, it is easy to adjust elevation.

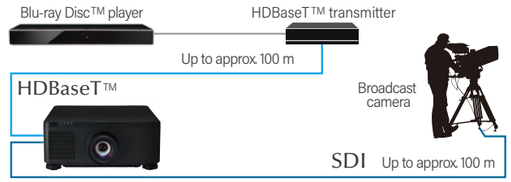


* Secure a clearance of 50 cm or greater between the exhaust vents and a screen or walls.
* This figure is not drawn to scale.

Advanced Installability

Digital Connectivity

Equipped with an SDI input, the standard in the broadcast industry. 3G SDI can transfer 1080P signals via a coaxial cable. Projectors provide 5 digital inputs; SDI, HDBaseT™, HDMI®1/2, and DVI-D.



Edge Blending

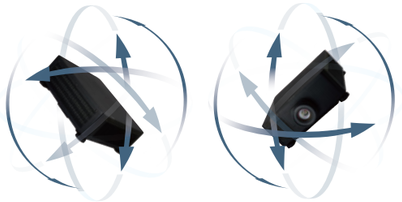
The projector is equipped with the Edge Blending function that achieves further seamless projection of one image using multiple projectors.

* Additional equipment may be required for this feature.

360° Projection

This projector provides great installation flexibility as it can be installed at various angles*3.

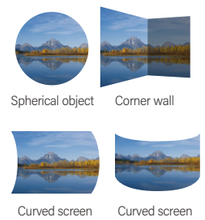
*3 The life of optical parts may shorten if the projector is installed with the lens facing downward or the IO connector side upward.



Warping

This feature enables to project pictures on spherical surfaces and surfaces with corners, as well as conventional flat screens. You can project a huge image even on a curved screen by using the edge blending function simultaneously.

* The application can be downloaded from the website (https://proj.maxell.co.jp/en/).



High Image Quality and Visibility

ACCENTUALIZER

This function makes pictures look more real by enhancing shade, sharpness, and gloss to make pictures clear. You can also adjust the effects by three levels according to your surroundings, video contents, etc.

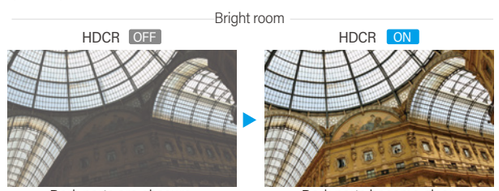
* Comparison photos are simulations.

Original image — Increased shade, sharpness, and gloss

HDCR (High Dynamic Contrast Range)

When average projectors are used in bright rooms, the darker colors of an image deteriorate and images become unclear. Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increasing contrast occurs. This results in clear images even in bright rooms.

* Comparison photos are simulations.



Dark parts are obscure. — Dark parts become clear.

Event Halls | Large Conference Rooms

8000 Series [Laser]

High brightness to 10,000 lm, but also pursuit of detail in image quality and better visibility

LINEUP

	MP-WU8101W / MP-WU8101B	MP-WU8801W / MP-WU8801B	MP-WU8701W
	WUXGA 10,000 lm	WUXGA 8,000 lm	WUXGA 7,000 lm
	LASER Light Source	LASER Light Source	LASER Light Source

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

HDBT™

Option lens

FL-720
Ultra short throw fixed lens
Zoom : ×1.0

USL-701
Ultra short throw lens
Zoom : ×1.3

FL-701
Fixed short throw lens
Zoom : ×1.0

SL-712
Short throw lens
Zoom : ×1.5

ML-713
Middle throw lens
Zoom : ×1.7

LL-704
Long throw lens
Zoom : ×1.7

UL-705
Ultra long throw lens
Zoom : ×1.7

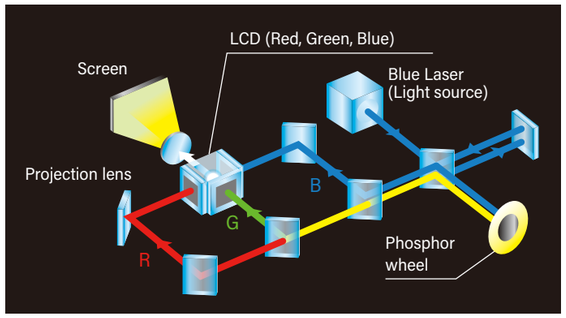
* The lens of the projector is sold separately. * Local availability may be limited.

High Reliability and Stability

Long Life 20,000-hour Laser Light Source

Maxell' s laser light source projectors have 20,000 hours*1 of light source life. Use for 50,000 hours*1 can be achieved in LONG LIFE 2 mode. Also, users may select their desired operation mode. Furthermore, in addition to the light source, the phosphor wheel is also dust resistant, suppressing brightness level reduction by preventing dust from coming into contact with the optical parts. And also this model includes a hybrid filter that requires less maintenance and cleaning, making 20,000 hours*2 of continuous operation possible. Users can enjoy using the projector for long periods of time while maintaining its brightness. Additionally, though the MP-WU8101W/B is a 10,000 lm projector, it has achieved a low noise of 38 dB. This is an suitable feature for presentations and seminars.

*1 For laser light source. The value is an estimate and may vary depending on the use environment or use condition.
*2 Only for MP-WU8101W and MP-WU8101B. 30,000 hours for MP-WU8801W, MP-WU8801B, and MP-WU8701B.



Brightness Deterioration Comparison between Light Output Modes

* This is for illustrative purposes only.

MP-WU8101W / MP-WU8101B

LIGHT OUTPUT	Brightness*3	Light source life*4	Noise*5
NORMAL	10,000 lm	20,000 hours	38 dB
LONG LIFE 1	7,500 lm	30,000 hours	
LONG LIFE 2	5,000 lm	50,000 hours	
WHISPER	5,000 lm	20,000 hours	33 dB

MP-WU8801W / MP-WU8801B

LIGHT OUTPUT	Brightness*3	Light source life*4	Noise*5
NORMAL	8,000 lm	20,000 hours	34 dB
LONG LIFE 1	6,000 lm	30,000 hours	
LONG LIFE 2	4,000 lm	50,000 hours	
WHISPER	4,000 lm	20,000 hours	26 dB

MP-WU8701W

LIGHT OUTPUT	Brightness*3	Light source life*4	Noise*5
NORMAL	7,000 lm	20,000 hours	32 dB
LONG LIFE 1	5,250 lm	30,000 hours	
LONG LIFE 2	3,500 lm	50,000 hours	
WHISPER	3,500 lm	20,000 hours	26 dB

*3 These are reference values and may vary depending on products.
*4 The values are an estimate and may vary depending on the usage environment or use condition.
*5 Reference values when used in an ambient temperature of 23°C. The noise level varies by the projector model, installation environment, and use condition.

High Image Quality

Contrast Optimizer

This is Maxell's original technology that enhances the contrast according to the brightness of the input image and improves visibility.
The dynamic range of each part of the image is stretched to display an image with a wider range of expression of blackouts and bright areas of the image.

Dark scene

Bright scene

* Comparison photos are simulations.
* Only for MP-WU8101W and MP-WU8101B.
* This function is disabled when the EDGE BLENDING function or the PbyP / PinP function is enabled.
* This function is disabled when HDR DETECT is enabled and HDR signal is input.
* Even if this function is set to ON, this function may be disabled depending on the PICTURE MODE setting.

HDR Detect

Receives the 4K HDR signals*1 and expresses rich tones in dark and bright areas of the scene.

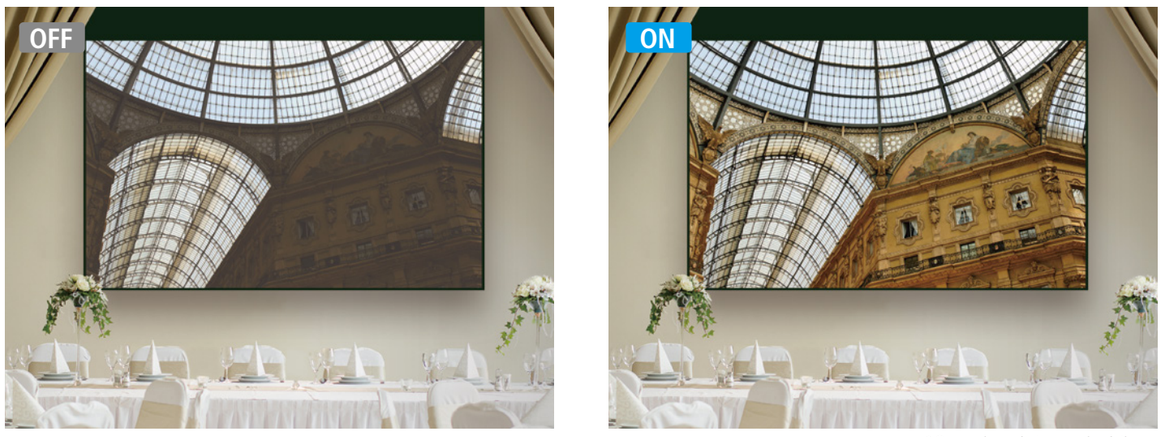
* 1 Converted to WUXGA (1920 × 1200) resolution size.
  4K signals can be received from HDMI®1, HDBaseT™, and DisplayPort™.

* Comparison photos are simulations.
* Only for MP-WU8101W and MP-WU8101B.
* Selected picture mode is not reflected when this function is enabled and HDR signal is input.

ACCENTUALIZER and HDCR

ACCENTUALIZER makes pictures look more real by enhancing shade, sharpness, and gloss to make pictures clearer. The HDCR function corrects blurred images caused by room lighting or outside light sources, and creates an effect similar to increasing contrast, resulting in clear images even in bright rooms.

Bright room



* Comparison photos are simulations.

Installability and System Features

Edge Blending

The projector is equipped with the Edge Blending function that achieves further seamless projection of one image using multiple projectors.

* Additional equipment may be required for this feature.

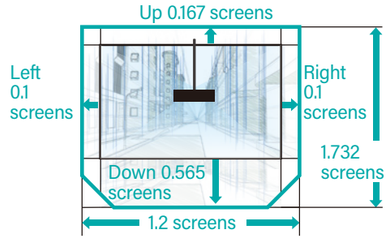
Multi Screen Mode

When projecting the screens of multiple projectors side by side or edge blending, this function allows to reduce differences of color tone and brightness between them.

* Only for MP-WU8101W and MP-WU8101B.

Lens shift area

The motorized lens shift lets you choose a more convenient installation location, even for large spaces.



* This figure shows the lens shift range for the projector with the optional lens ML-713 at the ceiling mounting position.
* This figure is not drawn to scale.

4K Ready *2

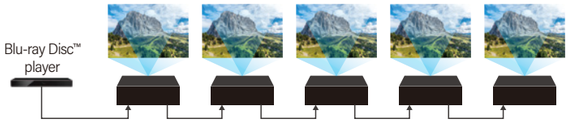
The projectors allow 4K signal input on HDMI®1, HDBaseT™, and DisplayPort™ input terminals. You can enjoy much better viewing experiences with a 4K Ultra HD Blu-ray Disc™ player or other devices.

*2 4096 × 2160 are supported on the HDMI®1, HDBaseT™, and DisplayPort™ terminals. However, part of 4K signal input from HDBaseT™ and DisplayPort™ are not received. Please refer to the User's Manual (detailed) Operating Guide and Operating Guide - Technical for details.

HDMI® OUT

Transfers the input signal on the HDMI®1 or HDBaseT™ terminal to another device. It allows to connect the projectors*3 in series in order to project the same image simultaneously without using an HDMI® splitter or switcher product.

*3 Up to 4 projectors can be connected in series for the HDMI® OUT terminal of the projector. The number of devices that can be connected varies depending on the HDCP version, the restriction of the number of devices for HDCP repetition of the source device, and the quality of the cable.



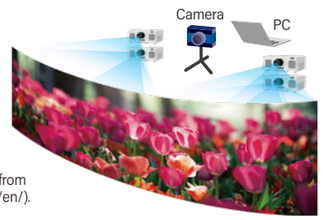
Warping

This function is possible from your computer by using the specialized application. Projection is possible on spherical surfaces and surfaces with corners, as well as conventional flat screens.

* The application can be downloaded from the website (https://proj.maxell.co.jp/en/).

Camera Blending (Projector Blending Tool 3)

Capable of projecting smooth blended images using up to 12 projectors with an external camera unit. Please see page 14 for details.



* The application can be downloaded from the website (https://proj.maxell.co.jp/en/).
* This figure is not drawn to scale.

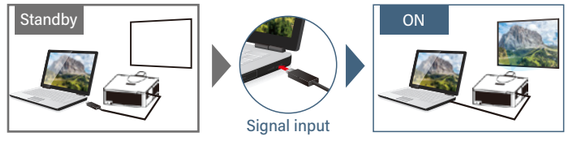
360° Projection

The projector provides great installation flexibility as it can be installed at various angles. By rotating the projector 90 degrees, you can project vertically long images (Portrait Projection).

* When the ultra long throw lens UL-705 is attached, the projector cannot be installed facing its projection lens upward or downward.

Auto Power ON *4

The projector power can be turned on to display the input image automatically when the input signal comes from connected devices.



*4 Supported input terminals are COMPUTER IN, HDMI®2, and VIDEO. This function is unavailable when STANDBY MODE is set to NETWORK (WOL) or SAVING.
This function may work unintentionally by the connected external devices.

Other Features

[Network]：Projector Control, Easy Scheduling Setting, Network presentation
[Installability]：Perfect Fit, Instant Stack
[Security]：PIN lock, Key lock
[Usability]：Auto Power On, Direct Power On/Off, Magnify, PbyP / PinP, Remote ID, Quick Start, DICOM® Simulation Mode*5

*5 This projector is not a medical device and is not compliant with the DICOM® standard, and neither the projector nor the DICOM® Simulation Mode should be used for medical diagnosis.

High resolution and low noise laser projector,
suitable for use in lecture rooms
and mid-sized conference rooms

5000 Series [Laser]

LINEUP

MP-WU5603
WUXGA 6,000 lm
LASER Light Source

MP-WU5503
WUXGA 5,000 lm
LASER Light Source

MP-WX5603
WXGA 6,000 lm
LASER Light Source

MP-WX5503
WXGA 5,000 lm
LASER Light Source

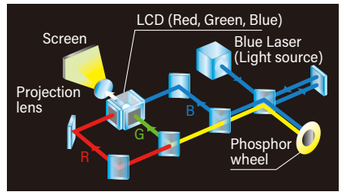
HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE
HDBT™

* Local availability may be limited.

High Reliability and Stability

Long Life 20,000-hour Laser Light Source

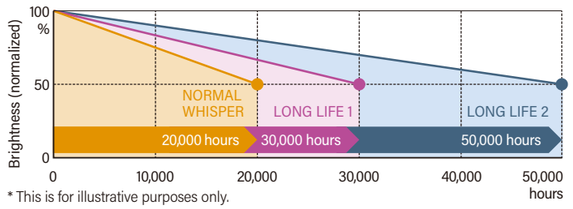
Maxell's laser light source projectors have 20,000 hours*1 of light source life. Use for 50,000 hours*1 can be achieved in LONG LIFE 2 mode. Also, users may select their desired operation mode.
Furthermore, in addition to the light source, the phosphor wheel is also dust resistant, suppressing brightness level reduction by preventing dust from coming into contact with the optical parts.
Users can enjoy using the projector for long periods of time while maintaining its brightness.
Additionally, though the device is a 5,000 lm projector, it has achieved a low noise of 32 dB. This is an suitable feature for presentations and seminars.



*1 For laser light source. The value is an estimate and may vary depending on the use environment or use condition.

LIGHT OUTPUT	Brightness*2 MP-WU5603 MP-WX5603	Brightness*2 MP-WU5503 MP-WX5503	Light source life*3	Noise*4 MP-WU5603 MP-WX5603	Noise*4 MP-WU5503 MP-WX5503
NORMAL	6,000 lm	5,000 lm	20,000 hours	36 dB	32 dB
LONG LIFE 1	4,500 lm	3,750 lm	30,000 hours		
LONG LIFE 2	3,000 lm	2,500 lm	50,000 hours		
WHISPER	3,000 lm	2,500 lm	20,000 hours	27 dB	

Brightness Deterioration Comparison between Light Output Modes



* This is for illustrative purposes only.

*2 These are reference values and may vary depending on products. *3 The values are an estimate and may vary depending on the usage environment or use condition. *4 Reference values when used in an ambient temperature of 23°C. The noise level varies by the projector model, installation environment, and use condition.

Hybrid Filter

Hybrid Filter requires less frequent maintenance and cleaning, making 20,000 hours of operation possible*5.

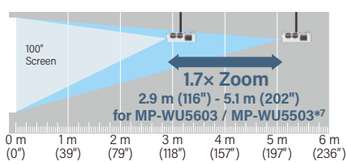
*5 This is an estimate of the acceleration test performed under the condition of 50 mg / m^3 suspension dust concentration using JIS (Japanese Industrial Standards) standard powder. Cleaning intervals vary depending on the use environment.

Installability

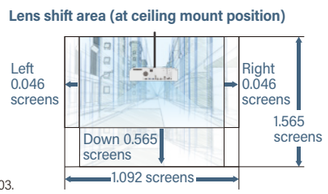
Lens shift and zoom lens

MP-WU5603 and MP-WU5503 projectors feature a powerful 1.7× manual zoom lens*6, the projectors allow for a greater range of installation possibilities. Manually shift the lens horizontally and vertically to position the image on the screen without causing keystone distortion.

*6 MP-WX5603 and MP-WX5503 projectors have a 1.6x manual zoom lens. *The figures are not drawn to scale.



Lens shift area (at ceiling mount position)



*7 1.6x Zoom, 2.7 m (105") - 4.4 m (173") for MP-WX5603 / MP-WX5503.

360° Projection

The projector provides great installation flexibility as it can be installed at various angles. By rotating the projector 90 degrees, you can project vertically long images (Portrait Projection).

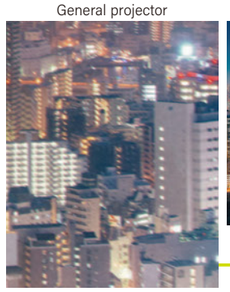
High Image Quality

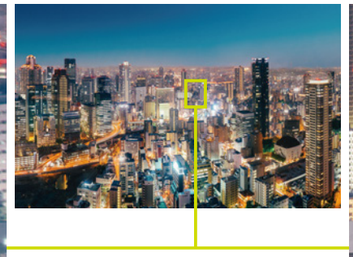
High Definition Projection Lens*8

The 18-lens configuration in this model is appropriately arranged with not only the aspherical lens but also ED lens (extra low dispersion lens) and HR lens (high refractive index lens) made of special glass material. These special lenses are often used in high-end SLR cameras for providing sharper imaging performance and reducing color blur at screen corners.

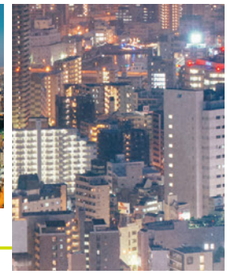
*8 Only for MP-WU5603 and MP-WU5503.

General projector

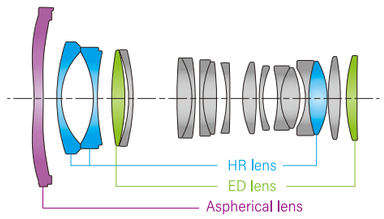




MP-WU5603 and MP-WU5503



High Definition Projection Lens*8



* Comparison photos are simulations.

ACCENTUALIZER and HDCR

ACCENTUALIZER makes pictures look more real by enhancing shade, sharpness, and gloss to make pictures clearer. The HDCR function corrects blurred images caused by room lighting or outside light sources, and creates an effect similar to increasing contrast, resulting in clear images even in bright rooms.

* Comparison photos are simulations.

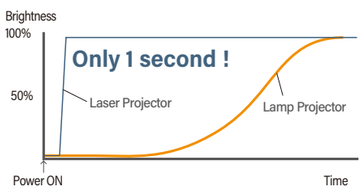
Bright room HDCR OFF

Bright room HDCR ON

Quick Start *9

When STAND BY MODE is set to QUICK START, projection starts within 1 second*10 of turning on. You can use this to start presentations and classes quickly.

*9 The standby power consumption of the mode is higher than the other modes.
*10 It may take approx. 8 seconds depending on the duration time of standby and the input signal.



* This is for illustrative purposes only.

Auto Power ON *11

The projector can turn the power on to display the input image automatically when the input signal comes from connected devices.

*11 Supported input terminals are COMPUTER IN 1, HDMI*2, and VIDEO. This function is unavailable when STANDBY MODE is set to NETWORK (WOL) or SAVING.
This function may work unintentionally by the connected external devices.

8000 Series [Lamp]

Seamless design and High image quality

Providing advanced functions and flexible installation features

LINEUP

WH MC-WU8701W
BL MC-WU8701B
WUXGA 7,000 lm

WH MC-WU8601W
WUXGA 6,000 lm

WH MC-WX8751W
BL MC-WX8751B
WXGA 7,500 lm

WH MC-WX8651W
WXGA 6,500 lm

WH MC-X8801W
XGA 8,000 lm

HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE

HDBT™ Alliance

Option lens

FL-710
Ultra short throw fixed lens
Zoom : ×1.0

USL-701
Ultra short throw lens
Zoom : ×1.3

FL-701
Fixed short throw lens
Zoom : ×1.0

SL-712
Short throw lens
Zoom : ×1.5

ML-713
Middle throw lens
Zoom : ×1.7

LL-704
Long throw lens
Zoom : ×1.7

UL-705
Ultra long throw lens
Zoom : ×1.7

* The lens of the projector is sold separately. * Local availability may be limited.

High Image Quality and Visibility

ACCENTUALIZER and HDCR

ACCENTUALIZER makes pictures look more real by enhancing shade, sharpness, and gloss, to make pictures clearer. The HDCR function corrects blurred images caused by room lighting or outside light sources and creates an effect similar to increasing contrast, resulting in clear images even in bright rooms.

* Comparison photos are simulations.

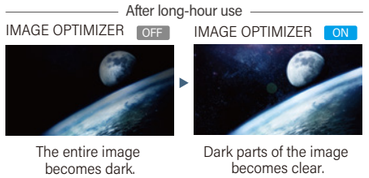
Bright room

IMAGE OPTIMIZER

Equipped with IMAGE OPTIMIZER that maintains visibility of an image through automatic image correction in accordance with lamp condition.

* This function may not work properly when HDCR and/or ACCENTUALIZER is ON.
* Comparison photos are simulations.

After long-hour use



The entire image becomes dark.

Dark parts of the image becomes clear.

COLOR MANAGEMENT

This feature allows you to change the HUE, SATURATION, and LUMINANCE for each of 6 colors (red, green, blue, cyan, magenta, and yellow) without influencing each other. With this technology, for example, you can change only bluish colors, such as the sky, while maintaining the other colors by adjusting the HUE of the blue.

* Comparison photos are simulations.

Advanced Installability and System Features for Various Uses

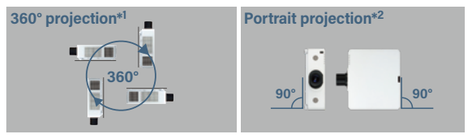
Warping

This function is possible from your computer by using the specialized application. Projection is possible on spherical surfaces and surfaces with corners, as well as conventional flat screens.

* The application can be downloaded from the website (https://proj.maxell.co.jp/en/).

Various Installation

Projectors can be installed facing vertical 360 degrees directions*1. In addition, by rotating the installation position of the projector 90 degrees*2, you can project images that are vertically long. These features make it possible to provide various displays and image representations.

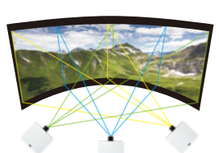


*1 When the ultra long throw lens UL-705 is attached, the projector cannot be installed facing its projection lens upward or downward.
*2 Limited to the position where the lamp door side faces upward. When the projector is used in a portrait installation, the service life of a lamp becomes shorter.

Edge Blending

The projectors are equipped with the Edge Blending function that achieves further seamless projection of one image using multiple projectors, and allows to project on a huge curved screen by using the warping simultaneously.

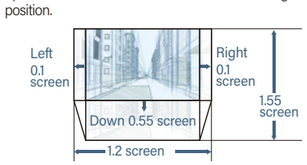
* Additionals equipment may be required for this feature.
* This figure is not drawn to scale.



Motorized Lens Shift

The motorized lens shift lets you choose more convenient installation locations, even for large spaces.

* The figure below shows the lens shift range for MC-WU8701W / MC-WU8701B / MC-WU8601W / MC-WX8751W / MC-WX8751B / MC-WX8651W with the optional middle throw lens ML-713 at the ceiling mounting position.

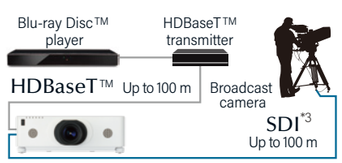


* This figure is not drawn to scale.

Digital Connectivity

Equipped with 2 HDMI® input terminals for the current widely-used interface. In addition, these models have more rich digital connectivity, DisplayPort™, HDBaseT™, and SDI*3 input terminals.

*3 SDI terminal is located on the MC-WU8701W/B only.



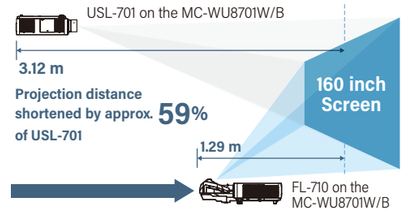
Ultra Short Throw fixed lens FL-710 features

All Glass Lens

FL-710 uses all glass lenses that reduce the blurring that occurs under changes between high and low temperature.

Ceiling mount HAS-404U

Ceiling mount bracket with 6-axis adjustment mechanism. Adopting the Jack system, it is easy to adjust elevation.



* Secure a clearance of 50 cm or greater between the exhaust vents and a screen or walls. * This figure is not drawn to scale.

Seamless Design *4

With the terminal cover, you can install the projector seamlessly.

* You may not be able to attach the terminal cover when cables and devices are connected to the connectors other than the HDBaseT™ terminal.
*4 This function is not supported and no terminal cover is bundled in some regions and countries.

High Reliability and Stability

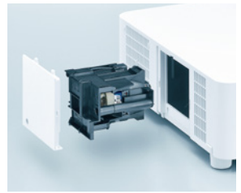
Hybrid Filter

The projectors use three layers of static electrode filters. The filters can last up to 20,000 hours*5 without cleaning, reducing maintenance time.

*5 This is an estimate of the acceleration test performed under the condition of 50 mg / m³ suspension dust concentration using JIS (Japanese Industrial Standards) standard powder. Cleaning intervals vary depending on the use environment.

Easy Maintenance

The lamp door and the filter cover are located on both sides, facilitating maintenance and replacement when the projector is installed on the ceiling. The serial number and MAC address are also labeled on the side chassis for easy readability.



Status Monitor

The status monitor is a sub-LCD located on the rear panel of the projector. It displays the present condition of the projector, including errors, setup information, and error history.

Real time monitoring
- Lamp time ・Filter time
- Projector usage time
- IP Address

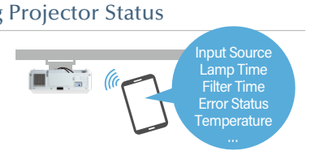
Error and alarm message
- Cover error ・Lamp error
- Temperature error
- Filter cleaning time

and more...

An error message turns on.

Monitoring Projector Status

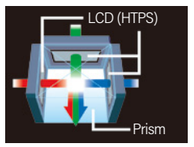
The projectors allow you to get the information displayed on the status monitor and more by your tablet or smartphone with the latest dedicated free online application when you need, even if you are not close to the projector.



* Available information depends on the model of projector.
The optional USB wireless adapter USB-WL-11N supporting IEEE802.11b / g / n is required when you connect the projector to a wireless network.

Inorganic LCD panels

Maxell 3LCD projectors incorporate three LCD panels with inorganic alignment layers that are light resistant, increasing brightness and contrast ratio. They provide smooth images and high reliability.



HTPS (High Temperature Poly-Silicon)

Other Features

[Network] : Projector Control, Wireless capability (option), Easy Scheduling Setting, Network presentation **[Installability]** : Perfect Fit, Instant Stack, Lens center design **[Security]** : PIN lock, Key lock, Lens lock **[Usability]** : Multi-language user menu, Direct Power On / Off, Magnify, PbyP / PinP, DICOM® simulation mode*6, Remote ID, Wired / Wireless (IR) remote control

*6 This projector is not a medical device and is not compliant with the DICOM® standard, and neither the projector nor the DICOM® Simulation Mode should be used for medical diagnosis.

LINEUP

MC-WU5506M
WUXGA 5,200 lm
Miracast®

MC-WU5505
WUXGA 5,200 lm

MC-WX5505
WXGA 5,200 lm

HDMI® HDBT™ MHL™

MC-WU5501
WUXGA 5,200 lm

MC-WX5501
WXGA 5,200 lm

MC-X5551
XGA 5,800 lm

HDMI® MHL™

* Local availability may be limited.

High Image Quality and Visibility

HDCR (High Dynamic Contrast Range)

When average projectors are used in bright rooms, the darker colors of an image deteriorate and images become unclear.
Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increasing contrast occurs. This results in clear images even in bright rooms.

Bright room

HDCR OFF

Dark parts are obscure.

HDCR ON

Dark parts are clear. (Distinct)

* Comparison photos are simulations.

IMAGE OPTIMIZER

Equipped with IMAGE OPTIMIZER that maintains visibility of an image through automatic image correction in accordance with lamp condition.

* This function may not work properly when HDCR and/or ACCENTUALIZER is ON.

After long-hour use

IMAGE OPTIMIZER OFF

The entire image becomes dark.

IMAGE OPTIMIZER ON

Dark parts of the image become clear.

* Comparison photos are simulations.

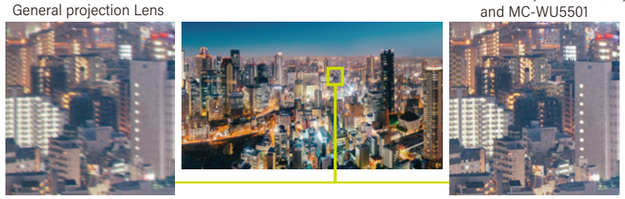
High Definition Projection Lens*1

The 18-lens configuration in this model is appropriately arranged with not only the aspherical lens but also ED lens (extra low dispersion lens) and HR lens (high refractive index lens) made of special glass material. These special lenses are often used in high-end SLR cameras for providing sharper imaging performance and reducing color blur at screen corners.

*1 Only for MC-WU5506M, MC-WU5505, and MC-WU5501.

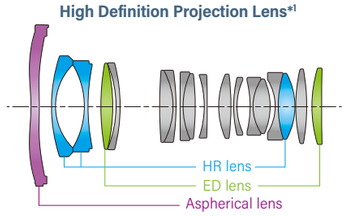
General projection Lens

MC-WU5506M, MC-WU5505, and MC-WU5501



* Comparison photos are simulations.

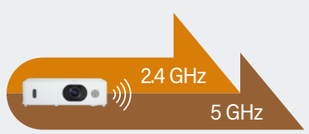
High Definition Projection Lens*1



Network features for MC-WU5506M

Wireless

MC-WU5506M provides a stable wireless network environment by supporting wireless dual band (2.4 GHz / 5 GHz).



* The use of projector's wireless function might be limited depending on the country and region.

Screen Mirroring

Capable of wirelessly projecting images including photos, videos, or web pages from Miracast®-compatible devices.

* Projection may be unavailable depending on the device or content.

LiveViewer Pro Applications

LiveViewer Pro is an application that projects mirrored screens and a variety of content from your devices to the projectors by transferring them through a wireless LAN.

- LiveViewer Pro for Windows® / macOS : Screen Mirroring, Projector Control, Single / Multi Display Projection, Moderator Control Mode
- LiveViewer Pro for iOS / Android™ : Movie / Music Streaming, Picture / Document / Web / Document Camera Projection, Projector Control, Single / Multi Display Projection, Moderator Control Mode
- The projectors are not compatible with previous application software "LiveViewer" and "Projector Quick Connection".

Installability and System Features

Instant Stack

Instant Stack lets you place one projector on top of another to project the same image from both onto a screen for added brightness. Overlaying the image is made easier with built-in tools including RS-232C control, Perfect Fit, Lens Shift, test pattern, and stacking alignment peg holes.

* When stacking projectors, there are various precautions and function limitations you should be aware of. Please ask your dealer for details.

Dual mode

Turns on the projectors at the same time.

Alternate mode

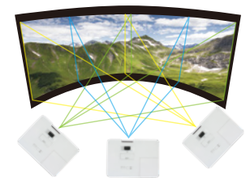
Turns on the projectors alternately.

Backup function

When ALTERNATE is selected and an error occurs on one projector in operation, causing the lamp to turn off, the other projector in standby will automatically start to operate.

Edge Blending & Warping

The multiple projectors allow to project one image on a huge curved screen by using the geometry correction and the edge blending functions simultaneously.



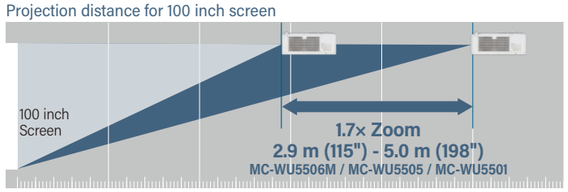
* Additional equipment may be required for this feature.
* If geometry correction is required, please download Projector Warping Tool from the website (https://proj.maxell.co.jp/en/).
* This figure is not drawn to scale.

1.7× Zoom*2 lens, Lens shift

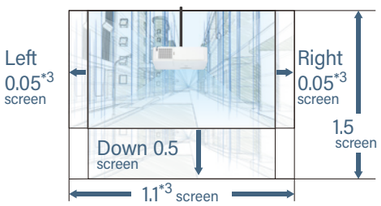
Featuring a powerful manual zoom lens, the projectors allow for a greater range of installation possibilities. Manually shift the lens horizontally and vertically, to position the image on the screen without causing keystone distortion.

*2 MC-WX5505 / MC-WX5501 / MC-X5551 : 1.6× zoom

Projection distance for 100 inch screen



* This figure is not drawn to scale.



*3 0.044 screen to left or right (Total 1.088 screen) for MC-WU5506M / MC-WU5505 / MC-WU5501.
* The figures are not drawn to scale.

Hybrid Filter

The projectors use two layers of static electrode filters. The filters can last up to 10,000 hours*4 without cleaning, reducing maintenance time.

*4 Varies according to usage environment.

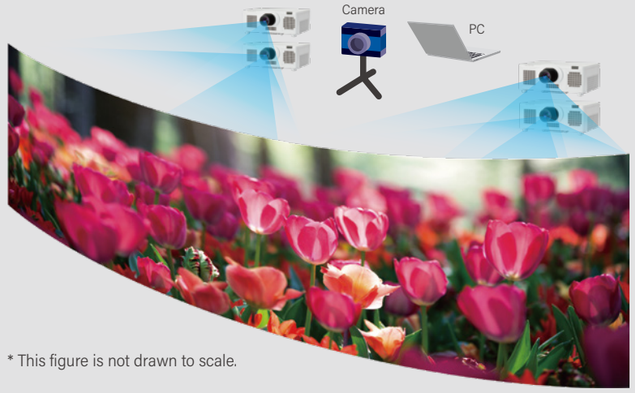
Other Features

[Network] : Projector Control, Wireless capability (option*5), Easy Scheduling Setting, Network presentation, Smart device control **[Installability]** : Perfect Fit **[Security]** : PIN lock, Key lock **[Usability]** : MHL® input, Multi-language user menu, Direct Power On / Off, Magnify, PbyP / PinP, DICOM® simulation mode*6, Remote ID (option), Wired / Wireless (IR) remote control (option)

*5 Without MC-WU5506M.
*6 This projector is not a medical device and is not compliant with the DICOM® standard, and neither the projector nor the DICOM® Simulation Mode should be used for medical diagnosis.

Application software that enables projection to various screens

Capable of blending, Stacking and Warping
Projector Blending Tool 3



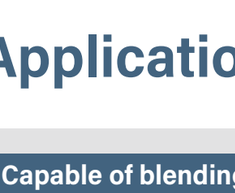
* This figure is not drawn to scale.

We propose an application designed to automatically realize smooth blending and stacking of up to 12 projectors by an external camera unit.

Set-up procedure

Step1

Adjust the lens zoom / shift / focus to cover the whole screen area.
Screen area

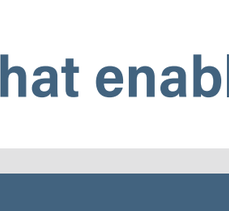


Step2

Use the application to define a spatial grid to and then make images for blending and/or stacking.

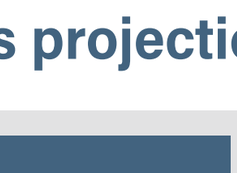
Step3

Adjust the balance of color and brightness for each projector.



Step4

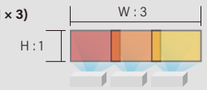
Furthermore, the screen position can be fine tuned by the Projector Warping Tool.



Projection images configuration

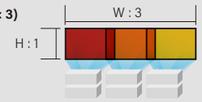
■ **Blending Configuration (H × W / W × H)**
1 × 1, 1 × 2, 1 × 3, 1 × 4, 1 × 5, 1 × 6,
2 × 2, 2 × 3, 2 × 4, 2 × 5, 2 × 6, 3 × 3

For example (1 × 3)



■ **Stacking Configuration (H × W / W × H)**
Two projector units per image
1 × 1, 1 × 2, 1 × 3, 1 × 4, 1 × 5, 1 × 6, 2 × 2, 2 × 3

For example (1 × 3)



Maintenance Scheduler*

In case the projection position slightly shifts across time, it is possible to correct it to its initial setting on a designated time interval.

* Automatic adjustment is not possible if part of the projection screen is out of the camera recording range.
* This function does not adjust any color.

Specifications

Supported Projectors		MP-WU8101W, MP-WU8101B, MP-WU8801W, MP-WU8801B, MP-WU8701W
Connection		Wired LAN (recommended) or Wireless LAN, Camera: USB
Number of Projectors		Up to 12 units
Functions		Geometry Correction, Edge Blending, Stacking, Color Adjustment
PC Requirement	OS	Windows® 10
	CPU	Intel® Core™ i3 Processor or higher
	Memory	6 GB or more
	Hard Disc	Minimum 25 GB free space for installation
	Graphics card	OpenGL 3.0 or higher
.NET Framework		.NET Framework 4.5 or later
Camera		Webcam and DSLR camera that Maxell specifies. Please refer to the User's Manual for details.

Easily project large portraits or landscapes
Projector Blending Tool 2

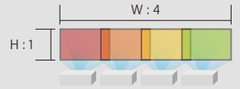
* This figure is not drawn to scale.

Easily perform blending installation using up to 4 projectors with an external camera unit.

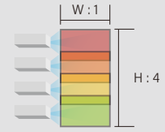
Projection image configuration

■ **Blending Configuration (H × W / W × H)**
1 × 1, 1 × 2, 1 × 3, 1 × 4, 2 × 2

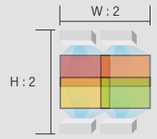
For example (1 × 4)



(4 × 1)



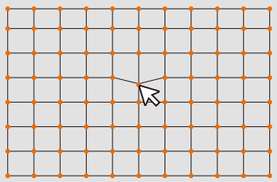
(2 × 2)



Specifications

Supported Projectors		MC-WU8601W, MC-WU8701W/B, MC-WX8651W, MC-WX8751W/B, MC-X8801W
Connection		Wired LAN (recommended) or Wireless LAN, Camera: USB
Number of Projectors		Up to 4 units
Functions		Edge Blending, Color Adjustment
PC Requirement	OS	Windows® 8.1, Windows® 10
	CPU	Intel® Pentium® 4 2.8 GHz or higher
	Memory	1 GB or more
	Hard Disc	Minimum 150 MB free space for installation
Camera		Webcam and DSLR camera that Maxell specifies. Please refer to the User's Manual for details.

Application to perform various types of "geometric corrections"
Projector Warping Tool



Warp map

* This is for illustrative purposes only.

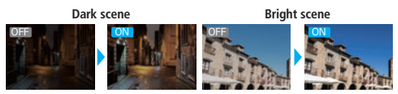
This function is possible from your computer by using the specialized application. Projection is possible on spherical surfaces and surfaces with corners, as well as conventional flat screens.
Each point's position of the warp map can be adjusted*.
In the case of XGA models, there are 221 points and for WXGA and WUXGA models, there are 187 points.

* The range in which each point can be moved is limited.

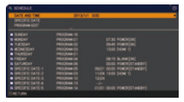
Specifications

Supported Projectors		MP-WU9101B, MP-WU8101W, MP-WU8101B, MP-WU8801W, MP-WU8801B, MP-WU8701W, MC-WU8701W, MC-WU8701B, MC-WU8601W, MC-WX8751W, MC-WX8751B, MCWX8651W, MC-X8801W, MC-WU5506M, MC-WU5505, MC-WU5501, MC-WX5505, MC-WX5501, MC-X5551
Connection		Wired LAN (recommended) or Wireless LAN
Functions		Geometry Correction
PC Requirement	OS	Windows® 8.1, Windows® 10
	CPU	Acceptable CPU to meet the system requirements of the operating system above
	Memory	1 GB or more
	Hard Disc	Minimum 150 MB free space for installation

Features

	Features		1DLP®	3LCD																	
			9000 Series	8000 Series [Laser]			5000 Series [Laser]				8000 Series [Lamp]					5000 Series [Lamp]					
			MP-WU9101B	MP-WU8101W MP-WU8101B	MP-WU8801W MP-WU8801B	MP-WU8701W	MP-WU5603	MP-WU5503	MP-WX5603	MP-WX5503	MC-WU8701W MC-WU8701B	MC-WU8601W	MC-WX8751W MC-WX8751B	MC-WX8651W	MC-X8801W	MC-WU5506M	MC-WU5505	MC-WU5501	MC-WX5505	MC-WX5501	MC-X5551
High Image Quality and Visibility	3G SDI	Equipped with an SDI input, the standard in the broadcast industry. 3G SDI can transfer 1080P signals via a coaxial cable.	●	●	●						●										
	2 HDMI® input	Equipped with 2 terminals for the current widely-used interface.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	HDBaseT™	The video signal is transmitted uncompressed, it can be transmitted up to 100m (up to 70m for 4K) without concern for delay or deterioration.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●		
	ACCENTUALIZER	Image enhancement function, Maxell original technology, that emphasizes shade, sharpness, and gloss to achieve more vivid images.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	HDCR (High Dynamic Contrast Range)	HDCR, Maxell original technology, corrects blurred images caused by room lighting or outside light sources, and creates an effect similar to increasing contrast resulting in clear images even in bright rooms.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	IMAGE OPTIMIZER	Equipped with IMAGE OPTIMIZER that maintains visibility of an image through automatic image correction in accordance with lamp condition.									●	●	●	●	●	●	●	●	●	●	●
	Color Management	You can adjust HUE, SATURATION, and LUMINANCE of 6 colors : red, green, blue, cyan, magenta, and yellow independently from the user menu.	●	●	●	●					●	●	●	●	●						
	3-chip display device	This 3-chip system can project 3-primary-color (red, green, blue) images continuously, and makes images natural with vivid colors.		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	DICOM® Simulation Mode	Picture mode that achieves a gradation close to the DICOM® standard. * These projectors are not approved medical devices. They should not be used for actual medical diagnosis.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Contrast Optimizer	It improves the contrast and sharpness of the input image by adding richness to the tones. * This function is not available depending on the projector settings. Please refer to the User's manual (detailed) Operating Guide. 		●																	
	HDR Detect	Receives 4K HDR signals* and expresses rich tones in dark and bright areas of the scene. * Converted to WUXGA (1920 × 1200) resolution size. 4K signals can be received from HDMI®1, HDBaseT™, and DisplayPort™.		●																	
	Multi Screen Mode	When projecting the screens of multiple projectors side by side or edge blending, this function allows to reduce differences of color tone and brightness between them.		●																	
Installability and System Features	Edge Blending	Enables the seamless projection of a large image using two or more overlapping projectors. * Additional equipment may be required for this feature. 	●	●	●	●					●	●	●	●	●	●	●	●	●	●	●
		Projector Blending Tool is a PC application software that supports the edge blending of multiple projectors, using the image data detected by a designated comercially-available camera. PBT2 (Projector Blending Tool2) supports up to 4 projectors. PBT3 (Projector Blending Tool3) supports up to 12 projectors.		● PBT3	● PBT3	● PBT3					● PBT2	● PBT2	● PBT2	● PBT2	● PBT2						
	Warping	Corrects the shape of images to make projections on various types of surfaces possible. * The specialized application for geometry correction is required.	●	●	●	●					●	●	●	●	●	●	●	●	●	●	●
	Perfect Fit	Use the remote controller to adjust the 4 corners and 4 sides of a projected image and quickly correct distortions of images.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Motorized Lens Shift	With a remote control, you can shift the lens horizontally and vertically to position the image on the screen without causing keystone distortion.	●	●	●	●					●	●	●	●	●						
	Manual Lens Shift	By adjuster dials on the projector, you can manually shift the lens horizontally and vertically to position the image on the screen without causing keystone distortion.					●	●	●	●						●	●	●	●	●	●
	Interchangeable Lens Options	Significantly increase projection distance with optional interchangeable lenses.	●	●	●	●					●	●	●	●	●						
	Center Lens Design	By aligning the center of the projector and the lens, the installation position of the projector is simplified during the design and construction of a facility.	●	●	●	●					●	●	●	●	●						
	Picture Position (Picture Shift)	You can adjust the image position in conformity to the black area of the screen electrically. 	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Picture by Picture	Simultaneously project images from 2 different inputs side-by-side. *1 It enables to display images from 2 different digital inputs (HDMI®2 and another) side-by-side.	●	● *1	● *1	● *1	● *1	● *1	● *1	● *1	● *1	● *1	● *1	● *1	● *1	● *1	● *1	● *1	● *1	● *1	● *1

Features

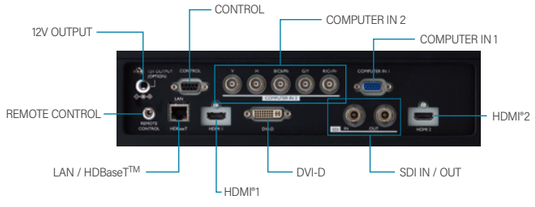
			1DLP*	3LCD																	
			9000 Series	8000 Series [Laser]			5000 Series [Laser]				8000 Series [Lamp]					5000 Series [Lamp]					
		Features	MP-WU9101B	MP-WU8101W MP-WU8101B	MP-WU8801W MP-WU8801B	MP-WU8701W	MP-WU5603	MP-WU5503	MP-WX5603	MP-WX5503	MC-WU8701W MC-WU8701B	MC-WU8601W	MC-WX8751W MC-WX8751B	MC-WX8651W	MC-X8801W	MC-WU5506M	MC-WU5505	MC-WU5501	MC-WX5505	MC-WX5501	MC-X5551
Installability and System Features	360° installation	The projectors can be installed facing upwards, downwards, or other wide degree of all the directions. *1 The life of optical parts may shorten if the projector MP-WU9101B is installed with the lens facing downward or the IO connector side upward. *2 When the ultra long throw lens UL-705 is attached, the projector cannot be installed facing its projection lens upward or downward. *3 When the ultra short throw fixed lens FL-720 / FL-710 is attached, the projector cannot be installed facing its projection lens downward.	● All directions*1	● All directions*2, 3	● All directions*2, 3	● All directions*2, 3	● All directions	● All directions	● All directions	● All directions	● Vertical only*2, 3	● Vertical only*2, 3	● Vertical only*2, 3	● Vertical only*2, 3	● Vertical only*2, 3						
	Portrait Projection	You can project images that are vertically long by rotating the installation position of the projector 90 degrees. This feature makes it possible to provide various displays and image representations. *4 Limited to the position where the lamp door side faces upward. When the projector is used in a portrait installation, the service life of a lamp becomes shorter.	●	●	●	●	●	●	●	●	● *4	● *4	● *4	● *4	● *4						
	Easy Schedule Setting	Set schedules for projectors to turn them ON or OFF at a set time, or activate other functions. You can arrange the schedule from the OSD menu. * Necessary to install a coin battery or to connect to network with time server. 		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	HDMI® OUT port	By connecting a projector's HDMI® output port to another projector's HDMI® input port in series, you can project the same image simultaneously. * The numbers of the projectors in series is limited. For more details, refer to the user's manual of the projector.		●	●	●										●	●	●	●	●	●
	Cloning App	Projector Data Cloning Application allows you to make a copy of the configuration parameter of a reference projector to other projectors connected to a PC that the application is installed to via a network.					●	●	●	●											
Network	Wireless Capability	Projectors and computers can be connected via Wi-Fi®. It is possible to manage and control projectors, and transfer the computer screen images to project. * USB wireless adapter USB-WL-11N or USB-WL-5G is necessary.		● 2.4 GHz / 5 GHz (Option)	● 2.4 GHz / 5 GHz (Option)	● 2.4 GHz / 5 GHz (Option)	● 2.4 GHz / 5 GHz (Option)	● 2.4 GHz / 5 GHz (Option)	● 2.4 GHz / 5 GHz (Option)	● 2.4 GHz / 5 GHz (Option)	● 2.4 GHz (Option)	● 2.4 GHz (Option)	● 2.4 GHz (Option)	● 2.4 GHz (Option)	● 2.4 GHz (Option)	● 2.4 GHz / 5 GHz	● 2.4 GHz (Option)	● 2.4 GHz (Option)	● 2.4 GHz (Option)	● 2.4 GHz (Option)	● 2.4 GHz (Option)
	Network Presentation	The projector can display or play back the computer screen images and audio data that are transmitted through the network. * Requires the installation of the dedicated application software LiveViewer*5 to a PC or a Mac computer. *5 The application software for MC-WU5506M is LiveViewer Pro.		●	●	●	●	●	●	●	●	●	●	●	●	● *5	●	●	●	●	●
	Screen Mirroring	The projector can display the screen of the computer, smartphone, and tablet devices compatible with Miracast®. Using LiveViewer Pro*6 for Windows® / macOS you can transmit the screen of the computer to the projector and project it. * Projection may be unavailable depending on the device or content. *6 LiveViewer Pro is the application for MC-WU5506M only.														● *6					
	Streaming	LiveViewer Pro for iOS / Android™ Capable of wirelessly transmitting the contents of videos, movies, etc., stored on your smart devices to the projector, and project on the screen.														●					
	Smart Device Control	Download and install the dedicated free online application Projector Quick Connection or LiveViewer Pro*7, and wirelessly control the projector from devices running iOS or Android ™ like a remote control. The application also allows to get the information on the projector's status and to project pictures, documents, etc. from the devices. *7 LiveViewer Pro is the application for MC-WU5506M only.		●	●	●	●	●	●	●	●	●	●	●	●	● *7	●	●	●	●	●
	Projector Web Control	You can control the projector, collect the status such as information, and set email or schedule, etc. in the web configuration screen of the projector.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		Projector Web Control is designed with consideration to the Color Universal Design, authenticated by the Color Universal Design Organization (Japan), to make images easier to see for more people, regardless of differences in color vision. CUDO home page : https://www2.cudo.jp/wp/?page_id=1936 		●	●	●	●	●	●	●						●					
	Industry Standard Compatibility	AMX Device Discovery, Crestron RoomView®, and Extron® XTP are embedded to projectors, providing out of the box compatible industry standard solutions. *8 Extron® XTP is not supported.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	● *8	●	● *8	● *8
High Reliability and Stability	Hybrid Filter	Multi-layer filters reduce the burden of maintenance by extending the period between filter cleaning.	Air Filter Less	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Inorganic LCD	Maxell 3LCD projectors incorporate three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They provide smooth images and high reliability.		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Status Monitor	A sub-LCD located on the rear panel. It displays the present condition of the projector, including errors, setup information, and error history.									●	●	●	●	●						
	Laser Light Source	Long life 20,000 hours*9 Laser light source combined blue laser diodes and phosphor can achieve high brightness. *9 For laser light source. The value is an estimate and may vary depending on the use environment or use condition.	●	●	●	●	●	●	●	●											

Specifications

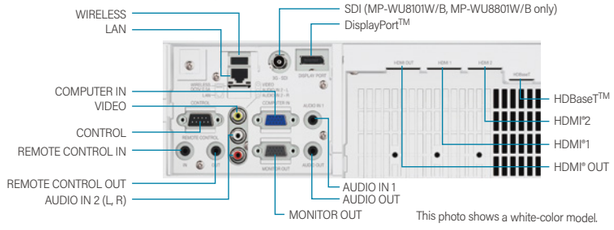
		9000 Series [Laser]	8000 Series [Laser]			5000 Series [Laser]			
Model name		MP-WU9101B	MP-WU8101W MP-WU8101B	MP-WU8801W MP-WU8801B	MP-WU8701W	MP-WU5603	MP-WU5503	MP-WX5603	MP-WX5503
Display system		1-Chip DLP®	3LCD						
Display device	Size of effective display area	0.67" × 1, aspect ratio 16 : 10	0.76" × 3, aspect ratio 16 : 10			0.64" × 3, aspect ratio 16 : 10			
	Number of pixels	2,304,000 pixels (1,920 × 1,200)						1,024,000 pixels (1,280 × 800)	
Projection lens		Optional*1				Unchangeable lens			
	Zoom	Motorized (except for the option lens FL-920)	Motorized (except for the option lens FL-720 / FL-701)			Manual (1.7×)		Manual (1.6×)	
	Focus	Motorized				Manual			
	Lens shift	Motorized (except for the option lens FL-920)	Motorized			Manual			
Light source		Laser diode							
Screen size		50 – 600 inch (100 – 350 inch for the option lens FL-920)	30 – 600 inch (100 – 350 inch for the ultra short throw fixed lens FL-720, 60 – 600 inch for the ultra short throw lens USL-701)			30 – 300 inch			
Light output	Brightness	10,000 lm*2	10,000 lm*3	8,000 lm*3	7,000 lm*3	6,000 lm*4	5,000 lm*4	6,000 lm*4	5,000 lm*4
	Center lm	-	10,500 lm*5	8,200 lm*5	7,200 lm*5	6,200 lm*6	5,200 lm*6	6,200 lm*6	5,200 lm*6
Contrast ratio (full white / full black)		30,000 : 1*7 (DYNAMIC BLACK setting is ON)	3,000,000 : 1*3	2,500,000 : 1*3		1,500,000 : 1*8			
Displayable scanning frequency	Horizontal	15 – 91 kHz	15 – 106 kHz						
	Vertical	24 – 85 Hz	24 – 120 Hz						
Display resolution	Computer	WUXGA*9 (max.) (Native resolution is WUXGA.)						Full HD (max.) (Native resolution is WXGA.)	
	Video	1080P (max.) (Native resolution is WUXGA.)	4096 × 2160*10 (max.) (Native resolution is WUXGA.)			4096 × 2160*11 (max.) (Native resolution is WUXGA.)		4096 × 2160*11 (max.) (Native resolution is WXGA.)	
Speaker		-				16W × 1 (mono)			
Terminals	COMPUTER IN	Mini D-sub 15-pin connector × 1 / 5BNC connector × 1	Mini D-sub 15-pin connector × 1			Mini D-sub 15-pin connector × 2			
	MONITOR OUT	-	Mini D-sub 15-pin connector × 1			Mini D-sub 15-pin connector × 1 (shared with the COMPUTER IN 2 terminal)			
	VIDEO	-	RCA connector × 1						
	HDMI® IN	HDMI® connector × 2 (HDCP compliant)							
	HDMI® OUT	-	HDMI® connector × 1 (HDCP compliant)			-			
	DVI-D IN	DVI-D connector × 1	-						
	SDI IN / OUT	BNC connector × 1 / BNC connector × 1	BNC connector × 1 / -			- / -			
	HDBaseT™	RJ-45 connector × 1							
	DisplayPort™	-	DisplayPort™ × 1			-			
	AUDIO IN	-	3.5mm (stereo) mini connector × 1 / RCA connector (L, R) × 1			3.5mm (stereo) mini connector × 2 / RCA connector (L, R) × 1			
	AUDIO OUT	-	3.5mm (stereo) mini connector × 1						
	CONTROL (RS-232C)	D-sub 9-pin connector × 1							
	LAN	-	RJ-45 connector × 1						
	WIRELESS	-	USB type A × 1 (The separately sold USB wireless adapter is necessary for this function.)						
	REMOTE CONTROL IN	3.5mm (stereo) mini connector × 1				-			
	REMOTE CONTROL OUT	-	3.5mm (stereo) mini connector × 1			-			
Operating temperature		0 – 45°C (32 – 113°F) *12	0 – 45°C (32 – 113°F) at altitudes from 0 – 1,600 m (0 – 5,249 ft.) The brightness of the light source is reduced automatically over 35°C (95°F). *13			0 – 40°C (32 – 104°F) at altitudes from 0 – 1,600 m (0 – 5,249 ft.) The brightness of the light source is reduced automatically over 35°C (95°F).*13			
Operating humidity (RH) (non-condensing)		10 – 80%							
Power requirements		AC100 - 130V (50 Hz / 60 Hz) AC200 - 240V (50 Hz / 60 Hz)	AC100 - 120V (50 Hz / 60 Hz), 7.3A AC220 - 240V (50 Hz / 60 Hz), 3.6A	AC100 - 120V (50 Hz / 60 Hz), 5.9A AC220 - 240V (50 Hz / 60 Hz), 3.0A	AC100 - 120V (50 Hz / 60 Hz), 5.4A AC220 - 240V (50 Hz / 60 Hz), 2.7A	AC100 - 120V (50 Hz / 60 Hz), 4.3A AC220 - 240V (50 Hz / 60 Hz), 2.1A	AC100 - 120V (50 Hz / 60 Hz), 3.8A AC220 - 240V (50 Hz / 60 Hz), 1.9A	AC100 - 120V (50 Hz / 60 Hz), 4.1A AC220 - 240V (50 Hz / 60 Hz), 2.1A	AC100 - 120V (50 Hz / 60 Hz), 3.6A AC220 - 240V (50 Hz / 60 Hz), 1.8A
Power consumption		AC100 - 130V : 1340W AC200 - 240V : 1240W	AC100 - 120V : 720W AC220 - 240V : 680W	AC100 - 120V : 580W AC220 - 240V : 560W	AC100 - 120V : 520W AC220 - 240V : 500W	AC100 - 120V : 420W AC220 - 240V : 400W	AC100 - 120V : 370W AC220 - 240V : 360W	AC100 - 120V : 400W AC220 - 240V : 390W	AC100 - 120V : 350W AC220 - 240V : 340W
Standby mode power consumption		< 0.5W at SAVING mode*14	< 0.5W at SAVING mode*15						
Standard outside dimensions (W × H × D)	Including protrudings	500 mm × 216 mm × 576 mm (19.7" × 8.5" × 22.7") (Excluding lens)	585 mm × 242 mm × 444 mm (23.0" × 9.5" × 17.5") (Excluding lens)			512 mm × 154 mm × 424 mm (20.2" × 6.1" × 16.7")			
	Excluding protrudings	-	582 mm × 215 mm × 431 mm (22.9" × 8.5" × 17.0") (Excluding lens)			506 mm × 136 mm × 424 mm (19.9" × 5.4" × 16.7")			
Weight		Approx. 28 kg (61.7 lbs.) (Excluding lens)	Approx. 18.6 kg (41.0 lbs.) (Excluding lens)	Approx. 18.2 kg (40.1 lbs.) (Excluding lens)		Approx. 8.5 kg (18.7 lbs.)	Approx. 8.2 kg (18.1 lbs.)	Approx. 7.9 kg (17.4 lbs.)	
Accessories		Remote control with two AA batteries, Power cord, Computer cable, RS-232C adapter cable (cross), Wired remote cable, User's Manual	Remote control with two AA batteries, Power cord, Computer cable *16, User's manual, Security label, Lens hole cover, Terminal cover, Cable tie *16			Remote control with two AA batteries, Power cord, Computer cable, User's manual, Security label, Lens cover, Hook metal, Screw, HDMI® cable holder, Cable tie			
Features	Filter cleaning interval *17	Filter free	20,000 hrs.	30,000 hrs.		20,000 hrs.			

*1 All the projection lenses are sold separately.
*2 PICTURE MODE is set to DYNAMIC, attached projection lens is SD-903, zoom position is WIDE (max.), and the lens shift position is center.
*3 LIGHT OUTPUT is set to NORMAL 100 %, PICTURE MODE is set to DYNAMIC, DYNAMIC BLACK is ON, attached projection lens is ML-713, zoom position is WIDE (max.), and the lens shift position is center.
*4 LIGHT OUTPUT is set to NORMAL 100 %, PICTURE MODE is set to DYNAMIC, zoom position is WIDE (max.), and the lens shift position is center.
*5 It is a value calculated using the brightness measured in the center of the screen. The measurement conditions are as follows. LIGHT OUTPUT is set to NORMAL 100 %, PICTURE MODE is set to DYNAMIC, DYNAMIC BLACK is ON, attached projection lens is ML-713, zoom position is WIDE (max.), and the lens shift position is center.
*6 It is a value calculated using the brightness measured in the center of the screen. The measurement conditions are as follows. LIGHT OUTPUT is set to NORMAL 100 %, PICTURE MODE is set to DYNAMIC, zoom position is WIDE (max.), and the lens shift position is center.
*7 DYNAMIC BLACK is set to ON, attached projection lens is SD-903, zoom position is WIDE (max.), and the lens shift position is center.
*8 LIGHT OUTPUT is set to NORMAL 100 %, PICTURE MODE is set to DYNAMIC, DYNAMIC BLACK is ON, zoom position is WIDE (max.), and the lens shift position is center.
*9 WUXGA (60 Hz) Reduced Blanking only.
*10 4096 × 2160 are supported on the HDMI IN1, HDBaseT, and DisplayPort terminals. However, part of 4K signal input from HDBaseT and DisplayPort are not received. Please refer to the User's Manual (detailed) Operating Guide and Operating Guide - Technical for details.
*11 4096 × 2160 (24 / 25 / 30Hz) is supported on the HDMI1 and HDBaseT terminals.
*12 The brightness of light source may be reduced automatically over 36°C (96.8°F) at altitudes from 0 – 1,219 m (0 – 4,000 ft.) , over 30°C (86°F) at altitudes from 1,219 – 1,676 m (4,000 – 5,500 ft.) , over 25°C (77°F) at altitudes from 1,676 – 4,200 m (5,500 – 13,780 ft.).
*13 0 – 40°C (32 – 104°F) at altitudes from 1,600 – 3,048 m (5,249 – 10,000 ft.). The brightness of the light source is reduced automatically over 30°C (86°F).
*14 Cannot operate the projector via the LAN and the RS-232C when the projector is in standby mode.
*15 SAVING mode disables the functions of MONITOR OUT, AUDIO OUT, network communication, RS-232C control except POWER ON command, etc. in standby.
*16 Only for MP-WU8801W, MP-WU8801B, and MP-WU8701W
*17 This interval depends on the environment.

MP-WU9101B

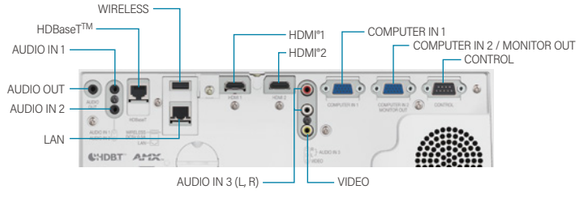


MP-WU8101W, MP-WU8101B, MP-WU8801W, MP-WU8801B, MP-WU8701W



This photo shows a white-color model.

MP-WU5603, MP-WU5503, MP-WX5603, MP-WX5503

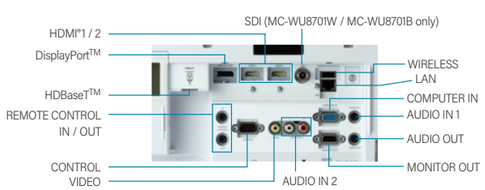


Specifications

		8000 Series [Lamp]					5000 Series [Lamp]					
Model name		MC-WU8701W MC-WU8701B	MC-WU8601W	MC-WX8751W MC-WX8751B	MC-WX8651W	MC-X8801W	MC-WU5506M	MC-WU5505	MC-WU5501	MC-WX5505	MC-WX5501	MC-X5551
Display system		3LCD										
Display device	Size of effective display area	0.76″ × 3, aspect ratio 16 : 10				0.79″ × 3, aspect ratio 4 : 3	0.67″ × 3, aspect ratio 16 : 10			0.59″ × 3, aspect ratio 16 : 10		0.63″ × 3, aspect ratio 4 : 3
	Number of pixels	2,304,000 pixels (1,920 × 1,200)		1,024,000 pixels (1,280 × 800)		786,432 pixels (1,024 × 768)	2,304,000 pixels (1,920 × 1,200)			1,024,000 pixels (1,280 × 800)		786,432 pixels (1,024 × 768)
Projection lens		Optional*1					Unchangeable lens					
	Zoom	Motorized (except for the option lens FL-710 / FL-701)					Manual (1.7×)			Manual (1.6×)		
	Focus	Motorized					Manual					
	Lens shift	Motorized (except for the option lens FL-710 / FL-701)					Manual			Manual		
Light source		430W lamp	370W lamp	430W lamp	370W lamp	430W lamp	300W lamp					
Screen size		30 – 600 inch (100 – 350 inch for the ultra short throw fixed lens FL-710, 60 – 600 inch for the ultra short throw lens USL-701)					30 – 300 inch					
Light output (Brightness)		7,000 lm*2	6,000 lm*2	7,500 lm*2	6,500 lm*2	8,000 lm*2	5,200 lm*3					5,800 lm*3
Contrast ratio (full white / full black)		10,000 : 1*4					16,000 : 1*5					
Displayable scanning frequency	Horizontal	15 – 106 kHz										
	Vertical	50 – 120 Hz					24 – 120 Hz					
Display resolution	Computer	WUXGA*6 (max.) (Native resolution is WUXGA.)		Full HD (max.) (Native resolution is WXGA.)		Full HD (max.) (Native resolution is XGA.)	WUXGA*6 (max.) (Native resolution is WUXGA.)			Full HD (max.) (Native resolution is WXGA.)		Full HD (max.) (Native resolution is XGA.)
	Video	1080P (max.) (Native resolution is WUXGA.)		1080P (max.) (Native resolution is WXGA.)		1080P (max.) (Native resolution is XGA.)	1080P (max.) (Native resolution is WUXGA.)			1080P (max.) (Native resolution is WXGA.)		1080P (max.) (Native resolution is XGA.)
Speaker		8W × 2 (mono)					16W × 1 (mono)					
Terminals	COMPUTER IN	Mini D-sub 15-pin connector × 1										
	MONITOR OUT	Mini D-sub 15-pin connector × 1										
	VIDEO	RCA connector × 1										
	HDMI® IN	HDMI® connector × 2 (HDCP compliant)					HDMI® connector × 2 (HDCP compliant) (HDMI® IN 1 supports MHL input.)					
	HDMI® OUT	-					HDMI® connector × 1 (HDCP compliant)					
	DVI-D IN	-										
	SDI IN / OUT	BNC connector × 1 / -	- / -				-					
	HDBaseT™	RJ-45 connector × 1						-		RJ-45 connector × 1		-
	DisplayPort™	DisplayPort™ × 1					-					
	AUDIO IN	3.5mm (stereo) mini connector × 1 / RCA connector (L, R) × 1										
	AUDIO OUT	3.5mm (stereo) mini connector × 1										
	CONTROL (RS-232C)	D-sub 9-pin connector × 1										
	LAN	RJ-45 connector × 1										
	WIRELESS	USB type A × 1 (The separately sold USB wireless adapter is necessary for this function.)					USB type A × 1	USB type A × 1 (The separately sold USB wireless adapter is necessary for this function.)				
	REMOTE CONTROL IN	3.5mm (stereo) mini connector × 1										
	REMOTE CONTROL OUT	3.5mm (stereo) mini connector × 1										
Operating temperature		0 – 45°C (32 – 113°F) at altitudes from 0 – 3,048 m (0 – 10,000 ft.) The brightness of the lamp is reduced automatically over 40°C (104°F).					0 – 40°C (32 – 104°F) at altitudes from 0 – 1,600 m (0 – 5,249 ft.)*7 The brightness of the lamp is reduced automatically over 35°C (95°F).					
Operating humidity (RH) (non-condensing)		10 – 90%										
Power requirements		AC100 - 120V (50 Hz / 60 Hz), 5.9A AC220 - 240V (50 Hz / 60 Hz), 2.9A	AC100 - 120V (50 Hz / 60 Hz), 5.2A AC220 - 240V (50 Hz / 60 Hz), 2.5A	AC100 - 120V (50 Hz / 60 Hz), 5.9A AC220 - 240V (50 Hz / 60 Hz), 2.9A	AC100 - 120V (50 Hz / 60 Hz), 5.2A AC220 - 240V (50 Hz / 60 Hz), 2.5A	AC100 - 120V (50 Hz / 60 Hz), 5.9A AC220 - 240V (50 Hz / 60 Hz), 2.9A	AC100 - 120V (50 Hz / 60 Hz), 4.8A AC220 - 240V (50 Hz / 60 Hz), 2.4A	AC100 - 120V (50 Hz / 60 Hz), 4.4A AC220 - 240V (50 Hz / 60 Hz), 2.2A				
Power consumption		AC100 - 120V : 580W AC220 - 240V : 560W	AC100 - 120V : 510W AC220 - 240V : 500W	AC100 - 120V : 580W AC220 - 240V : 560W	AC100 - 120V : 510W AC220 - 240V : 500W	AC100 - 120V : 580W AC220 - 240V : 560W	AC100 - 120V : 470W AC220 - 240V : 450W	AC100 - 120V : 440W AC220 - 240V : 420W				
Standby mode power consumption		< 0.35W at SAVING mode*8					< 0.5W at SAVING mode*8					
Standard outside dimensions (W × H × D)	Including protrudings	501 mm × 167 mm × 437 mm (19.7″ × 6.6″ × 17.2″) (Excluding lens)					466 mm × 138 mm × 339 mm (18.3″ × 5.4″ × 13.3″)				466 mm × 138 mm × 337 mm (18.3″ × 5.4″ × 13.3″)	
	Excluding protrudings	498 mm × 156 mm × 426 mm (19.6″ × 6.1″ × 16.8″) (Excluding lens)					460 mm × 122 mm × 334 mm (18.1″ × 4.8″ × 13.1″)					
Weight		Approx. 11.1 kg (24.5 lbs.) (Excluding lens)					Approx. 7.2 kg (15.9 lbs.)	Approx. 7.1 kg (15.7 lbs.)			Approx. 6.8 kg (15.0 lbs.)	
Accessories		Remote control with two AA batteries, Power cord, Computer cable, Lens hole cover, Adapter cover, Terminal cover*9, Security label, HDMI® cable holder, Cable tie, User's manual					[For all models] Remote control with two AA batteries, Power cord, Computer cable, Lens cover, User's manual, Security label, Hook metal, Screw, Cable tie, HDMI® cable holder [For MC-WU5505, MC-WU5501, MC-WX5505, MC-WX5501, MC-X5551] Adapter cover [For MC-WU5506M, MC-WU5505, MC-WX5505] Terminal cover [For MC-WU5506M] USB wireless adapter (USB-WL-5G)					
Features	Filter cleaning interval *10	20,000 hrs.					10,000 hrs.					

*1 All the projection lenses are sold separately.
*2 PICTURE MODE is set to STANDARD, ACTIVE IRIS is set to OFF, attached projection lens is ML-713, zoom position is WIDE (max.), and the lens shift position is center.
*3 PICTURE MODE is set to DYNAMIC, ACTIVE IRIS is OFF, zoom position is WIDE (max.), and the lens shift position is center.
*4 PICTURE MODE is set to STANDARD, ACTIVE IRIS is PRESENTATION, attached projection lens is ML-713, zoom position is WIDE (max.), and the lens shift position is center.
*5 PICTURE MODE is set to DYNAMIC, ACTIVE IRIS is set to PRESENTATION, zoom position is WIDE (max.), and the lens shift position is center.
*6 WUXGA (60 Hz) Reduced Blanking only.
*7 0 – 35°C (32 – 95°F) at the altitudes from 1,600 – 3,048 m (5,249 – 10,000 ft.).
*8 SAVING mode disables the functions of MONITOR OUT, AUDIO OUT, network communication, RS-232C control except POWER ON command, etc. in standby.
*9 No terminal cover is bundled in some regions and countries.
*10 This interval depends on the environment.

MC-WU8701W, MC-WU8701B, MC-WU8601W, MC-WX8751W, MC-WX8751B, MC-WX8651W, MC-X8801W

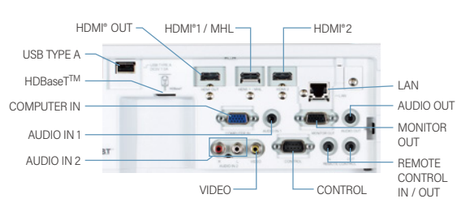


This photo shows a white-color model.

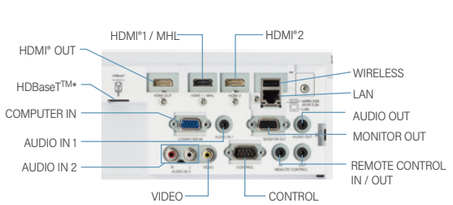
MC-WU5506M

〈Inside the filter cover〉

〈Rear〉



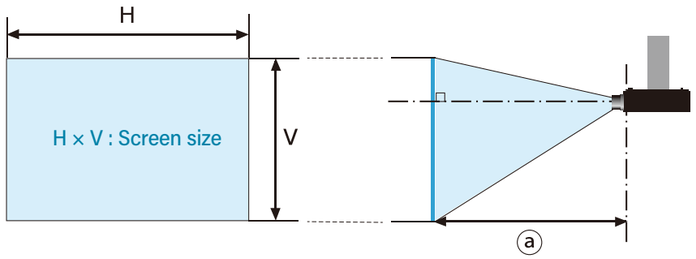
MC-WU5505, MC-WX5505, MC-WU5501, MC-WX5501, MC-X5551



* MC-WU5501, MC-WX5501, and MC-X5551 are not equipped with the HDBaseT™ port.

Lens spec

Projection distance



ⓐ : Projection distance (from the projector's front panel to screen) (A slight error may occur to the numerical value.)

Throw ratio = ⓐ[m] / H[m]

* This figure is not drawn to scale.

9000 Series Laser

Model		Item					m										inch									
		Screen size					USL-901A		SL-902		SD-903		ML-904		LL-905		UL-906		USL-901A		SL-902		SD-903		ML-904		LL-905		UL-906	
		Type	H (m)	H (")	V (m)	V (")	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.
MP-WU9101B	Projection distance ⓐ	80	1.7	68	1.1	42	1.4	1.7	2.0	3.0	2.8	4.3	4.2	6.4	6.0	9.8	9.6	15.3	54	67	80	119	111	167	164	250	238	385	380	601
Aspect ratio 16 : 10		100	2.2	85	1.3	53	1.7	2.1	2.5	3.8	3.5	5.3	5.2	7.9	7.6	12.2	12.0	19.0	67	84	100	149	140	209	205	313	298	482	472	749
		150	3.2	127	2.0	79	2.5	3.2	3.8	5.7	5.3	8.0	7.8	11.9	11.4	18.4	17.9	28.4	100	125	150	223	210	314	308	469	449	724	703	1118
		200	4.3	170	2.7	106	3.4	4.2	5.1	7.6	7.1	10.6	10.4	15.9	15.2	24.6	23.7	37.8	133	166	200	298	280	419	411	626	600	967	935	1487
		300	6.5	254	4.0	159	5.1	6.3	7.6	11.3	10.7	16.0	15.7	23.9	22.9	36.9	35.5	56.5	200	248	300	446	420	629	617	939	902	1452	1397	2225
		400	8.6	339	5.4	212	6.8	8.4	10.2	15.1	14.2	21.3	20.9	31.8	30.6	49.2	47.2	75.2	266	331	400	595	560	838	823	1253	1203	1937	1860	2963
		500	10.8	424	6.7	265	8.4	10.5	12.7	18.9	17.8	26.6	26.1	39.8	38.2	61.5	59.0	94.0	332	413	501	744	700	1048	1029	1566	1505	2422	2322	3701
		Throw ratio					0.8	1.0	1.1	1.7	1.6	2.4	2.4	3.6	3.5	5.6	5.5	8.8	0.8	1.0	1.1	1.7	1.6	2.4	2.4	3.6	3.5	5.6	5.5	8.8

8000 Series Laser

Model		Item					m										inch									
		Screen size					USL-701		FL-701		SL-712		ML-713		LL-704		UL-705		USL-701		FL-701		SL-712		ML-713		LL-704		UL-705	
		Type	H (m)	H (")	V (m)	V (")	min.	max.	fix.		min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	fix.		min.	max.	min.	max.	min.	max.	min.	max.
MP-WU8101W MP-WU8101B MP-WU8801W MP-WU8801B MP-WU8701W	Projection distance ⓐ	80	1.7	68	1.1	42	1.4	1.8	1.4		2.0	3.1	3.0	5.0	4.9	8.3	8.3	14.1	54	70	56		80	121	117	198	192	325	328	555
Aspect ratio 16 : 10		100	2.2	85	1.3	53	1.7	2.2	1.8		2.5	3.8	3.7	6.3	6.1	10.3	10.3	17.6	67	87	69		100	151	146	248	240	407	407	691
		150	3.2	127	2.0	79	2.5	3.3	2.6		3.8	5.7	5.6	9.4	9.1	15.5	15.4	26.2	100	129	103		150	226	219	371	359	611	605	1032
		200	4.3	170	2.7	106	3.4	4.4	3.5		5.1	7.6	7.4	12.5	12.2	20.7	20.4	34.9	132	171	137		199	300	291	494	479	816	803	1374
		300	6.5	254	4.0	159	5.0	6.5	5.2		7.6	11.4	11.1	18.8	18.2	31.1	30.5	52.2	197	256	205		298	450	435	740	718	1225	1200	2056
		400	8.6	339	5.4	212	6.6	8.6	6.9		10.1	15.2	14.7	25.0	24.3	41.5	40.5	69.6	261	340	272		397	600	580	986	957	1635	1596	2739
		500	10.8	424	6.7	265	8.3	10.8	8.6		12.6	19.0	18.4	31.3	30.4	51.9	50.6	86.9	326	424	340		497	749	725	1232	1196	2044	1992	3421
		Throw ratio					0.74	0.98	0.8		1.2	1.8	1.7	3.0	2.8	4.9	4.9	8.1	0.74	0.98	0.8		1.2	1.8	1.7	3.0	2.8	4.9	4.9	8.1

5000 Series Laser

Model		Screen size					m		inch	
		Type	H (m)	H (")	V (m)	V (")	min.	max.	min.	max.
MP-WU5603 MP-WU5503	Projection distance ⓐ	60	1.3	51	0.8	32	1.7	3.0	67	119
Aspect ratio 16 : 10		80	1.7	68	1.1	42	2.3	4.1	92	161
		100	2.2	85	1.3	53	2.9	5.1	116	202
		120	2.6	102	1.6	64	3.6	6.2	140	244
		150	3.2	127	2.0	79	4.5	7.8	177	307
		200	4.3	170	2.7	106	6.0	10.4	238	411
		250	5.4	212	3.4	132	7.6	13.1	298	515
		300	6.5	254	4.0	159	9.1	15.7	359	619
		Throw ratio					1.4	2.4	1.4	2.4

Model		Screen size					m		inch	
		Type	H (m)	H (")	V (m)	V (")	min.	max.	min.	max.
MP-WX5603 MP-WX5503	Projection distance ⓐ	60	1.3	51	0.8	32	1.5	2.6	60	101
Aspect ratio 16 : 10		80	1.7	68	1.1	42	2.1	3.5	83	137
		100	2.2	85	1.3	53	2.7	4.4	105	173
		120	2.6	102	1.6	64	3.2	5.3	127	209
		150	3.2	127	2.0	79	4.1	6.7	161	263
		200	4.3	170	2.7	106	5.5	9.0	217	354
		250	5.4	212	3.4	132	6.9	11.3	272	444
		300	6.5	254	4.0	159	8.3	13.6	328	534
		Throw ratio					1.3	2.1	1.3	2.1

8000 Series Lamp

Model		Item					m										inch									
		Screen size					USL-701		FL-701		SL-712		ML-713		LL-704		UL-705		USL-701		FL-701		SL-712		ML-713		LL-704		UL-705	
		Type	H (m)	H (")	V (m)	V (")	min.	max.	fix.		min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	fix.		min.	max.	min.	max.	min.	max.	min.	max.
MC-WU8701W MC-WU8701B MC-WU8601W	Projection distance ⓐ	80	1.7	68	1.1	42	1.4	1.8	1.4		2.0	3.1	3.0	5.0	4.9	8.3	8.3	14.1	54	70	56		80	121	117	198	192	325	327	555
Aspect ratio 16 : 10		100	2.2	85	1.3	53	1.7	2.2	1.8		2.5	3.8	3.7	6.3	6.1	10.3	10.3	17.6	67	87	69		100	151	146	248	240	407	407	691
		150	3.2	127	2.0	79	2.5	3.3	2.6		3.8	5.7	5.5	9.4	9.1	15.5	15.4	26.2	100	129	103		150	225	219	371	359	612	605	1032
		200	4.3	170	2.7	106	3.3	4.4	3.5		5.1	7.6	7.4	12.5	12.2	20.7	20.4	34.9	132	171	137		199	300	291	494	479	816	803	1374
		300	6.5	254	4.0	159	5.0	6.5	5.2		7.6	11.4	11.1	18.8	18.2	31.1	30.5	52.2	196	256	205		298	450	435	740	718	1225	1200	2056
		400	8.6	339	5.4	212	6.6	8.6	6.9		10.1	15.2	14.7	25.0	24.3	41.5	40.5	69.6	261	340	272		397	600	580	986	957	1635	1596	2739
		500	10.8	424	6.7	265	8.3	10.8	8.6		12.6	19.0	18.4	31.3	30.4	51.9	50.6	86.9	326	424	340		496	749	725	1232	1196	2044	1992	3421
		Throw ratio					0.74	0.98	0.8		1.2	1.8	1.7	3.0	2.8	4.9	4.9	8.1	0.74	0.98	0.8		1.2	1.8	1.7	3.0	2.8	4.9	4.9	8.1
MC-WX8751W MC-WX8751B MC-WX8651W	Projection distance ⓐ	80	1.7	68	1.1	42	1.4	1.8	1.4		2.1	3.1	3.0	5.1	5.0	8.4	8.5	14.4	54	70	57		82	123	120	202	196	332	334	565
Aspect ratio 16 : 10		100	2.2	85	1.3	53	1.7	2.2	1.8		2.6	3.9	3.8	6.4	6.2	10.5	10.5	17.9	67	87	71		102	154	149	252	244	415	415	705
		150	3.2	127	2.0	79	2.5	3.3	2.7		3.9	5.8	5.7	9.6	9.3	15.8	15.7	26.7	100	129	105		153	230	223	378	366	624	617	1053
		200	4.3	170	2.7	106	3.3	4.4	3.5		5.2	7.8	7.5	12.8	12.4	21.1	20.8	35.6	132	171	140		203	306	297	504	488	833	819	1401
		300	6.5	254	4.0	159	5.0	6.5	5.3		7.7	11.7	11.3	19.2	18.6	31.7	31.1	53.3	196	256	209		304	459	444	755	732	1250	1223	2097
		400	8.6	339	5.4	212	6.6	8.6	7.0		10.3	15.5	15.0	25.5	24.8	42.4	41.3	70.9	261	340	278		405	612	592	1006	976	1667	1628	2793
		500	10.8	424	6.7	265	8.3	10.8	8.8		12.9	19.4	18.8	31.9	31.0	53.0	51.6	88.6	326	424	347		506	764	739	1257	1220	2085	2032	3489
		Throw ratio					0.74	0.98	0.8		1.2	1.8	1.7	3.0	2.8	4.9	4.9	8.3	0.74	0.98	0.8		1.2	1.8	1.7	3.0	2.8	4.9	4.9	8.3
MC-X8801W	Projection distance ⓐ	80	1.6	64	1.2	48	1.3	1.7	1.4		2.0	3.0	2.9	4.9	4.7	8.0	8.1	13.7	53	68	54		78	117	114	192	186	315	318	538
Aspect ratio 4 : 3		100	2.0	80	1.5	60	1.7	2.1	1.7		2.5	3.7	3.6	6.1	5.9	10.0	10.0	17.0	65	84	67		97	146	142	240	232	395	395	671
		150	3.0	120	2.3	90	2.4	3.2	2.5		3.7	5.6	5.4	9.1	8.8	15.1	14.9	25.4	96	125	100		145	219	212	360	348	593	587	1002
		200	4.1	160	3.0	120	3.2	4.2	3.4		4.9	7.4	7.2	12.2	11.8	20.1	19.8	33.8	127	165	133		193	291	282	479	464	792	779	1333
		300	6.1	240	4.6	180	4.8	6.3	5.0		7.3	11.1	10.7	18.2	17.7	30.2	29.6	50.7	190	247	198		289	436	422	718	696	1189	1164	1995
		400	8.1	320	6.1	240	6.4	8.3	6.7		9.8	14.8	14.3	24.3	23.6	40.3	39.3	67.5	252	328	264		385	582	563	957	928	1586	1548	2657
		500	10.2	400	7.6	300	8.0	10.4	8.4		12.2	18.5	17.9	30.4	29.5	50.4	49.1	84.3	314	409	330		482	727	703	1195	1160	1983	1933	3319
		Throw ratio					0.76	1.00	0.8		1.2	1.8	1.7	3.0	2.9	4.9	4.9	8.3	0.76	1.00	0.8		1.2	1.8	1.7	3.0	2.9	4.9	4.9	8.3

5000 Series Lamp

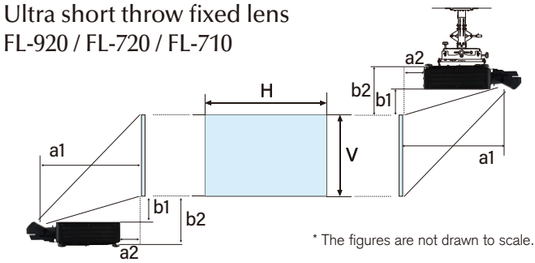
Model		Screen size					m		inch	
		Type	H (m)	H (")	V (m)	V (")	min.	max.	min.	max.
MC-WU5506M MC-WU5505 MC-WU5501	Projection distance ⓐ	60	1.3	51	0.8	32	1.7	3.0	68	118
Aspect ratio 16 : 10		80	1.7	68	1.1	42	2.3	4.0	91	158
		100	2.2	85	1.3	53	2.9	5.0	115	198
		120	2.6	102	1.6	64	3.5	6.0	138	238
		150	3.2	127	2.0	79	4.4	7.6	173	298
		200	4.3	170	2.7	106	5.9	10.1	231	397
		250	5.4	212	3.4	132	7.4	12.6	290	497
		300	6.5	254	4.0	159	8.8	15.2	348	597
		Throw ratio					1.4	2.3	1.4	2.3

Model		Screen size					m		inch	
		Type	H (m)	H (")	V (m)	V (")	min.	max.	min.	max.
MC-WX5505 MC-WX5501	Projection distance ⓐ	60	1.3	51	0.8	32	1.7	2.9	69	113
Aspect ratio 16 : 10		80	1.7	68	1.1	42	2.4	3.9	93	152
		100	2.2	85	1.3	53	3.0	4.8	117	191
		120	2.6	102	1.6	64	3.6	5.8	141	230
		150	3.2	127	2.0	79	4.5	7.3	177	288
		200	4.3	170	2.7	106	6.0	9.8	237	385
		250	5.4	212	3.4	132	7.6	12.3	298	483
		300	6.5	254	4.0	159	9.1	14.7	358	580
		Throw ratio					1.4	2.3	1.4	2.3

Model		Screen size					m		inch	
		Type	H (m)	H (")	V (m)	V (")	min.	max.	min.	max.
MC-X5551	Projection distance ⓐ	60	1.2	48	0.9	36	1.7	2.7	65	107
Aspect ratio 4 : 3		80	1.6	64	1.2	48	2.2	3.6	88	144
		100	2.0	80	1.5	60	2.8	4.6	111	180
		120	2.4	96	1.8	72	3.4	5.5	133	217
		150	3.0	120	2.3	90	4.3	6.9	168	272
		200	4.1	160	3.0	120	5.7	9.2	224	364
		250	5.1	200	3.8	150	7.1	11.6	281	456
		300	6.1	240	4.6	180	8.6	13.9	338	548
		Throw ratio					1.4	2.3	1.4	2.3

Projection distance

Ultra short throw fixed lens
FL-920 / FL-720 / FL-710



* The figures are not drawn to scale.

H × V : Screen size
a1 : Reflecting mirror surface to screen
a2 : Projector end to screen
b1 : Projector top to screen edge (closer edge to projector)
b2 : Projector bottom to screen edge (closer edge to projector)

9000 Series Laser

Model	Item					m				inch			
	Screen size					FL-920				FL-920			
	Type	H (m)	H (")	V (m)	V (")	a1	a2	b1	b2	a1	a2	b1	b2
MP-WU9101B	100	2.2	85	1.3	53	0.817	-0.022	0.376	0.592	32	-1	15	23
Aspect retio 16 : 10	120	2.6	102	1.6	64	0.969	0.130	0.464	0.680	38	5	18	27
	150	3.2	127	2.0	79	1.196	0.357	0.595	0.811	47	14	23	32
	200	4.3	170	2.7	106	1.574	0.735	0.813	1.029	62	29	32	41
	250	5.4	212	3.4	132	1.953	1.113	1.032	1.248	77	44	41	49
	300	6.5	254	4.0	159	2.331	1.492	1.250	1.466	92	59	49	58
	350	7.5	297	4.7	185	2.709	1.870	1.469	1.685	107	74	58	66

8000 Series Laser

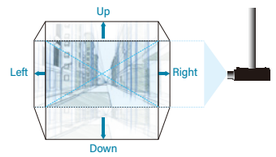
Model	Item					m				inch			
	Screen size					FL-720				FL-720			
	Type	H (m)	H (")	V (m)	V (")	a1	a2	b1	b2	a1	a2	b1	b2
MP-WU8101W	100	2.2	85	1.3	53	0.819	0.100	0.423	0.669	32	4	17	26
MP-WU8101B	120	2.6	102	1.6	64	0.965	0.246	0.517	0.763	38	10	20	30
MP-WU8801W	150	3.2	127	2.0	79	1.185	0.465	0.658	0.905	47	18	26	36
MP-WU8801B	200	4.3	170	2.7	106	1.550	0.831	0.894	1.140	61	33	35	45
MP-WU8701W	250	5.4	212	3.4	132	1.915	1.196	1.129	1.376	75	47	44	54
Aspect retio 16 : 10	300	6.5	254	4.0	159	2.281	1.561	1.365	1.611	90	61	54	63
	350	7.5	297	4.7	185	2.646	1.927	1.600	1.847	104	76	63	73

8000 Series Lamp

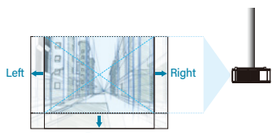
Model	Item					m				inch			
	Screen size					FL-710				FL-710			
	Type	H (m)	H (")	V (m)	V (")	a1	a2	b1	b2	a1	a2	b1	b2
MC-WU8701W	100	2.2	85	1.3	53	0.819	0.108	0.427	0.616	32	4	17	24
MC-WU8701B	120	2.6	102	1.6	64	0.965	0.254	0.521	0.710	38	10	21	28
MC-WU8601W	150	3.2	127	2.0	79	1.185	0.473	0.662	0.851	47	19	26	34
Aspect ratio 16 : 10	200	4.3	170	2.7	106	1.550	0.839	0.898	1.087	61	33	35	43
	250	5.4	212	3.4	132	1.915	1.204	1.133	1.322	75	47	45	52
	300	6.5	254	4.0	159	2.281	1.569	1.369	1.558	90	62	54	61
	350	7.5	297	4.7	185	2.646	1.935	1.604	1.793	104	76	63	71
MC-WX8751W	100	2.2	85	1.3	53	0.819	0.108	0.427	0.616	32	4	17	24
MC-WX8751B	120	2.6	102	1.6	64	0.965	0.254	0.521	0.710	38	10	21	28
MC-WX8651W	150	3.2	127	2.0	79	1.185	0.473	0.662	0.851	47	19	26	34
Aspect ratio 16 : 10	200	4.3	170	2.7	106	1.550	0.839	0.898	1.087	61	33	35	43
	250	5.4	212	3.4	132	1.915	1.204	1.133	1.322	75	47	45	52
	300	6.5	254	4.0	159	2.281	1.569	1.369	1.558	90	62	54	61
	350	7.5	297	4.7	185	2.646	1.935	1.604	1.793	104	76	63	71
MC-X8801W	100	2.0	80	1.5	60	0.797	0.086	0.326	0.515	31	3	13	20
Aspect ratio 4 : 3	120	2.4	96	1.8	72	0.939	0.228	0.400	0.589	37	9	16	23
	150	3.0	120	2.3	90	1.152	0.440	0.510	0.699	45	17	20	28
	200	4.1	160	3.0	120	1.506	0.795	0.695	0.884	59	31	27	35
	250	5.1	200	3.8	150	1.860	1.149	0.879	1.068	73	45	35	42
	300	6.1	240	4.6	180	2.215	1.504	1.064	1.253	87	59	42	49
	350	7.1	280	5.3	210	2.569	1.858	1.248	1.437	101	73	49	57

Lens Shift (for upside-down installation)

9000 / 8000 Series



5000 Series



* The figures are not drawn to scale.

Vertical or horizontal distance from the center of the projected image to the point where the lens axis intersects the screen. The illustrations above show the range of Lens Shift when the projector is installed upside down, such as on a ceiling mount.

9000 Series Laser

		FL-920	USL-901A	SL-902	SD-903	ML-904	LL-905	UL-906
MP-WU9101B	Left / Right	0% (Fixed)	±10%	±10%	±10%	±10%	±10%	±10%
	Down	+82.5% (Fixed)	-22 ~ +50%	-22 ~ +60%	-22 ~ +60%	-22 ~ +60%	-22 ~ +60%	-22 ~ +60%

8000 Series Laser

		FL-720	USL-701	FL-701	SL-712	ML-713	LL-704	UL-705
MP-WU8101W MP-WU8101B MP-WU8801W MP-WU8801B MP-WX8701W	Left / Right	±5%	±10%	±4.3%	±10%	±10%	±10%	±10%
	Down	+82~ +88%	-16.7~ +52.5%	±6.9%	-16.7~ +52.5%	-16.7~ +56.5%	-16.7~ +52.5%	-16.7~ +52.5%

5000 Series Laser

MP-WU5603 MP-WU5503	Left / Right	±4.6%
	Down	0~+56.5%
MP-WX5603 MP-WX5503	Left / Right	±4.6%
	Down	0~+56.5%

8000 Series Lamp

		FL-710	USL-701	FL-701	SL-712	ML-713	LL-704	UL-705
MC-WU8701W MC-WU8701B MC-WU8601W MC-WX8751W MC-WX8751B MC-WX8651W	Left / Right	0% (Fixed)	±10%	0% (Fixed)	±10%	±10%	±10%	±10%
	Down	85% (Fixed)	-16.7 ~ +52.5%	0% (Fixed)	0 ~ +50%	0 ~ +55%	0 ~ +50%	0 ~ +50%
MC-X8801W	Left / Right	0% (Fixed)	±10%	0% (Fixed)	±10%	±10%	±10%	±10%
	Down	73% (Fixed)	-14.2 ~ +40%	0% (Fixed)	0 ~ +40%	0 ~ +50%	0 ~ +40%	0 ~ +40%

5000 Series Lamp

MC-WU5506M MC-WU5505 MC-WU5501	Left / Right	±4.4%
	Down	0~+50%
MC-WX5505 MC-WX5501	Left / Right	±5%
	Down	0~+50%
MC-X5551	Left / Right	±5%
	Down	0~+50%

Optional Accessories

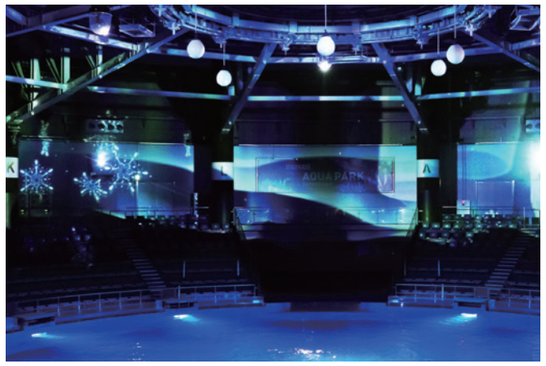
	9000 Series Laser	8000 Series Laser		8000 Series Lamp		5000 Series Laser	5000 Series Lamp	
Model name	MP-WU9101B	MP-WU8101W MP-WU8101B	MP-WU8801W MP-WU8801B MP-WU8701W	MC-WU8701W MC-WU8701B MC-WX8751W MC-WX8751B MC-X8801W	MC-WU8601W MC-WX8651W	MP-WU5603 MP-WU5503 MP-WX5603 MP-WX5503	MC-WU5506M	MC-WU5505 MC-WU5501 MC-WX5505 MC-WX5501 MC-X5551
Lamp *These are consumable goods.	—	—		DT01881	DT01871	—	DT01931	
Filter set *These are consumable goods.	—	UX43482	UX43481	UX40821		UX43931	UX41161	
Lens unit	USL-901A (Ultra short throw lens)	USL-701 (Ultra short throw lens)				—		
	SL-902 (Short throw lens)	FL-701 (Fixed short throw lens)						
	SD-903 (Standard lens)	SL-712 (Short throw lens)						
	ML-904 (Middle throw lens)	ML-713 (Middle throw lens)						
	LL-905 (Long throw lens)	LL-704 (Long throw lens)						
	UL-906 (Ultra long throw lens)	UL-705 (Ultra long throw lens)						
	FL-920 (Ultra short throw fixed lens)	FL-720 (Ultra short throw fixed lens)		FL-710 (Ultra short throw fixed lens)				
Mounting accessory	HAS-L9750 (Bracket for fixing mount)	HAS-9110 (Bracket for fixing mount)						
	HAS-104S (Slim adapter for fixing mount)							
	HAS-204L (Standard adapter for fixing mount)							
	HAS-304H (Long adapter for fixing mount)							
	HAS-404U (Ceiling mount with 6-axis adjustment) *1					—		
UST lens support metal	FL-920 support metal	FL-720 support metal		FL-710 support metal		—		
USB wireless adapter	—	USB-WL-5G *2		USB-WL-11N *2		USB-WL-5G *2	USB-WL-5G *2 * This item is included.	USB-WL-11N *2
Others	—						RC-R104 (Wired remote terminal)	

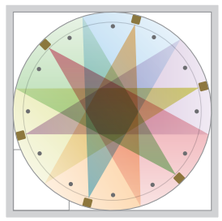
*1 HAS-404U is used on a projector with the ultra short throw fixed lens FL-920, FL-720, or FL-710 is attached to when it is installed at the ceiling mounting position.
*2 The availability of the USB-WL-11N and the USB-WL-5G varies depending on the country and region.

Case Studies

Case 1 — 360° Projection, Stacking, and Side by side

Maxell Aqua Park Shinagawa





Projecting from 6 directions onto a circular wall.

The projectors are stored in boxes with cooling function.

— Products Supplied —

MP-WU9101B

Lens：SD-903

* Contents vary depending on the season.

Case 2 — Projection by blending 4 projectors on a building 31 m in width.

Sophia festival

— Products Supplied —

MP-WU8801W　MP-WU8801B

Lens : ML-713

* This event was held in November 2, 2019.

Case 3 — Projection by blending 4 projectors on a floor of about 12 m.

SUMIDA AQUARIUM

The projectors projecting on the floor installed on the ceiling of the exhibition area.

— Products Supplied —

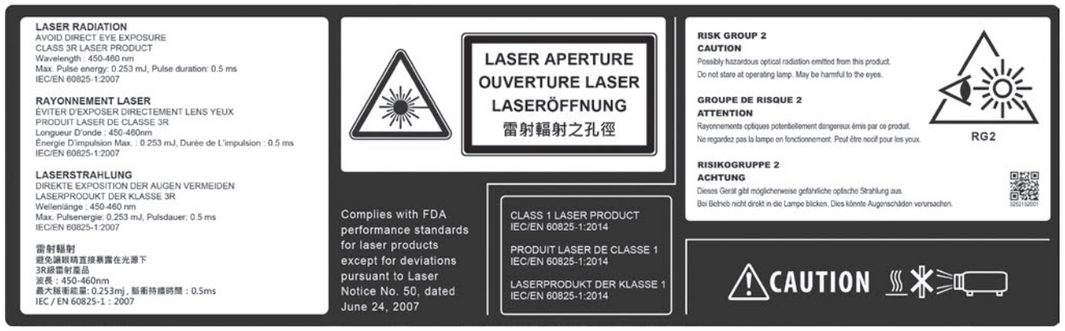
MP-WU8801B

Lens：USL-701

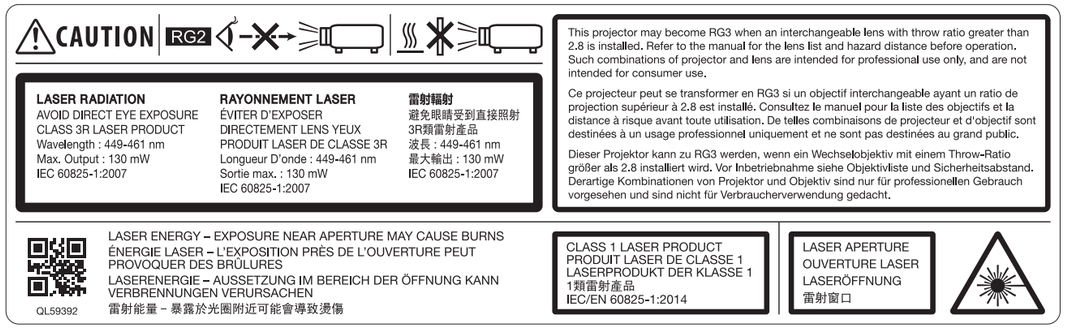
* This event was held from July 21 to October 31 in 2019.

* Please refrain from making direct inquiries figuring regarding the content of the photos.

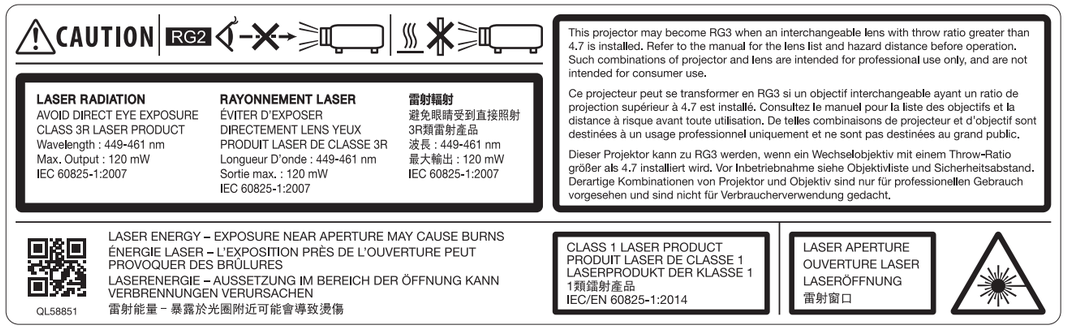
MP-WU9101B



MP-WU8101W / MP-WU8101B



MP-WU8801W / MP-WU8801B / MP-WU8701W



MP-WU5603 / MP-WU5503 / MP-WX5603 / MP-WX5503