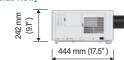
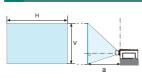
∕lodel naı	me	MP-WU8801W (White)	MP-WU8701W (White)					
		MP-WU88UIB (Black)						
Display sy		3LCD 0.76" x 3 aspect ratio 16 : 10						
	Size of effective display area	·						
levice	Number of pixels	2,304,000 pixels (1,920 hor						
ens	7	Optional (All the projection le						
	Zoom Focus	Motorized (except for the opt						
	Lens shift	Motorized						
ight sour		Laser di						
creen siz		30 ~ 600						
7010011312	-0	(100 ~ 350 inch for the ultra short throw fixed lens FL-720,						
iaht outr	out (Brightness)*1	8.000 lm	7,000 lm					
<u> </u>	ratio (full white / full black)*1	2,500,00	****					
Displayab		15 ~ 106						
	frequency Vertical	50 ~ 120						
isplay	Computer	WUXGA*2 (max.) *Native						
esolution	n Video	4096 × 2160*3 (max.) *Nativ	e resolution is WUXGA.					
erminals	COMPUTER IN	Mini D-sub 15-pin	connector × 1					
	MONITOR OUT	Mini D-sub 15-pin	connector × 1					
	VIDEO IN	RCA conne	ctor × 1					
	HDMI IN	HDMI connector × 2 (HDCP compliant)						
	HDMI OUT	HDMI connector × 1 (HDCP compliant)						
	3G-SDI	BNC Connector × 1	-					
	HDBaseT	RJ-45 conne	ector × 1					
	DisplayPort	DisplayPo	ort × 1					
	AUDIO IN	` '	3.5mm (stereo) mini connector x 1, RCA connector (L, R) x 1					
	AUDIO OUT	3.5mm (stereo) mir						
	CONTROL IN (RS-232C)	D-sub 9-pin connector x 1						
	LAN	RJ-45 connector × 1						
	WIRELESS	USB type A × 1 (The separately sold USB wire						
	REMOTE CONTROL IN REMOTE CONTROL OUT	3.5mm (stereo) mir						
	Wired	3.5mm (stereo) mir						
letwork	Wireless (Option*4)	100BASE-TX /						
		IEEE 802.11a/						
perating	temperature	0 ~ 45 °C (32 ~ 113 °F) at altitudes form 0 to 1,600 m (0 to 5,249 ft)*5						
noratina	humidity	The brightness of light source may be reduced automatically over 35 °C (95 °F). 10 - 80%RH (non-condensing)						
	quirements	AC 100 V - 120V (50/60Hz), 5.9 A	AC 100 V - 120 V(50/60Hz), 5.4 A					
Ower re	quirements	AC 220 V - 240V (50/60Hz), 3.0 A	AC 100 V - 120 V(50/60Hz), 5.4 A AC 220 V - 240 V(50/60Hz), 2.7 A					
ower co	nsumption	AC 100 V - 120 V : 580 W	AC 100 V - 120 V : 520 W					
OWCI COI	noumption	AC 220 V - 240 V : 560 W	AC 220 V - 240 V : 500 W					
Standby n	node power consumption	Less than 0.5W at						
	outside dimensions	585 mm × 242 mm × 444 mm (23.0" × 9.5						
W×H×	D)		582 mm × 215 mm × 431mm (22.9" × 8.5" × 17.0") (Excluding protruding parts)					
Veight	<u>, </u>		Approx. 18.2 kg. (40.1 lbs.) (Excluding lens)					
Accessories		Remote control with two AA batteries, Power cord, Computer cable,						
		User's manual, Security label, Lens hole cover, Terminal cover, Cable tie						
Optional	USB wireless adapter	USB-WL-5G* ⁷						
arts	Air filter	UX43481						
	Optional lens	FL-720 (Ultra short throw fixed lens) ML-713 (I	Middle throw lens)					
			ong throw lens)					
			Ultra long throw lens)					
		SL-712 (Short throw lens)						
	Mounting accessories	HAS-9110 (Bracket for fixing mount), HAS-104S (Slin	n adapter for fixing mount),					
		HAS-204L (Standard adapter for fixing mount), HA						

*1: When PICTURE MODE is set to DYNAMIC, DYNAMIC BLACK is OFF and LIGHT OUTPUT is set to Normal 100 %, attached projection lens is ML-713, zoom position is WIDE (max), and the lens shift position is center. *2: WIXXOA (60 Hz) Reduced Blanking only, *3: 4096 x 2160 (24/25/30/50/60) is supported on the HDMI IN 1 and HDBaseT terminals. 4096 x 2160(24/25/30) is supported on the DisplayPort terminal. *4: Optional wireless adapter is needed. *5: 0 - 40 ° C (32 -104 ° F) at altitude form 1,600 m to 3,048 m (5,249 to 10,000 ft). *6: SAVING mode disables the functions of MONITOR OUT, AUDIO OUT, speaker sound, network communication, RS-232C control except POWER ON command, etc. in standby. *7: The availability of the USB-WL-5G varies depending on the country and the region. *8: HAS-404U is used with a projector that the ultra short throw fixed lens FL-720 is attached to when it is installed at the ceiling mounting position.





Projection Distance



H × V : Screen size a: Projection distance (from the projector's front panel to screen.)(±10%)

 $H \times V$: 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)

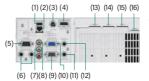
*The figures are not drawn to scale 16:10 screen (1.920 × 1.200)(±10%)

0.0															
Screen size		USL	-701	FL-701 S		712	ML-713		LL-704		UL-705				
Гуре	Н	V	a min.	a max.	Fixed	a min.	a max.	a min.	a max.	a min.	a max.	a min.	a max.		
80	1.7	1.1	1.4	1.8	1.4	2.0	3.1	3.0	5.0	4.9	8.3	8.3	14.1		
100	2.2	1.3	1.7	2.2	1.8	2.5	3.8	3.7	6.3	6.1	10.3	10.3	17.6		
120	2.6	1.6	2.0	2.6	2.1	3.0	4.6	4.4	7.5	7.3	12.4	12.3	21.0		
150	3.2	2.0	2.5	3.3	2.6	3.8	5.7	5.6	9.4	9.1	15.5	15.4	26.2		
300	6.5	4.0	5.0	6.5	5.2	7.6	11.4	11.1	18.8	18.2	31.1	30.5	52.2		
500	10.8	6.7	8.3	10.8	8.6	12.6	19.0	18.4	31.3	30.4	51.9	50.6	86.9		
	80 100 120 150 300	80 1.7 100 2.2 120 2.6 150 3.2 300 6.5	80 1.7 1.1 1000 2.2 1.3 120 2.6 1.6 150 3.2 2.0 800 6.5 4.0	ype H V min. 80 1.7 1.1 1.4 100 2.2 1.3 1.7 120 2.6 1.6 2.0 150 3.2 2.0 2.5 300 6.5 4.0 5.0	ype H V min. max 80 1.7 1.1 1.4 1.8 100 2.2 1.3 1.7 2.2 120 2.6 1.6 2.0 2.6 150 3.2 2.0 2.5 3.3 300 6.5 4.0 5.0 6.5	ype H V min. max Fixed 80 1.7 1.1 1.4 1.8 1.4 1000 2.2 1.3 1.7 2.2 1.8 1200 2.6 1.6 2.0 2.6 2.1 150 3.2 2.0 2.5 3.3 2.6 300 6.5 4.0 5.0 6.5 5.2	ype H V min. max. Fixed min. 80 1.7 1.1 1.4 1.8 1.4 2.0 100 2.2 1.3 1.7 2.2 1.8 2.5 120 2.6 1.6 2.0 2.6 2.1 3.0 150 3.2 2.0 2.5 3.3 2.6 3.8 300 6.5 4.0 5.0 6.5 5.2 7.6	ype H V min. max Fixed min. max. 80 1.7 1.1 1.4 1.8 1.4 2.0 3.1 100 2.2 1.3 1.7 2.2 1.8 2.5 3.8 120 2.6 1.6 2.0 2.6 2.1 3.0 4.6 150 3.2 2.0 2.5 3.3 2.6 3.8 5.7 300 6.5 4.0 5.0 6.5 5.2 7.6 11.4	ype H V min. max Fixed min. max min. 80 1.7 1.1 1.4 1.8 1.4 2.0 3.1 3.0 100 2.2 1.3 1.7 2.2 1.8 2.5 3.8 3.7 120 2.6 1.6 2.0 2.6 2.1 3.0 4.6 4.4 150 3.2 2.0 2.5 3.3 2.6 3.8 5.7 5.6 300 6.5 4.0 5.0 6.5 5.2 7.6 11.4 11.1	ype H V min. max Fixed min. max. min. max. 80 1.7 1.1 1.4 1.8 1.4 2.0 3.1 3.0 5.0 100 2.2 1.3 1.7 2.2 1.8 2.5 3.8 3.7 6.3 120 2.6 1.6 2.0 2.6 2.1 3.0 4.6 4.4 7.5 150 3.2 2.0 2.5 3.3 2.6 3.8 5.7 5.6 9.4 300 6.5 4.0 5.0 6.5 5.2 7.6 11.4 11.1 18.8	ype H V min. max Fixed min. max. min. min. max. </th <th>ype H V min. max. Fixed min. max. displayed 100 22 1.3 1.7 2.2 1.8 2.5 3.8 5.7</th> <th>ype H V min. max Fixed min. max min.<!--</th--></th>	ype H V min. max. Fixed min. max. displayed 100 22 1.3 1.7 2.2 1.8 2.5 3.8 5.7	ype H V min. max Fixed min. max min. </th		

Sc	Screen size USL-701		FL-701	SL-712		ML-713		LL-704		UL-705			
Туре	Н	٧	a min.	a max.	Fixed	a min.	a max.	a min.	a max.	a min.	a max.	a min.	a max.
80	68	42	54	70	56	80	121	117	198	192	325	328	555
100	85	53	67	87	69	100	151	146	248	240	407	407	691
120	102	64	80	104	83	120	181	175	297	287	489	486	828
150	127	79	100	129	103	150	226	219	371	359	611	605	1032
300	254	159	197	256	205	298	450	435	740	718	1225	1200	2056
500	424	265	326	424	340	497	749	725	1232	1196	2044	1992	3421

	meter										
Sc	reen si	ze		FL-	720						
Type	Н	V	a1	a2	b1	b2					
100	2.2	1.3	0.819	0.100	0.423	0.669					
120	2.6	1.6	0.965	0.246	0.517	0.763					
150	3.2	2.0	1.185	0.465	0.658	0.905					
300	6.5	4.0	2.281	1.561	1.365	1.611					
350	7.5	4.7	2.646	1.927	1.600	1.847					

			inch						
Sc	reen si	ze	FL-720						
Type	Н	V	a1	a2	b1	b2			
100	85	53	32	4	17	26			
120	102	64	38	10	20	30			
150	127	79	47	18	26	36			
300	254	159	90	61	54	63			
350	297	185	104	76	63	73			



(1)WIRELESS (2)LAN (3)3G-SDI (MP-WU8801W/B only) (4)DisplayPort (5)CONTROL (6)REMOTE CONTROL IN/OUT (7)AUDIO IN 2 (L.R) (8)VIDEO (9)MONITER OUT (10)COMPUTER IN (11)AUDIO OUT (12)AUDIO IN1 (13) HDMI OUT (14)HDMI 1 (15)HDMI 2 (16)HDBaseT

Environment

- ► Compliance with EU Directive RoHS*1
- Long Life modeNo use of mercury lamp
- RoHS is the acronym of "Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

-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 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, LCD panel, polarizing plate, PBS [polarizer beam splitter]) have limited service lives. They must be repaired or replaced if they are used for a long period of time. During use and immediately after use, do not touch anywhere near the vents as these parts are extremely hot · Optical components other than the light source: If the 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. • Each product may have differences of color, brightness and focus due to manufacture variation, • Blu-ray Disc™ and Blu-rayTM are trademarks of Blu-ray Disc Association. • 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. • 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. • Extron* is registered trademark of RGB Systems, Incorporated. • All other trademarks are the properties of their





LASER ENERGY – EXPOSURE NEAR APERTURE MAY CAUSE BURNS ÉNERGIE LASER - L'EXPOSITION PRÈS DE L'OUVERTURE PEUT PROVOQUER DES BRÜLURES LASERENERGIE - AUSSETZUNG IM BEREICH DER ÖFFNUNG KANN VERBEREIN INIGEN VERPIESACHEN

類鐳射產品







May 2019

Maxell, Ltd. 5030 Totsuka-cho, Totsuka-ku Yokohama, 244-0003, Japan

http://proj.maxell.co.jp/en/

Laser Projector





Laser light source projector with high installability and a wide range of optional lenses



*Projected images are simulations





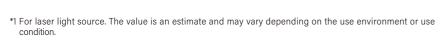




High Reliability and Stability

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 MP-WU8801W/B is a 8,000 lm projector, it has achieved a low noise of 34 dB. This is an suitable for feature for presentations and seminars.



LIGHT	Bright	ness*2	Light	Noise*4		
OUTPUT	MP-WU8801W MP-WU8801B MP-WU8701W		source life*3	MP-WU8801W MP-WU8801B	MP-WU8701W	
NOMAL	8,000 lm 7,000 lm		20,000 hours			
LONG LIFE 1	6,000 lm	5,250 lm	30,000 hours	34 dB	32 dB	
LONG LIFE 2	4,000 lm	3,500 lm	50,000 hours			
WHISPER	4,000 lm	3,500 lm	20,000 hours	26 dB	26 dB	

*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.

Screen Screen Blue Laser (Light source) Projection lens Phosphor wheel

Brightness Deterioration Comparison between Light Output Modes



High Image Quality

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

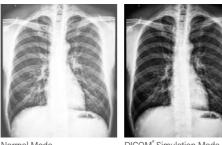
HDCR ON

Dark parts are obscure.

Dark parts become clear.

DICOM® Simulation Mode

This mode is suitable for viewing grayscale medical images, such as X-rays, for training and educational purposes.



are simulations.

This projector is not a

medical device and is

the DICOM® standard, and neither the

for medical diagnosis

Comparison photos

not compliant with

projector nor the DICOM® Simulation Mode should be used

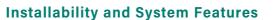
LINEUP * The lens of the projector is sold separately. * Local availability may be limited.











Warpin

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.







Curved screen



Curved screen

* The specialized application for geometry correction is required.

4K Signal Input Capability *3

The projectors allow 4K signal input on HDMI1, HDBaseT, and DisplayPort input terminals. You can enjoy much better viewing experience with a 4K Ultra HD Blu-ray™ player or other devices.

*3 HDMI 1 and HDBaseT supports 4K@24/25/30/50/60 signals. DisplayPort support 4K@24/25/30 signals.

HDMI OUT

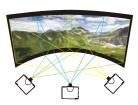
Transfers the input signal on the HDMI1 or HDBaseT terminal to another device. It allows to connect the projectors*4 in series in order to project the same images simultaneously without using an HDMI splitter or switcher product.

*4 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 HDCP version, the restriction of the number of devices for HDCP repetition of source device, and the quality of a cable.



Edge Blending

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



360

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

360° Projection

The projector provides great installation flexibility as it can be installed at various angle. 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 *5

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







*5 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 connected external device.

Interchangeable Lenses Options *Local availability may be limited.

	, , , , , , , , , , , , , , , , , , , ,										
	Longtur	20	Zoom	Throw	Screen size	Woight	Lens shift				
Lens type			ratio	ratio ratio (Diagonal)		Weight	Up / Down	Left / Right			
	FL-720	Ultra short throw fixed lens	1.0	0.38	100"- 350"	3.1kg	+82% ~ +88%	-5% ~ +5%			
0	USL-701	Ultra short throw lens	1.3	0.74 - 0.98	60"- 600"	1.8kg	-16.7%~ +52.5%	-10% ~ +10%			
	FL-701	Fixed short throw lens	1.0	8.0	30"- 600"	1.1kg	-6.9% ~ +6.9%	+4.3% ~ -4.3%			
	SL-712	Short throw lens	1.5	1.2 – 1.8	30"- 600"	0.7kg	-16.7% ~ 52.5%	-10% ~ +10%			
	ML-713	Middle throw lens	1.7	1.7 - 3.0	30"- 600"	0.9kg	-16.7% ~ +56.5%	-10% ~ +10%			
	LL-704	Long throw lens	1.7	2.8 - 4.9	30"- 600"	1.5kg	-16.7% ~ +52.5%	-10% ~ +10%			
	UL-705	Ultra long throw lens	1.7	4.9 - 8.3	30"- 600"	1.6kg	-16.7% ~ +52.5%	-10% ~ +10%			

Lens shift area

The motorized lens shift lets you choose 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.

Other Functions

[Image Quality]: HDR*⁶ (High Dynamic Range) supporting PQ and HLG system [Network]: Projector Control, Easy Scheduling Setting, Network presentation [Installability]: Perfect Fit, Instant Stack [Security]: PIN lock, Key lock [Usability]: Direct Power On/Off, Magnify, PbyP / PinP, Remote ID, Quick Start

*6 Only for HDMI 1