Specifications

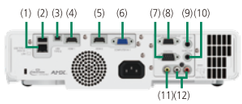
Model name			MP-JU4001	MP-JW4001	MP-JW3501	MP-JW401E	MP-JW351E	MP-JX351E
Display system			3LCD					
Display device	Size of effective display area		0.64" × 3, aspect ratio 16 : 10	0.59" × 3, aspect ratio 16 : 10				0.63" × 3, aspect ratio 4 : 3
	Number of pixels		2,304,000 pixels H : 1,920 × V : 1,200 (WUXGA)	1,024,000 pixels H : 1,280 × V : 800 (WXGA)				786,432 pixels H : 1,024 × V : 768 (XGA)
Lens	Zoom		Manual (1.6×)	Manual (1.2×)				
	Focus		Manual					
Light source			Laser diode					
Screen size			30 – 300 inch					
Light output (Brightness)*1			4,000 lm		3,500 lm	4,000 lm	3,500 lm	
Contrast ratio (full white / full black)*1			2,000,000 : 1					
Speaker			16W × 1 (mono)			1W × 1 (mono)		
Displayable scanning frequency		Horizontal	15 ~ 106 kHz					
		Vertical	24 ~ 120 Hz	50 ~ 120 Hz				
Display resolution		Computer	WUXGA*2 (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*3 (max.) *Native resolution is WXGA.				1080P*3 (max.) *Native resolution is XGA.
Terminals	COMPUTER IN 1		Mini D-sub 15 pin connector × 1					
	COMPUTER IN 2 / MONITOR OUT		Mini D-sub 15 pin connector × 1					
	VIDEO		RCA connector × 1					
	HDMI IN		HDMI (HDCP compliant) × 2					
	AUDIO IN		3.5mm (stereo) mini connector × 1, RCA connector (L,R) × 1			3.5mm (stereo) mini connector × 1		
	AUDIO OUT		3.5mm (stereo) mini connector × 1					
	CONTROL (RS-232C)		D-sub 9 pin connector × 1					
	LAN		RJ-45 connector × 1					
	USB-A		USB type A × 1 (DC 5V 2.0A power supply) (PC-LESS presentation or wireless adapter (option))			USB type A × 1 (DC 5V 2.0A power supply)		
	USB-B		USB type B × 1 (USB mouse control)					
Network	Wired		100BASE-TX / 10BASE-T					
	Wireless (Option*4)		IEEE802.11a/b/g/n/ac					
Operating temperature			0 ~ 40 °C*5 (The brightness of light source may be reduced automatically over 35 °C (95 °F)).					
Operating humidity			10 – 80%RH (non-condensing)					
Power requirements			AC 100V – 120V (50 / 60Hz), 2.9A AC 220V – 240V (50 / 60Hz), 1.4A	AC 100V – 120V (50 / 60Hz), 2.8A AC 220V – 240V (50 / 60Hz), 1.4A	AC 100V – 120V (50 / 60Hz), 2.5A AC 220V – 240V (50 / 60Hz), 1.3A	AC 100V – 120V (50 / 60Hz), 2.6A AC 220V – 240V (50 / 60Hz), 1.3A	AC 100V – 120V (50 / 60Hz), 2.3A AC 220V – 240V (50 / 60Hz), 1.2A	
Power consumption			AC 100 -120V : 280W AC 220 - 240V : 270W	AC 100 -120V : 270W AC 220 - 240V : 260W	AC 100 -120V : 240W AC 220 - 240V : 230W	AC 100 -120V : 250W AC 220 - 240V : 240W	AC 100 -120V : 230W AC 220 - 240V : 220W	
Standby mode power consumption			0.5W at saving mode*6					
Standard outside dimensions (W × H × D)			336 mm × 87 mm × 276 mm (13.2" × 3.4" × 10.9") (Including protruding parts) 330 mm × 69 mm × 271 mm (13.0" × 2.7" × 10.7") (Excluding protruding parts)					
Weight			Approx. 3.6 kg (7.9 lbs.)	Approx. 3.5 kg (7.7 lbs.)		Approx. 3.4 kg (7.5 lbs.)		
Accessories			Remote control with two AA batteries, Power cord, Computer cable, Lens cover, User's manuals					
Optional parts	USB wireless adapter		USB-WL-5G*7			UX44211		
	Air filter		UX44211			HAS-E100 (Bracket for ceiling mount),		
	Mounting accessories		HAS-E100 (Bracket for ceiling mount), HAS-104S (Slim adapter for fixing mount), HAS-204L (Standard adapter for fixing mount), HAS-304H (Long adapter for fixing mount)			HAS-104S (Slim adapter for fixing mount), HAS-204L (Standard adapter for fixing mount), HAS-304H (Long adapter for fixing mount)		

*1 When PICTURE MODE is set to DYNAMIC, and LIGHT OUTPUT is set to Normal 100%, zoom position is WIDE (max.). *2 WUXGA (60 Hz) Reduced Blanking only. *3 Except for 1080P (24Hz). *4 Optional wireless adapter is needed. *5 0-40 °C at altitude from 0 m to 1,600 m. 0 - 35 °C at altitude from 1,600 m to 3,048 m. *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.

Environment

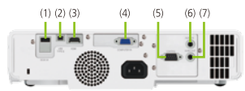
- **Long Life mode**
- **No use of mercury lamp**

MP-JU4001 / MP-JW4001 / MP-JW3501



(1) LAN (2) USB-A (3) USB-B
(4) HDMI 1 (5) HDMI 2
(6) COMPUTER IN1 (7) CONTROL (RS-232C)
(8) COMPUTER IN2 / MONITOR OUT
(9) AUDIO IN 1 (10) AUDIO OUT
(11) VIDEO (12)AUDIO IN2

MP-JW401E / MP-JW351E / MP-JX351E



(1) USB-A (2) USB-B
(3) HDMI (4) COMPUTER IN
(5) CONTROL (RS-232C)
(6) AUDIO IN (7) AUDIO OUT

maxell

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Yokohama, 244-0003, Japan
http://proj.maxell.co.jp/en/

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LCD Projector

maxell
Within, the Future



Compact, Light, and Quick start-up Multi functional Laser projector

3LCD | DEVICE DISCOVERY AMX | CRESTRON connected | LASER Light Source

MP-JU4001 / MP-JW4001 / MP-JW3501
MP-JW401E / MP-JW351E / MP-JX351E

*Projected images are simulations



Compact, Light, and Quick start-up
Multi functional Laser projector

LINE UP

3LCD　LASER Light Source　AMX DEVICE DISCOVERY　CRESTRON connected



MP-JU4001
WUXGA | 4,000 lm



MP-JW4001
WXGA | 4,000 lm



MP-JW3501
WXGA | 3,500 lm



MP-JW401E
WXGA | 4,000 lm



MP-JW351E
WXGA | 3,500 lm



MP-JX351E
XGA | 3,500 lm

Compact, Light and Slim

The smallest and lightest series of Maxell laser projector have been released. Despite their compactness, they are bright enough to be used in medium-sized conference rooms. They can be easily carried from one meeting room to another. They can be easily fixed to the ceiling.



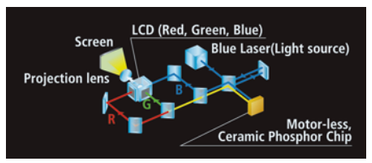
3.5 kg*2　**3.4 kg*2**

*1 Excluding protruding parts
*2 Only for MP-JW4001, and MP-JW3501. MP-JU4001 is 3.6 kg
MP-JW401E, MP-JW351E, MP-JX351E is 3.4 kg

Motor-less optical units

Instead of a conventional rotating phosphor wheel, a motor-less ceramic phosphor is used. The reliability is improved by removing the moving parts. In addition, Maxell's laser light source projectors have 20,000 hours*3 of light source life. Users can enjoy using the projector for long periods of time.

*3 For laser light source. In this case of that LIGHT OUTPUT is set to Normal. The value is an estimate and may vary depending on the use environment or use condition.



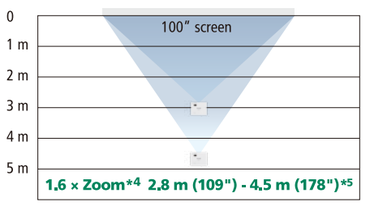
* This is for illustrative purposes only.

Zoom lens

MP-JU4001

Wide-range 1.6× Zoom lens*4

Featuring a powerful 1.6× manual zoom lens*4, the projectors allow for a greater range of installation possibilities.



*4 1.2 × zoom lens for MP-JW4001 / MP-JW3501
*5 In case of MP-JW4001 and MP-JW3501, 3.2 m (124") - 3.8 (150")
* 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).



More Convenient Functions

MP-JU4001 / MP-JW4001 / MP-JW3501

ACCENTUALIZER*8, HDCR*8, Direct Power On / Off, Perfect Fit

[Network] Projector control, Network presentation　*8 Only for MP-JU4001

MP-JW401E / MP-JW351E / MP-JX351E

Direct Power On / Off, Multi-language user menu, PIN Lock, Keystone (Only for vertical)

Dimensions





* The figures are not drawn to scale.

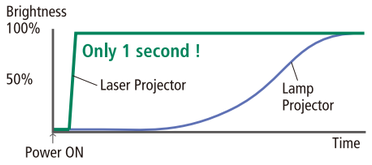
Timer Function

Count down and count up are available with the timer function. It can be used for presentations or mini quizzes. The chime rings in a soft tone so that the audience does not get startled. The elapsed overtime is also displayed.



Quick Start*6

When STAND BY MODE is set to QUICK START, projection starts within 1 second*7 of turning on. You can use to start presentation and class quickly.



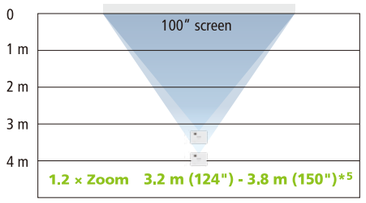
* This is for illustrative purposes only.

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

MP-JW4001 / MP-JW3501
MP-JW401E / MP-JW351E / MP-JX351E

1.2× Zoom lens

The 1.2x zoom lens allows the users to flexibly move the projector in a 0.6m range in the forward and backward direction when projecting on a 100" screen.

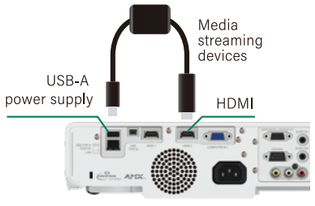


*5 In case of MP-JX351E: 3.0 m (117") – 3.6 m (141")
* This figure is not drawn to scale.

USB-A power supply

5V 2.0A power can be supplied from the USB-A terminal. As a result, when using a media streaming device, there is no need to connect it to an external power supply. It can be used with simple wiring.

MP-JU4001 / MP-JW4001 / MP-JW3501

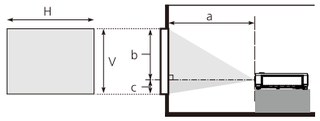


MP-JW401E / MP-JW351E / MP-JX351E

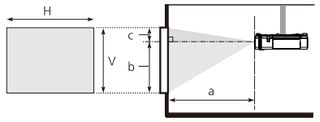


Projection Distance

Placed on the horizontal surface



Suspended from the ceiling



* The figures are not drawn to scale.

MP-JU4001　16 : 10 screen　(1,920 × 1200)

Screen type	Screen type				Projection distance				Screen height			
	H		V		a (min.)		a (max.)		b		c	
inch	m	inch	m	inch	m	inch	m	inch	cm	inch	cm	inch
60	1.3	51	0.8	32	1.6	65	2.7	105	70	28	10	4
80	1.7	68	1.1	42	2.2	87	3.6	142	94	37	14	5
100	2.2	85	1.3	53	2.8	109	4.5	178	117	46	17	7
120	2.6	102	1.6	64	3.3	132	5.4	214	141	55	21	8
150	3.2	127	2.0	79	4.2	165	6.8	268	176	69	26	10
200	4.3	170	2.7	106	5.6	221	9.1	358	234	92	35	14

MP-JW401E / MP-JW351E　16 : 10 screen　(1,280 × 800)

Screen type	Screen type				Projection distance				Screen height			
	H		V		a (min.)		a (max.)		b		c	
inch	m	inch	m	inch	m	inch	m	inch	cm	inch	cm	inch
60	1.3	51	0.8	32	1.9	74	2.3	89	75	30	6	2
80	1.7	68	1.1	42	2.5	99	3.0	119	100	39	8	3
100	2.2	85	1.3	53	3.2	124	3.8	150	125	49	10	4
120	2.6	102	1.6	64	3.8	150	4.6	180	150	59	12	5
150	3.2	127	2.0	79	4.8	188	5.7	226	188	74	14	6
200	4.3	170	2.7	106	6.4	251	7.7	302	250	98	19	8

MP-JW4001 / MP-JW3501　16 : 10 screen　(1,280 × 800)

Screen type	Screen type				Projection distance				Screen height			
	H		V		a (min.)		a (max.)		b		c	
inch	m	inch	m	inch	m	inch	m	inch	cm	inch	cm	inch
60	1.3	51	0.8	32	1.9	74	2.3	89	75	30	6	2
80	1.7	68	1.1	42	2.5	99	3.0	119	100	39	8	3
100	2.2	85	1.3	53	3.2	124	3.8	150	125	49	10	4
120	2.6	102	1.6	64	3.8	150	4.6	180	150	59	12	5
150	3.2	127	2.0	79	4.8	188	5.7	226	188	74	14	6
200	4.3	170	2.7	106	6.4	251	7.7	302	250	98	19	8

MP-JX351E　4 : 3 screen　(1,024 × 768)

Screen type	Screen type				Projection distance				Screen height			
	H		V		a (min.)		a (max.)		b		c	
inch	m	inch	m	inch	m	inch	m	inch	cm	inch	cm	inch
60	1.2	48	0.9	36	1.8	69	2.1	84	78	31	13	5
80	1.6	64	1.2	48	2.4	93	2.9	113	105	41	17	7
100	2.0	80	1.5	60	3.0	117	3.6	141	131	51	22	9
120	2.4	96	1.8	72	3.6	141	4.3	170	157	62	26	10
150	3.0	120	2.3	90	4.5	177	5.4	213	196	77	33	13
200	4.1	160	3.0	120	6.0	237	7.2	285	261	103	44	17

* The values may be different slightly.