Laser Projector

maxell
Within, the Future



MP-EU5002 WUXGA 5,000 lm
MP-EW5002 WXGA 5,000 lm
MP-EX5002 XGA 5,300 lm

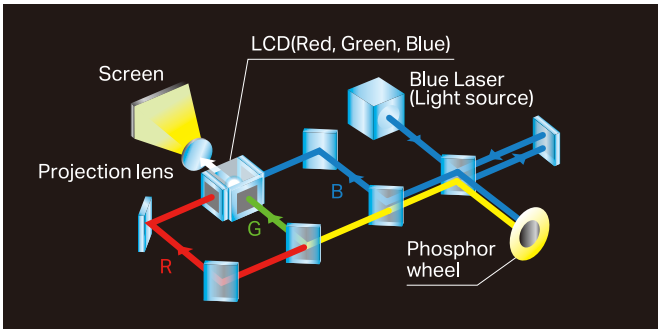
3LCD

LASER Light Source

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.

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



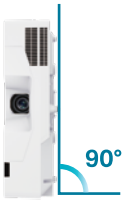
360° Projection

This 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).



Portrait projection

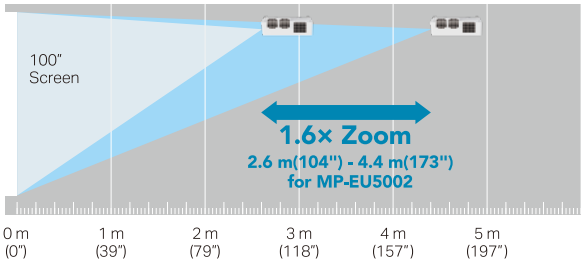




1.6× Zoom Lens

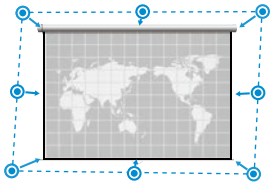
Featuring a powerful 1.6× manual zoom lens, the projectors allow for a greater range of installation possibilities.

*This figure is not drawn to scale.



Perfect Fit

Equipped with Perfect Fit with which the position of four corners and four sides of a projected image can be adjusted. With the remote controller at hand, you can quickly correct the distorted image such as pincushion or barrel.



3 HDMI® inputs (MP-EU5002 only)

Wireless Dual Band Support (Option)

Provides a stable wireless network environment by supporting wireless dual band (2.4 GHz / 5 GHz).



* Dual Band may be restricted in some countries and regions.

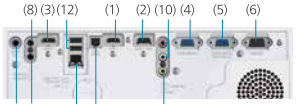
Specifications

Model name			MP-EU5002	MP-EW5002	MP-EX5002
Display system			3LCD		
Display device	Size of effective display area		0.64", aspect ratio 16:10	0.59", aspect ratio 16:10	0.63", aspect ratio 4:3
	Number of pixels		2,304,000 pixeles H : 1,920 × V : 1,200 (WUXGA)	1,024,000 pixeles H : 1,280 × V : 800 (WXGA)	786,432 pixeles H : 1,024 × V : 768 (XGA)
Lens	Zoom		Manual (1.6×)		
	Focus		Manual		
Light source			Laser diode		
Screen size			30 ~ 300 inch		
Light output (Brightness)			5,000 lm *1	5,000 lm *1	5,300 lm *1
Contrast ratio (full white / full black)			500,000 : 1 *1		
Speaker			16 W × 1 mono		
Displayable scanning frequency		Horizontal	15 ~ 106 kHz		
		Vertical	50 ~ 120 Hz		
Display resolution		Computer	VGA, SVGA, XGA, WXGA, SXGA, WXGA+, WXGA++, WSXGA+, UXGA, Full HD, WUXGA*2, Mac 16"		
		Video	NTSC, NTSC4.43, PAL, SECAM, PAL-M, PAL-N, PAL(60Hz), 480i@60, 480p@60, 576i@50, 576p@50, 720p@50/60, 1080i@50/60, 1080p@50/60		
Terminals	HDMI IN		HDMI connector × 3 (HDMI IN 2 supports MHL input)	HDMI connector × 2 (HDMI IN 2 supports MHL input)	
	COMPUTER IN 1		Mini D-sub 15-pin connector × 1		
	COMPUTER IN 2 / MONITOR OUT		Mini D-sub 15-pin connector × 1		
	VIDEO IN		RCA connector × 1		
	AUDIO IN		3.5mm stereo mini connector × 2, RCA connector L/R × 1		
	AUDIO OUT		3.5mm stereo mini connector × 1		
	CONTROL IN (RS-232C)		D-sub 9-pin connector × 1		
	LAN		RJ-45 connector × 1		
	USB-A		USB type A × 2 (PC-LESS Presentation or Wireless LAN (option))		
	USB-B		USB type B × 1 (USB mouse control)	USB type B × 1 (USB Display and USB mouse control)	
Network	Wired		100BASE-TX / 10BASE-T		
	Wireless (option*3)		IEEE 802.11a/b/g/n/ac		
Operating temperature			0 - 40 °C *4 (The brightness of light source may be reduced automatically over 35 °C.)		
Operating humidity			10 - 80%RH (non-condensing)		
Power requirements			AC 100 - 120 V (50/60Hz), 3.8 A AC 220 - 240 V (50/60Hz), 1.9 A	AC 100 - 120 V (50/60Hz), 3.7 A AC 220 - 240 V (50/60Hz), 1.9 A	
Power consumption			AC 100 - 120 V : 370 W AC 220 - 240 V : 360 W	AC 100 - 120 V : 360 W AC 220 - 240 V : 350 W	
Standby mode power consumption			Less than 0.5 W *5		
Standard outside dimensions (W × H × D)			512 mm × 152 mm × 424 mm (20.2" × 6.0" × 16.7") (Including protrusions) 506 mm × 136 mm × 424 mm (19.9" × 5.4" × 16.7") (Excluding protrusions)		
Weight			Approx. 7.5 kg (16.5 lbs.)		
Accessories			Remote control with two AA batteries, Power cord, Computer cable, User's manual, Security label, Lens cover, Adapter cover, HDMI cable holder, Cable tie, Hook metal, Screw, Ferrite core		
Optional parts	Air filter		UX43251		
	Mounting accessories		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)		
	USB wireless adapter		USB-WL-5G *6		

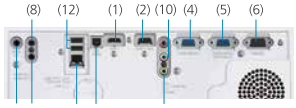
*1: When PICTURE MODE is set to DYNAMIC, and LIGHT OUTPUT is set to NORMAL 100 %. *2: For MP-EU5002 only. WUXGA (60 Hz) Reduced Blanking. *3: Optional wireless adapter is needed. *4: 0 - 40 °C at altitude from 0 m to 1,600 m. 0-35 °C at altitude from 1,600 m to 3,048 m. *5: SAVING mode disables the functions of MONITOR OUT, AUDIO OUT, speaker sound, network communication, RS-232C control except POWER ON command, etc. in standby. *6: The availability of the USB-WL-5G varies depending on the country and the region.

Terminals

MP-EU5002

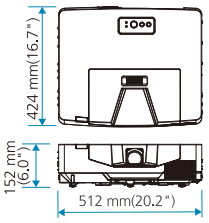


MP-EW5002 / MP-EX5002



(1)HDMI IN 1 (2)HDMI IN 2 / MHL (3)HDMI IN 3 (4)COMPUTER IN 1
(5)COMPUTER IN 2 / MONITOR OUT (6)CONTROL (7)VIDEO IN (8)AUDIO IN 1 (9)AUDIO IN 2
(10)AUDIO IN 3 (11)AUDIO OUT (12)USB-A (13)USB-B (14)LAN

Dimensions



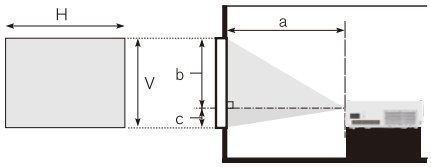
Environment

- **Compliance with EU Directive RoHS*1**
- **Power saving mode engaged during standby**
- **Long Life mode**
- **No use of mercury lamp**

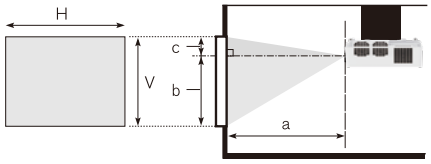
*1 RoHS is the acronym of "Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Projection Distance

Placed on the horizontal surface



Suspended from the ceiling



H x V : Screen size
a : Projection distance (from the projector's front panel to screen. Tolerance ±10 %)
b : Screen height from lens center to top (when installed on a horizontal surface)
c : Screen height from lens center to bottom (when installed on a horizontal surface)
*The figures above are not drawn to scale.

MP-EU5002 — **16 : 10 screen**

Screen type	Screen size H		Screen size V		Projection distance a(min.)		Projection distance a(max.)		Screen height b		Screen height c	
(inch)	m	inch	m	inch	m	inch	m	inch	cm	inch	cm	inch
60	1.3	51	0.8	32	1.5	60	2.6	101	70	28	10	4
80	1.7	68	1.1	42	2.1	82	3.5	137	94	37	14	5
100	2.2	85	1.3	53	2.6	104	4.4	173	117	46	17	7
120	2.6	102	1.6	64	3.2	127	5.3	209	141	55	21	8
150	3.2	127	2.0	79	4.1	160	6.7	263	176	69	26	10
200	4.3	170	2.7	106	5.5	216	9.0	353	234	92	35	14

MP-EW5002 — **16 : 10 screen**

Screen type	Screen size H		Screen size V		Projection distance a(min.)		Projection distance a(max.)		Screen height b		Screen height c	
(inch)	m	inch	m	inch	m	inch	m	inch	cm	inch	cm	inch
60	1.3	51	0.8	32	1.7	65	2.8	109	73	29	8	3
80	1.7	68	1.1	42	2.3	89	3.8	148	97	38	11	4
100	2.2	85	1.3	53	2.9	113	4.8	187	121	48	13	5
120	2.6	102	1.6	64	3.5	137	5.7	226	145	57	16	6
150	3.2	127	2.0	79	4.4	174	7.2	284	182	72	20	8
200	4.3	170	2.7	106	5.9	234	9.7	382	242	95	27	11

MP-EX5002 — **4 : 3 screen**

Screen type	Screen size H		Screen size V		Projection distance a(min.)		Projection distance a(max.)		Screen height b		Screen height c	
(inch)	m	inch	m	inch	m	inch	m	inch	cm	inch	cm	inch
60	1.2	48	0.9	36	1.5	61	2.6	103	76	30	15	6
80	1.6	64	1.2	48	2.1	84	3.5	139	102	40	20	8
100	2.0	80	1.5	60	2.7	106	4.5	176	127	50	25	10
120	2.4	96	1.8	72	3.3	129	5.4	213	152	60	30	12
150	3.0	120	2.3	90	4.1	163	6.8	268	191	75	38	15
200	4.1	160	3.0	120	5.6	220	9.1	360	254	100	51	20

—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-ray™ 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. • MHL, the MHL logo, and Mobile High-Definition Link are trademarks or registered trademarks of MHL, LLC in the United States and other countries. • 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. • All other trademarks are the properties of their respective owners.

LASER RADIATION
AVOID DIRECT EYE EXPOSURE
CLASS 3R LASER PRODUCT
Wavelength : 449-461 nm
Max. Output : 148 mW
IEC 60825-1:2007

RAYONNEMENT LASER
ÉVITER D'EXPOSER
DIRECTEMENT LENS YEUX
PRODUIT LASER DE CLASSE 3R
Longueur D'onde : 449-461 nm
Sortie max. : 148 mW
IEC 60825-1:2007

雷射輻射
避免眼睛受到直接照射
3R類雷射產品
波長 : 449-461 nm
最大輸出 : 148 mW
IEC 60825-1:2007

CLASS 1 LASER PRODUCT
PRODUIT LASER DE CLASSE 1
LASERPRODUKT DER KLASSE 1
IEC/EN 60825-1:2014

RG2

Hustem®
Color Communication Leader

주식회사 휴스템
maxell 프로젝터 한국 공식 수입원
서울시 강남구 대치동 943-27 신도빌딩 2층
Tel: 02-6262-1000 (대) www.hustem.com
고객상담실 : 080-800-0115

HITACHI 프로젝터를 개발, 생산, 판매하였던 HITACHI Maxell이 maxell로 바뀌면서 브랜드도 maxell로 변경되었습니다.
기존 제품 서비스도 변함없이 휴스템에서 처리됩니다.

구입문의처