LCD Projector

maxell
Within the Future

Lineup of easy-to-use projectors to meet your applications.

*Projected images are simulations

3LCD **AMX DEVICE DISCOVERY** **CRESTRON connected**

*MC-EX353E and MC-EX303E do not support AMX Device Discovery and Crestron Connected.

LINE UP *Local availability may be limited.

Network model	MC-EW4051	MC-EW3551	MC-EW3051	MC-EX4551	MC-EX3551	MC-EX3051
	WXGA 4,000 lm	WXGA 3,800 lm	WXGA 3,200 lm	XGA 4,500 lm	XGA 3,700 lm	XGA 3,300 lm
Basic model	MC-EX353E	MC-EX303E				
	XGA 3,700 lm	XGA 3,300 lm				

ACCENTUALIZER and HDCR　Network model

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.

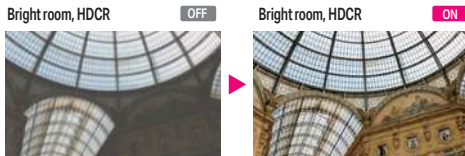Bright room, HDCR　OFF　→　Bright room, HDCR　ON
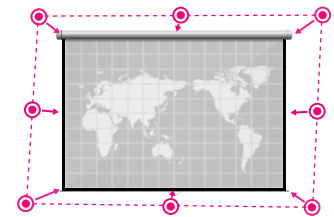
IMAGE OPTIMIZER　Network model

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

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

After long-hour use

IMAGE OPTIMIZER　OFF　→　IMAGE OPTIMIZER　ON

The entire image becomes dark.　Dark parts of the image becomes clear.
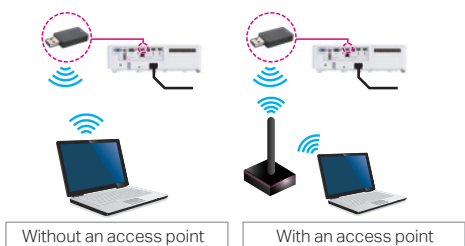
Perfect Fit　Network model

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.

Network Function / Capability

Wireless Capability (Option)　Network model

The projector is capable of a wireless network with the optional USB wireless adapter . You can control the projector with a computer via the network, and also project the screen of the computer on which the LiveViewer software is installed.

Without an access point　　With an access point

Smart Device Control　Network model

Using the dedicated free online application Projector Quick Connection, you can control the projector from a tablet or smartphone. In addition, you can project images, documents, and photos on the smart device.

*Projector need to be connected to network.
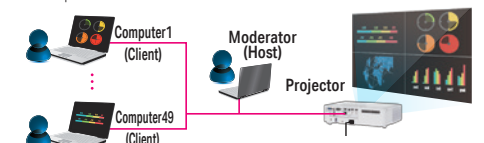*See the Maxell website for details.
 http://proj.maxell.co.jp/en/

*This picture shows an example of network connection using optional wireless adapter.

Moderator Control Mode　Network model

Setting one computer from the multiple computers (up to 50*[1]) that are connected to the projector as the moderator (host) makes it possible for the moderator to project from the other computers (clients).

*1 Image and audio transfer speed may vary depending on number of computer connected.

Computer1 (Client)　Moderator (Host)　Projector
Computer49 (Client)

*To secure better performance, a wired network is preferable. Required to install the LiveViewer software on all the computers. The functions are supported by LiveViewer (Windows® application) only.
* The software LiveVewer can be downloaded from the website. http://proj.maxell.co.jp/en/

Other Useful Features　Network model　Basic model

· Internal speaker*[2] · Direct Power On / Off · DICOM® simulation mode*[3] · Audio Pass Through · My Screen · PIN Lock System

*2 The network model has a 16w speaker. The basic model has a 1W speaker. *3 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.

Notes · The images in this catalog are representations of the effects and differ from actual images.
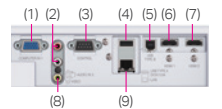
Specifications

Model name	MC-EW4501	MC-EW3551	MC-EW3051	MC-EX4551	MC-EX3551	MC-EX3051	MC-EX353E	MC-EX303E
Display system	3LCD							
Display device — Size of effective display area	0.59", aspect ratio 16 : 10			0.63", aspect ratio 4 : 3				
Display device — Number of pixels	1,024,000 pixels H : 1280 × V : 800 (WXGA)			786,432 pixels H : 1,024 × V : 768 (XGA)				
Lens — Zoom	Manual (1.2×)							
Lens — Focus	Manual							
Light Source	230 W Lamp							
Screen size	30 - 300 inch							
Light output (Brightness)*1	4,000 lm	3,800 lm	3,200 lm	4,500 lm	3,700 lm	3,300 lm	3,700 lm	3,300 lm
Contrast ratio (full white / full black)*2	20,000 : 1							
Speaker	16 W × 1 mono						1 W × 1 mono	
Display Scanning frequency — Horizontal	15 - 106 kHz							
Display Scanning frequency — Vertical	50 - 120 Hz							
Display Resolution — Computer	VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+*3, WSXGA+*4, UXGA, Full HD, Mac16"							
Display Resolution — Video	NTSC, NTSC4.43, PAL, SECAM, PAL-M, PAL-N, PAL(60 Hz), 480i@60, 480p@60, 576i@50, 576p@50, 720p@50/60, 1080i@50/60, 1080p@50/60							
Terminals — COMPUTER IN	Mini D-sub 15-pin connector × 2							
Terminals — MONITOR OUT	Mini D-sub 15-pin connector × 1 (shared wit COMPUTER IN2)							
Terminals — VIDEO IN	RCA connector × 1							
Terminals — HDMI IN	HDMI (HDCP compliant) × 2						HDMI (HDCP compliant) × 1	
Terminals — AUDIO IN	3.5mm stereo mini connector × 2, RCA connector L / R × 1						RCA connector L / R × 1	
Terminals — AUDIO OUT	3.5mm stereo mini connector × 1							
Terminals — CONTROL (RS-232C)	D-sub 9-pin connector × 1							
Terminals — LAN	RJ-45 connector × 1						-	
Terminals — USB-A	USB type A × 1 (PC-LESS presentation or Wireless adapter (option))						-	
Terminals — USB-B	USB type B × 1 (USB display*5 or USB mouse control)						-	
Network — Wired	100BASE-TX / 10BASE-T						-	
Network — Wireless (Option*6)	IEEE 802.11a/b/g/n/ac						-	
Operating temperature	0 - 35 °C							
Operating humidity	10 - 90%RH (non-condensing)							
Power requirements	AC 100 V - 120 (50/60 Hz) : 3.3 A, AC 220 V - 240 V (50/60 Hz) : 1.6 A						AC 100 V - 120 (50/60 Hz) : 3.0 A, AC 220 V - 240 V (50/60 Hz) : 1.5 A	
Power consumption	AC 100 V - 120 (50/60 Hz) : 320 W, AC 220 V - 240 V (50/60 Hz) : 310 W						AC 100 V - 120 (50/60 Hz) : 290 W, AC 220 V - 240 V (50/60 Hz) : 280 W	
Standby mode power consumption	0.35 W at saving mode*7							
Standard outside dimensions (W × H × D)	355 × 106 × 267 mm (14.0" × 4.2" × 10.5") (Including protruding parts), 349 × 88 × 264 mm (14.0" × 3.5" × 10.4") (Excluding protruding parts)							
Weight	Approx. 3.5 kg (7.7 lbs)						Approx. 3.4 kg (7.5 lbs)	
Accessories	Power cord, Computer cable, Remote control with two AA batteries, Lens cover*8, Adapter cover*8, Security label, User's manual (Book)							
Option Parts — USB Wireless Adapter	USB-WL-5G*9						-	
Option Parts — Lamp	DT02081							
Option Parts — Air filter	UX39561							
Option Parts — Mounting accessories	HAS-EX300 (Bracket for celling 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, ACTIVE IRIS is set to OFF, and ZOOM position is WIDE (max). *2 When PICTURE MODE is set to DYNAMIC, ACTIVE IRIS is set to ON, and ZOOM position is WIDE (max). *3 Only for MC-EX4551, MC-EX3551, MC-EX3051, MC-EX353E and MC-EX303E *4 Only for MC-EW4051, MC-EW3551 and MC-EW3051 *5 Only for Windows® OS. *6 Optional wireless adapter is needed. *7 SAVING mode disables the functions of MONITOR OUT, AUDIO OUT, speaker sound, network communication, RS-232C control except POWER ON command, etc. in standby. *8 Only for MC-EW4051, MC-EW3551, MC-EW3051, MC-EX4551, MC-EX3551 and MC-EX3051 *9 The availability of the USB-WL-5G varies depending on the country and the region.
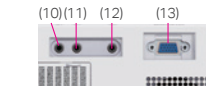
Terminals

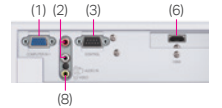**MC-EW4501 / MC-EW3551 / MC-EW3051 / MC-EX4551 / MC-EX3551 / MC-EX3051**

[Rear]
(1) (2) (3) (4) (5) (6) (7)

(8) (9)

[Side]
(10) (11) (12) (13)

MC-EX353E / MC-EX303E

[Rear]
(1) (2) (3) (6)

(8)

[Side]
(12) (13)
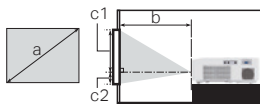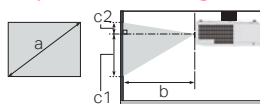

(1) COMPUTER IN1 (2) AUDIO IN3
(3) CONTROL (RS-232C) (4) USB-A
(5) USB-B (6) HDMI IN1 (7) HDMI IN2
(8) VIDEO (9) LAN (10) AUDIO IN1
(11) AUDIO IN2 (12) AUDIO OUT
(13) COMPUTER IN2 / MONITER OUT

Projection Distance

Placed on the horizontal surface

Suspended from the ceiling

* The figure are not drawn to scale.

MC-EW4051 / MC-EW3551 (1,280 x 800) (±10%)

a Screen size (diagonal)		16 : 10 screen				c1 Screen height	c2 Screen height
		b Projection distance					
type		min.		max.			
(inch)	m	m	inch	m	inch	cm	inch	cm	inch

type		min.		max.		c1		c2	
(inch)	m	m	inch	m	inch	cm	inch	cm	inch
60	1.5	1.9	73	2.2	88	75	30	6	2
80	2.0	2.5	99	3.0	119	100	39	8	3
100	2.5	3.1	124	3.8	149	125	49	10	4
120	3.0	3.8	149	4.6	180	150	59	12	5
150	3.8	4.8	187	5.7	226	188	74	14	6
200	5.1	6.4	251	7.7	302	250	98	19	8

MC-EW3051 (1,280 x 800) (±10%)

type		min.		max.		c1		c2	
(inch)	m	m	inch	m	inch	cm	inch	cm	inch
60	1.5	1.9	73	2.2	88	75	30	6	2
80	2.0	2.5	98	3.0	119	100	39	8	3
100	2.5	3.1	124	3.8	149	125	49	10	4
120	3.0	3.8	149	4.6	179	150	59	12	5
150	3.8	4.7	187	5.7	225	188	74	14	6
200	5.1	6.4	250	7.6	301	250	98	19	8

MC-EX4551 (1,024 x 768) (±10%)

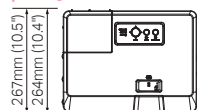| type		min.		max.		c1		c2	
(inch)	m	m	inch	m	inch	cm	inch	cm	inch
60	1.5	1.7	69	2.1	83	78	31	13	5
80	2.0	2.4	93	2.8	112	105	41	17	7
100	2.5	3.0	117	3.6	141	131	51	22	9
120	3.0	3.6	141	4.3	170	157	62	26	10
150	3.8	4.5	177	5.4	213	196	77	33	13
200	5.1	6.0	237	7.2	285	261	103	44	17

MC-EX3551 / MC-EX3051 / MC-EX353E / MC-EX303E (1,024 x 768) (±10%)

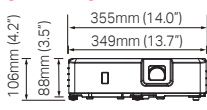| type		min.		max.		c1		c2	
(inch)	m	m	inch	m	inch	cm	inch	cm	inch
60	1.5	1.7	69	2.1	83	78	31	13	5
80	2.0	2.4	93	2.8	112	105	41	17	7
100	2.5	3.0	116	3.6	140	131	51	22	9
120	3.0	3.6	140	4.3	169	157	62	26	10
150	3.8	4.5	176	5.4	212	196	77	33	13
200	5.1	6.0	236	7.2	284	261	103	44	17

b : Projection distance (from the projector's front panel to screen. Tolerance ±10%) c1 : Screen height from lens center to top (when installed on a horizontal surface) c2 : Screen height from lens center to bottom (when installed on a horizontal surface)

Dimensions

[Top view]

267mm (10.5") 264mm (10.4")

[Front view]

355mm (14.0")
349mm (13.7")
106mm (4.2") 88mm (3.5")

*The figures above are not drawn to scale.

Environment

▶ **Compliance with EU Directive RoHS**[*1]
▶ **Reduction of resin usage in production**
  Use of hot runners in molds for making upper housing in order to reduce mill ends.
▶ **Power saving mode engaged during standby**
▶ **Eco mode**
  Eco mode provides power saving.

*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".

―**Design and specifications are subject to change without notice.**