LCD Projector





MC-EW4051 MC-EW3551 MC-EW3051 MC-EX4551 MC-EX4051 MC-EX3551 MC-EX3051 **Network model** WXGA 4.000 lm WXGA 3.800 lm WXGA 3,200 lm XGA 4.500 lm XGA 4.200lm XGA 3.700 lm XGA 3.300 lm

MC-EW403E MC-EW303E MC-EX353E MC-EX403E MC-EX303E **Basic model** WXGA 4,000lm WXGA 3,200lm XGA 4,200lm 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.

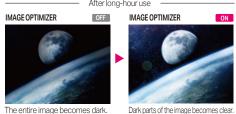
* Comparison photos are simulations



IMAGE OPTIMIZER

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.



Perfect Fit

Network model

Network model

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.



Smart Device Control

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/



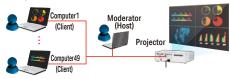
*This picture shows an example of network connection using optional

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.



- *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.

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

Spec	ificatio	ons													
Model name		MC-EW4051	MC-EW3551	MC-EW3051	MC-EX4551	MC-EX4051	MC-EX3551	MC-EX3051	MC-EW403E	MC-EW303E	MC-EX403E	MC-EX353E	MC-EX303E		
Display system		3LCD													
Display Size of effective display area		e display area	0.59"	×3 , aspect ratio	16:10		0.63" ×3 , as	pect ratio 4:3		0.59" ×3, aspe	ect ratio 16:10	0.63"	×3 , aspect rati	o4:3	
device Nu	mber of pixe	els		1,024,000 pixel	ls		786,43	32 pixels		1,024,0	00 pixels		786,432 pixels		
			H:1	280 × V : 800 (V	VXGA)		H:1,024 ×	V : 768 (XGA)		H:1280 × V	: 800 (WXGA)	H:1	,024 × V : 768 (XGA)	
Lens Zo	Zoom		Manual (1.2×)												
Fc	cus		Manual												
Light sourc			230 W Lamp												
Screen size									00 inch						
	t (Brightness)		4,000 lm	3,800 lm	3,200 lm	4,500lm	4,200lm	3,700 lm	3,300 lm	4,000lm	3,200lm	4,200lm	3,700 lm	3,300 lm	
	tio (full white /	/ full black)*2						20,0	00:1						
Speaker						16 W × 1 mond)					1 W × 1 mono			
Display		orizontal						15 - 1							
Scanning fre		ertical				50 - 120 Hz									
	Co	omputer	Full HD (max.)					D (max.)) (max.)	Full HD (max.)			
Display			*Native resolution is WXGA.			*Native resolution is XGA.			*Native resolution is WXGA.		*Native resolution is XGA.				
Resolution	Vid	deo		1080p (max.)		1080p (max.)				1080p (max.)		1080p (max.)			
			*Native resolution is WXGA. *Native resolution is XGA.						*Native resolu	ition is WXGA.	*Nati	ve resolution is	XGA.		
	s COMPUTER IN		Mini D-sub 15-pin connector × 2												
	MONITOR OUT		Mini D-sub 15-pin connector × 1 (shared wit COMPUTER IN2)												
	VIDEO IN		RCA connector × 1							LIDMI/LIDOD					
	HDMI IN		HDMI (HDCP compliant) × 2 3.5mm stereo mini connector × 2, RCA connector (L,R) × 1							HDMI (HDCP compliant) × 1					
	AUDIO IN			3.5mr	n stereo mini co	nnector × 2, RC	3.5mm stereo mini connector ×				RCA connector (L , R) × 1				
	AUDIO OUT	20.0000													
	CONTROL (R LAN	KS-232U)	D-sub 9-pin connector × 1												
	USB-A		RJ-45 connector × 1 USB type A × 1 (PC-LESS presentation or Wireless adapter (option))												
	USB-B		USB type B × 1 (USB display*3 and USB mouse control)												
	Wired		100BASF-TX / 10BASF-T						· ·						
	Wireless (Opt	rtion*/I)	IEEE 802.11a/b/g/n/ac							-					
	emperature	(ד ווטווו	0 - 35 °C												
Operating to								10 - 90%RH (n)					
Power requ				ΔC 100 V	- 120 (50/60 Hz	1 3 3 A AC 220	V = 240 V (50/)		or corractions		120 (50/60 Hz	3 0 4 AC 220	V = 240 V (50/6	Ω H=) 1 5 Δ	
Power consumption			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): 320 W, AC 220 V - 240 V (50/60 Hz): 310 W						AC 100 V - 120 (50/60 Hz), 3.0 A, AC 220 V - 240 V (50/60 Hz), 1.5 A 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*5						710 100 V 120 (00100 112): 200 W; 710 220 V 2 10 V (00700 112): 200 W							
	side dimension			355 × 1	06 × 267 mm (1	4.0" × 4.2" × 10).5") (Including r	orotruding parts)		4 mm (14.0" × 3	5" × 10.4") (Exc	ludina protrudi	ng parts)		
Weight		Approx. 3.5 kg (7.7 lbs)						Approx. 3.4 kg (7.5 lbs)							
Accessorie	S			Po				ith two AA batte	ies, Lens cove	r*6, Adapter cov		0.			
Optional par		less Adapter	Power cord, Computer cable, Remote control with two AA batteries, Lens cover*6, Adapter cover*6, Security label, User's manual USB-WL-5G*7 -												
	Lamp		DT02081												
	Air filter							UX3	9561						
		accessories	HAS-FX:	300 (Bracket fo	r cellina mount)	. HAS-104S (Sli	m adapter for f	fixing mount), HA	S-204L (Stand	ard adapter for f	ixina mount). HA	AS-304H (Lona	adapter for fixir	na mount)	

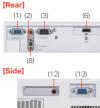
Terminals -EW4051 / MC-EW3551 -EW3051 / MC-EX4551

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

(8) [Side]



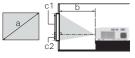
MC-EW403E / MC-EW303E / MC-EX403E / MC-EX353E / MC-EX303E



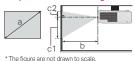
(1) COMPLITER IN1 (2) AUDIO IN3 (3) CONTROL (RS-232C) (4) USB-A (5) USB-B (6) HDMI IN1 (7) HDMI IN2 (8) VIDEO (9) LAN (10) AUDIO IN1 (11) AUDIO IN2 (12) AUDIO OUT (13)COMPUTER IN2 / MONITER OUT

Projection Distance

ed on the horizontal surface



Suspended from the ceiling



MC-EW4051 / MC-EW3551 / MC-EW403E

min. max.

80 2.0 2.5 99 3.0 119 100 39

150 3.8 4.8 187 5.7 226 188 74

100 2.5 3.1 124 3.8 149 125 49 10 120 3.0 3.8 149 4.6 180 150 59

200 5.1 6.4 251 7.7 302 250 98 19 8

type

(inch) m

16:10 screen

m inch m inch cm inch cm inch 1.9 73 2.2 88 75

OS. '4 Optional wireless adapter is needed. '5 SAVING mode disables the functions of MONITOR OUT, AUDIO OUT, speaker sound, network communication, RS-232C control except POV MC-EW4051, MC-EW3051, MC-EW3051, MC-EX4551, MC-EX4051, MC-EX3551 and MC-EX3051 '7 The availability of the USB-WL-5G varies depending on the country and the region.

(1,280 x 800) (±10%)

height height

30

8

12

14

*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 Windows'

	Screen size (diagonal)		10. 10 screen									
			ı	Proje dista			c1 Screen height		c2 Screen height			
	typ	эе	m	in.	ma	ЭХ.	Hei	grit	Hei	grit		
	(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		

MC-EX4551 / MC-EX4051 / MC-EX403E

cent POWER ON command, etc. in standby, *6 Only for

(1,024 x 768) (±10%)

(1,0=111100,(=101													
a Screen size (diagonal) type		4:3 screen											
			t Proje dista	ctio		c1 Screen height		c2 Screen height					
		m	in.	ma	ЭX.								
(inch)	(inch) 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-EX305 MC-EX353E / MC-EX303	
(1	,024 x 768) (±10%)

		a Screen size (diagonal)		4:3 screen									
1				b Projection distance				c1 Screen height		c2 Screen height			
		typ	эе	min. max.			ax.	Hei	grit	rieigrit			
h		(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		
3		150	3.8	4.5	176	5.4	212	196	77	33	13		
7		200	5.1	6.0	236	7.2	284	261	103	44	17		

200 5.1 6.4 250 7.6 301 250 98 19 8 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)

[Top view] [Front view] (10.4") 355mm (14.0") # Ççç 88mm (3.5") 349mm (13.7") 0 *The figures above are not drawn to scale

Environment

Compliance with EU Directive RoHS*1

(1,280 x 800) (±10%)

▶ Reduction of resin usage in production Use of hot runners in molds for making upper housing in order to reduce mill ends. 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 (lamp, 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. • These 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 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 projector on again for ten minutes after shutdown. Neglect can shorten the lifetime or the lamp. During use and immediately after use, do not touch anywhere near the lamp and the vents as these parts are extremely hot. * Each product may have differences of color, brightness and focus due to manufacture variation. * Windows® is a trademark, or a registered trademark of Microsoft Corporation in the United States and/or other countries. * Crestron Connected and the Crestron Connected Logo are registered trademarks of Crestron Electronics. * HDMI and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing Administrator, 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. • All other trademarks are the properties of their respective owners.



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