Specifications

Model name		MC-X5551	MC-WX5505	MC-WX5501	MC-WU5505	MC-WU5501
Display system		3LCD				
Display device	Size of effective display area	0.63" aspect ratio 4 : 3	0.59" aspect ratio 16 : 10		0.67" aspect ratio 16 : 10	
	Number of pixels	786,432 pixels (1,024 horizontal × 768 vertical)	1,024,000 pixels (1,280 horizontal × 800 vertical)		2,304,000 pixels (1,920 horizontal × 1,200 vertical)	
Lens	Zoom	Manual (×1.6)			Manual (×1.7)	
	Focus	Manual				
	Lens shift	Manual (V, H)				
Light source		300 W (high pressure mercury lamp)				
Screen size		30 - 300 inch				
Light output (Brightness)*1		5,800 lm	5,200 lm			
Contrast ratio (full white / full black)*2		16,000 : 1				
Speaker		16 W × 1 (mono)				
Displayable scanning frequency	Horizontal	31.5 - 106 kHz				
	Vertical	56 - 120 Hz				
Display resolution	Computer	Full HD (max.) *Native resolution is XGA.	Full HD (max.) *Native resolution is WXGA.		WUXGA*3 (max.) *Native resolution is WUXGA.	
	Video	1080P (max.) *Native resolution is XGA.	1080P (max.) *Native resolution is WXGA.		1080P (max.) *Native resolution is WUXGA.	
Terminals	COMPUTER IN 1	Mini D-sub 15-pin connector × 1				
	MONITOR OUT	Mini-D-sub 15-pin connector × 1				
	VIDEO	RCA connector × 1				
	HDBaseT	-	RJ-45 connector × 1	-	RJ-45 connector × 1	-
	HDMI IN	HDMI connector × 2 (HDCP compliant) * HDMI IN1 supports MHL input.				
	HDMI OUT	HDMI connector × 1 (HDCP compliant)				
	AUDIO IN	3.5 mm (stereo) mini connector × 1 / 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				
	WIRELESS	USB type A × 1 (Wireless adapter (option))				
	REMOTE CONTROL IN	3.5mm (stereo) mini connector × 1				
	REMOTE CONTROL OUT	3.5mm (stereo) mini connector × 1				
Network	Wired	100BASE-TX / 10BASE-T				
	Wireless (Option*4)	IEEE 802.11b/g/n				
Operating temperature		0 - 40 °C* (32 - 104 °F) at altitude of 0 - 1,600 m (0 - 5,249 ft) 0 - 35 °C (32 - 95 °F) at altitude of 1.600 - 3,048 m (5,249 - 10,000 ft) * When the ambient temperature exceeds 35 °C, the brightness of the lamp is reduced automatically.				
Operating humidity		10 - 90%RH (non-condensing)				
Power requirements		AC100 - 120 V (50 Hz / 60 Hz) , 4.4 A AC220 - 240 V (50 Hz / 60 Hz) , 2.2 A				
Power consumption		AC100 - 120 V (50 Hz / 60 Hz) : 440 W AC220 - 240 V (50 Hz / 60 Hz) : 420 W				
Standby mode power consumption		Less than 0.5 W at saving mode*5				
Standard outside dimensions (W × H × D)		466 mm × 138 mm × 337 mm (18.3" × 5.4" × 13.3") (Including protruding parts), 460 mm × 138 mm × 334 mm (18.1" × 5.4" × 13.1") (Excluding protruding parts)	466 mm × 138 mm × 339 mm (18.3" × 5.4" × 13.3") (Including protruding parts), 460 mm × 138 mm × 334 mm (18.1" × 5.4" × 13.1") (Excluding protruding parts)			
Weight		Approx. 6.8 kg (15.0 lbs.)	Approx. 7.1 kg (15.7 lbs.)			
Accessories		Remote control with two AA batteries, Power cord, Computer cable, Lens cover, Adapter cover, Terminal cover (for MC-WX5505 and MC-WU5505 only), User's manual, Security label, Hook metal, Screw, Cable tie, HDMI cable holder				
Optional parts	Lamp	DT01931				
	Air filter	UX41161				
	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-11N*6				
	Remote Control	RC-R104 (with the wired remote terminal)				

*1 When PICTURE MODE is set to DYNAMIC, ACTIVE IRIS is set to OFF, ZOOM position is WIDE (max), and lens shift position is center (V/H : 0 %). *2 When PICTURE MODE is set to DYNAMIC, ACTIVE IRIS is set to PRESENTATION, ZOOM position is WIDE (max), and lens shift position is center (V/H : 0 %). *3 WUXGA (60 Hz) Reduced Blanking only. *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 POWER ON command, etc. in standby. *6 The availability of the USB wireless adapter varies depending on the country and the region.

Dimensions

MC-X5551
MC-WX5505
MC-WX5501 — 466 mm (18.3") / 337 mm (13.3") / 138 mm (5.4")

MC-WU5505
MC-WU5501 — 466 mm (18.3") / 339 mm (13.3") / 138 mm (5.4")

Projection Distance

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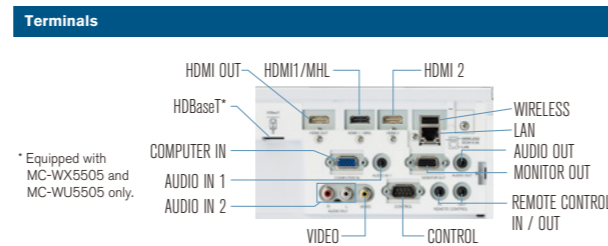
Suspended from the ceiling
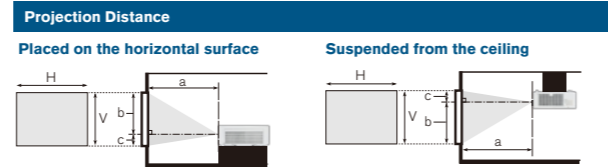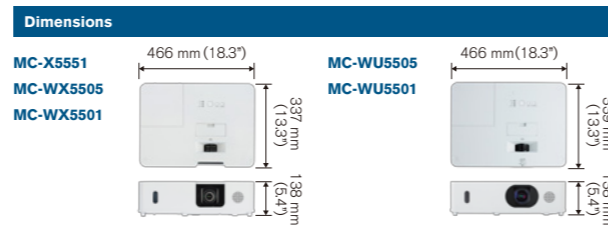
H × V : Screen size
a : Projection distance (from the projector's front panel to screen. Tolerance ±10%)
b : Screen height from lens center to top (when installed on a horizontal surface)
c : Screen height from lens center to bottom (when installed on a horizontal surface)
*The figures are not drawn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

MC-X5551 (1,024 × 768) (±8%)

Screen type	Screen size H		V		Projection distance a min.		max.		Screen height b		c	
in.	m	in.	m	in.	m	in.	m	in.	cm	in.	cm	in.
60	1.2	48	0.9	36	1.7	65	2.7	107	91	36	0	0
80	1.6	64	1.2	48	2.2	88	3.6	144	122	48	0	0
100	2.0	80	1.5	60	2.8	111	4.6	180	152	60	0	0
120	2.4	96	1.8	72	3.4	133	5.5	217	183	72	0	0
150	3.0	120	2.3	90	4.3	168	6.9	272	229	90	0	0
200	4.1	160	3.0	120	5.7	224	9.2	364	305	120	0	0
250	5.1	200	3.8	150	7.1	281	11.6	456	381	150	0	0
300	6.1	240	4.6	180	8.6	338	13.9	548	457	180	0	0

MC-WX5505 / MC-WX5501 (1,280 × 800) (±8%)

Screen type	Screen size H		V		Projection distance a min.		max.		Screen height b		c	
in.	m	in.	m	in.	m	in.	m	in.	cm	in.	cm	in.
60	1.3	51	0.8	32	1.7	69	2.9	113	81	32	0	0
80	1.7	68	1.1	42	2.4	93	3.9	152	108	42	0	0
100	2.2	85	1.3	53	3.0	117	4.8	191	135	53	0	0
120	2.6	102	1.6	64	3.6	141	5.8	230	162	64	0	0
150	3.2	127	2.0	79	4.5	177	7.3	288	202	79	0	0
200	4.3	170	2.7	106	6.0	237	9.8	385	269	106	0	0
250	5.4	212	3.4	132	7.6	298	12.3	483	337	132	0	0
300	6.5	254	4.0	159	9.1	358	14.7	580	404	159	0	0

MC-WU5505 / MC-WU5501 (1,920 × 1,200) (±8%)

Screen type	Screen size H		V		Projection distance a min.		max.		Screen height b		c	
in.	m	in.	m	in.	m	in.	m	in.	cm	in.	cm	in.
60	1.3	5.1	0.8	3.2	1.7	68	3.0	118	81	32	0	0
80	1.7	68	1.1	42	2.3	91	4.0	158	108	42	0	0
100	2.2	85	1.3	53	2.9	115	5.0	198	135	53	0	0
120	2.6	102	1.6	64	3.5	138	6.0	238	162	64	0	0
150	3.2	127	2.0	79	4.4	173	7.6	298	202	79	0	0
200	4.3	170	2.7	106	5.9	231	10.1	397	269	106	0	0
250	5.4	212	3.4	132	7.4	290	12.6	497	337	132	0	0
300	6.5	254	4.0	159	8.8	348	15.2	597	404	159	0	0

Terminals

HDMI OUT — HDMI1/MHL — HDMI 2
HDBaseT*
COMPUTER IN
AUDIO IN 1
AUDIO IN 2
VIDEO — CONTROL
WIRELESS
LAN
AUDIO OUT
MONITOR OUT
REMOTE CONTROL IN / OUT

* Equipped with MC-WX5505 and MC-WU5505 only.

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.

*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".

LCD Projector

maxell
Within the Future

Projectors suitable for large meeting rooms, lecture halls and auditoriums.

3LCD
Extron XTP CERTIFIED
AMX DEVICE DISCOVERY
CRESTRON connected

MC-X5551 / MC-WX5505 / MC-WU5505
MC-WX5501 / MC-WU5501

* Extron XTP: only for MC-WX5505 and MC-WU5505.
*Projected images are simulations

Mounting accessories are not included in the box.

*Local availability may be limited.

MC-X5551 — XGA 5,800 lm
MC-WX5505 — WXGA 5,200 lm (HDBT)
MC-WX5501 — WXGA 5,200 lm
MC-WU5505 — WUXGA 5,200 lm (HDBT)
MC-WU5501 — WUXGA 5,200 lm

HDCR (High Dynamic Contrast Range)

When average projectors are used in bright rooms, the darker colors of an image deteriorate and images become unclear. Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increasing contrast occurs. This results in clear images even in bright rooms. *Comparison photos are simulations.

Dark room — HDCR OFF
Bright room — HDCR OFF — HDCR ON

Dark parts are obscure. Dark parts are clear. (Distinct)
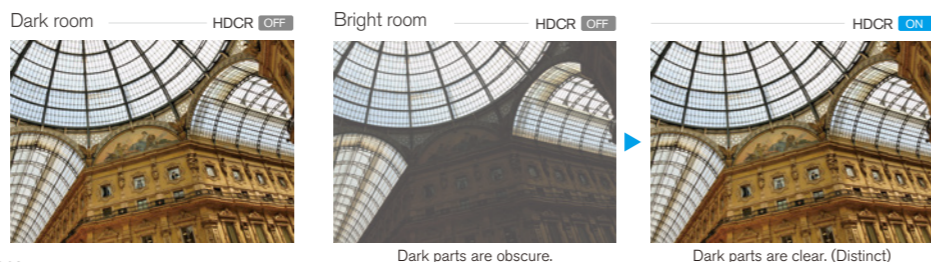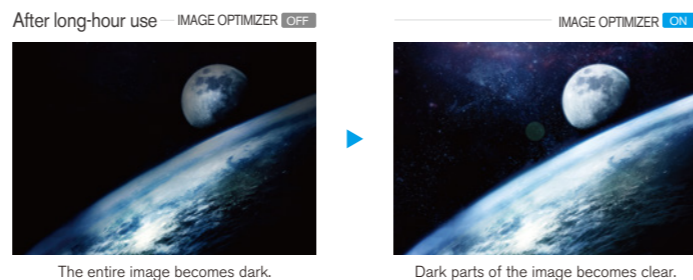

ACCENTUALIZER

ACCENTUALIZER makes pictures look more real by enhancing (1) Shade, (2) Sharpness and (3) Gloss to make pictures as clear as pictures on a flat-panel device. You can also adjust the effects by three levels according to your surroundings so that the colors of projected images are the actual colors of the objects they represent.

*Comparison photos are simulations.

ACCENTUALIZER OFF — ACCENTUALIZER ON

Original image — Increased Shade, Sharpness, and Gloss

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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.

After long-hour use — IMAGE OPTIMIZER OFF — IMAGE OPTIMIZER ON

The entire image becomes dark. — Dark parts of the image becomes clear.

Seamless Design

Equipped with HDBaseT™ input, capable of transmitting signals with no image degradation using standard LAN cables (Cat5e or higher, shielded type) of up to approx. 100m.
*For MC-WU5505 and MC-WX5505 only

DVD player — HDBaseT™ transmitter — Up to approx. 100 m
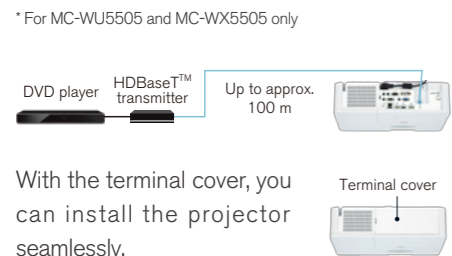
With the terminal cover, you can install the projector seamlessly.
*You may not be able to attach the terminal cover when cables and devices are connected to the connectors other than the HDBaseT™ terminal.

Terminal cover

HDMI® IN / OUT

Equipped with two HDMI® IN and one HDMI® OUT terminals. The HDMI® OUT outputs the signal from HDMI®1 or HDBaseT™ input terminal, and allows to connect the projectors* in series in order to project the same images simultaneously.

HDMI®cable
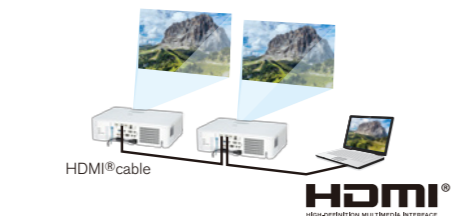
*Up to 7 projectors can be connected in series for HDMI® OUT terminal of this projector. The number of projectors that can be connected varies depending on a source device, cables, etc.

MHL® connectivity

The projectors' HDMI®1 input terminal supports the MHL® (Mobile High-Definition Link). This feature allows you to mirror the screen of your MHL®-enabled smartphone / tablet on a projected screen.

MHL® Cable
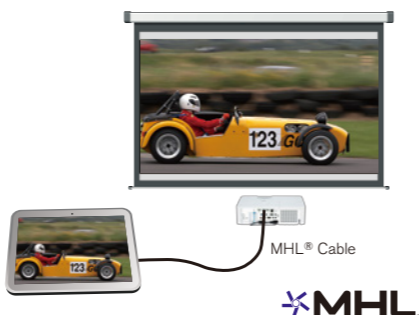
Instant Stack

Instant Stack lets you place one projector on top of another to project the same image from both onto a screen for added brightness. Overlaying the image is made easier with built-in tools including RS-232C control, Perfect Fit, Lens Shift, test pattern, and stacking alignment peg holes.

*When stacking projectors, there are various precautions and function limitations you should be aware of. Please ask your dealer for details.

Dual mode
Turns on the projectors at the same time.

### Alternate mode
Turns on the projectors alternately.

Sub — Main — RS-232S Cross-over cable

Backup function
Sub — Main — RS-232C Cross-over cable

When ALTERNATE is selected and an error occurs on one projector in operation, causing the lamp to turn off, the other projector in standby will automatically start to operate.
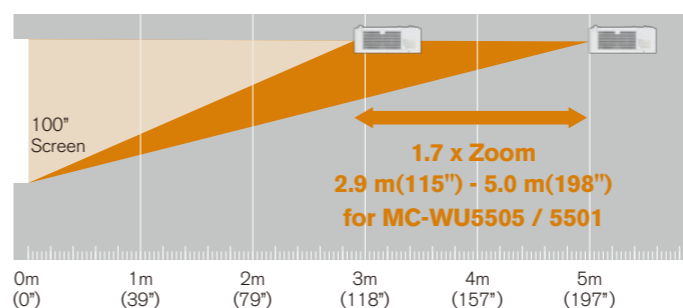

Edge Blending & Warping

The multiple projectors allow to project one image on a huge curved screen by using the geometry correction and the edge blending funtions simultaneously.

*The specialized application for warping is required.
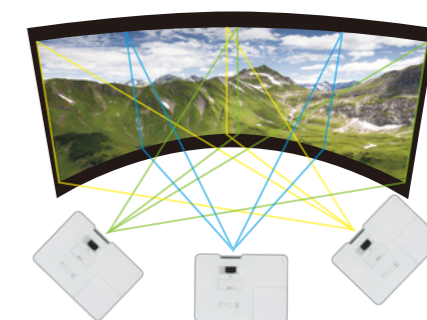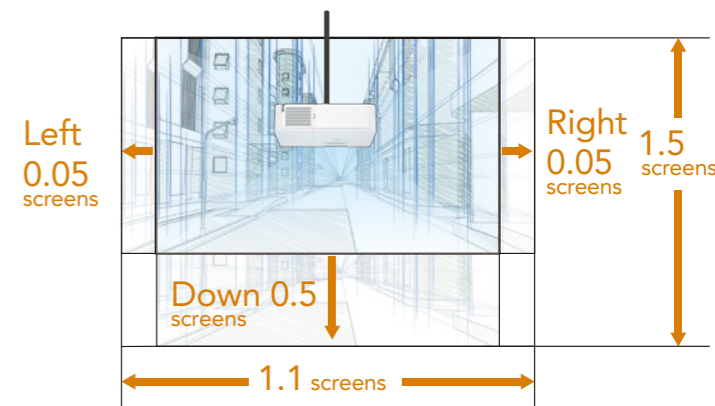

1.7 x Zoom*¹ lens , Lens shift

Featuring a powerful 1.7x manual zoom lens, the projectors allow for a greater range of installation possibilities. Manually shift the lens horizontally and vertically, to position the image on the screen without causing keystone distortion.
*1 MC-X5551 / MC-WX5505 / MC-WX5501 : 1.6x zoom

100" Screen

1.7 x Zoom
2.9 m(115") - 5.0 m(198")
for MC-WU5505 / 5501

0m (0")	1m (39")	2m (79")	3m (118")	4m (157")	5m (197")

*This figure are not drawn to scale.

Lens shift area

Left 0.05 screens
Right 0.05 screens — 1.5 screens
Down 0.5 screens
1.1 screens

*MC-WU5505 / MC-WU5501 : 0.044 screen to left or right (Total 1.088 screen)

Hybrid Filter

The projectors use a two-layer filter with an unwoven cloth and a static electrode filter. The filter can last up to 10,000 hours*² without cleaning, reducing maintenance time.

*2 This is an estimate of the acceleration test performed under the condition of 50 mg/m³ suspension dust concentration using JIS (Japanese Industrial Standards) standard powder. Cleaning intervals vary depending on the use environment.

Other functions

• Convenient network
• Wireless capability (option)
• Smart device control & monitoring
• Direct Power On/Off
• Perfect fit
• PbyP / PinP
• DICOM® simulation mode*³
• Easy Scheduling Setting
• Wired Remote & Remote ID (option)

*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