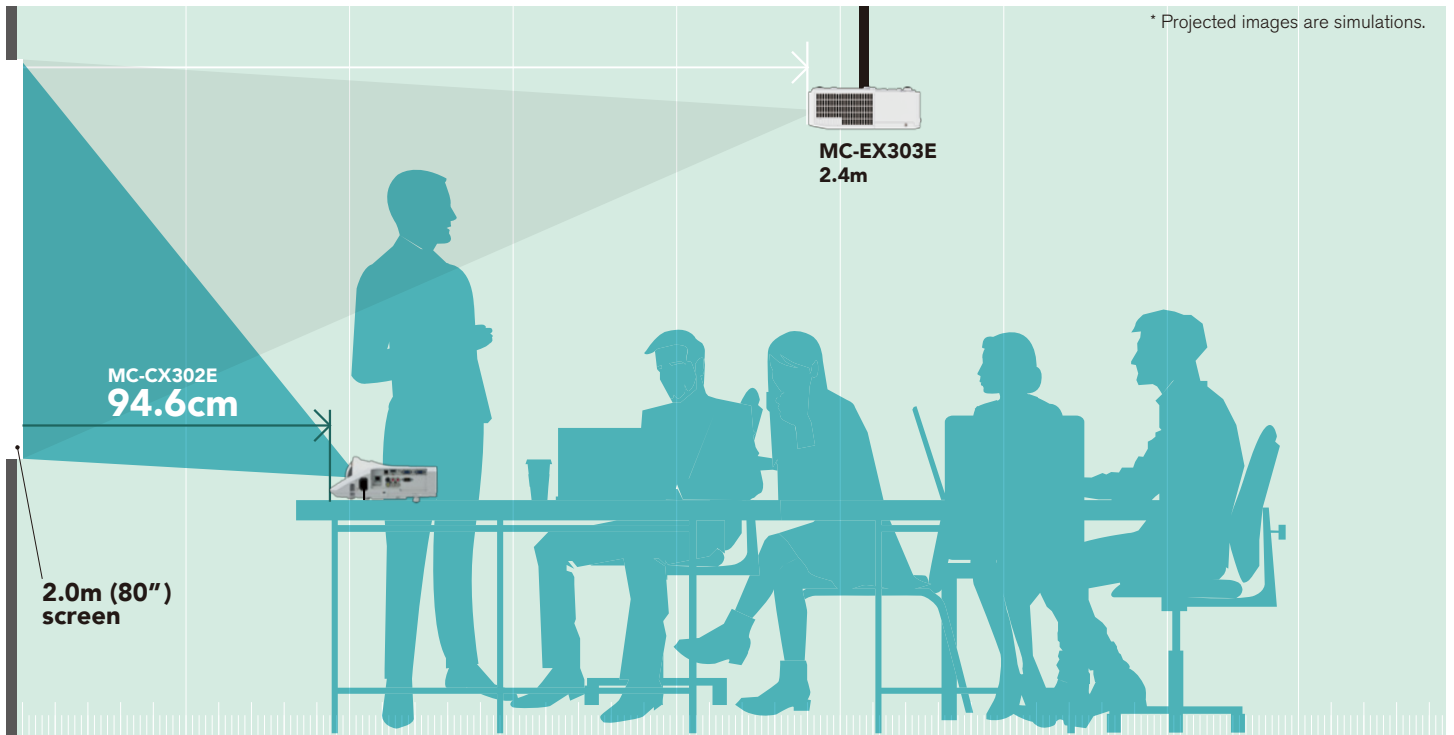


Super-Short Throw Projector

maxell
Within, the Future

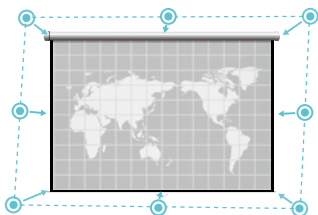


The projector achieves a projection on a 2m (80") screen at a distance of 94.6cm(37.2")

MC-CX302E XGA 3,500 lm

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.



Hybrid Filter

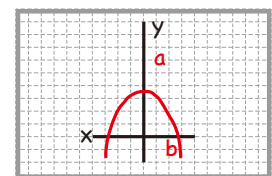
The projector use a two-layer filter with an unwoven cloth and a honeycomb filter. The filter can last up to 4,000 hours* without cleaning, reducing maintenance time.



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

Template Function

The Template Function equipped in this projector projects pre-installed templates on a whiteboard, blackboard, or other surface. Templates include a line template to make writing on a board easier, a grid template, a world map, and more.



Black lines on a white board

More Convenient Functions

Digital Zoom (Screen size 37inch-111.1inch (Projection Distance 0.56m-1.84m)), Digital Shift, Direct Power On / Off, Input Source Naming, Auto Signal Search, PIN Lock System, Security Bar / Security Slot, Keypad Lock, My Screen, 225W UHB Lamp (Lamp life : Normal mode 5,000 hours*1, Eco mode 6,000 hours*1).

*1 Varies by the installation environment and use condition.

Specifications

Model name		MC-CX302E
Display system		3LCD
Display device	Size of effective display area	0.63" x 3, aspect ratio 4 : 3
	Number of pixels	786,432 pixels (1,024 horizontal x 768 vertical)
Lens	Zoom	Digital zoom (1.38 x)
	Focus	Manual
Light source		225W UHB Lamp
Screen size		50 - 150 inch
Light output (Brightness) ^{1, 3}		White Brightness 3,500lm, Color Brightness 3,500lm
Contrast ratio (full white / full black) ^{2, 3}		20,000 : 1
Speaker		16 W x 1 mono
Keystone Correction		Vertical ± 15degrees, Horizontal ± 15 degrees
Displayable scanning frequency	Horizontal	15 ~ 106 kHz
	Vertical	50 ~ 120 Hz
Display resolution	Computer	Full HD (max) *Native resolution is XGA.
	Video	1080P (max) *Native resolution is XGA.
Terminals	COMPUTER IN 1	D-sub 15-pin mini connector x 1
	COMPUTER IN 2 / MONITOR OUT	D-sub 15-pin mini connector x 1
	VIDEO	RCA connector x 1
	S-VIDEO	Mini DIN 4 pin x 1
	HDMI IN	HDMI (HDCP compliant) x 1
	AUDIO IN	RCA connector (L, R) x 1
	AUDIO OUT	RCA connector x 1
	CONTROL (RS-232C)	D-sub 9 pin connector x 1
	LAN	RJ-45 connector x 1
	USB-A	USB type A x 2 (PC less Presentation)
USB-B	USB type B x 1 (USB display ⁴ and USB mouse control)	
Network	Wired	100BASE-TX / 10BASE-T
Operating temperature		0 - 40 °C 35 - 40 °C (The brightness of lamp is reduced automatically.)
Operating humidity		10 - 90%RH (non-condensing)
Power requirements		AC 100 - 120 V (50 / 60 Hz) , 3.5 A AC 220 - 240 V (50 / 60 Hz) , 1.7 A
Power consumption		AC 100 - 120 V : 340 W AC 220 - 240 V : 320 W
Standby mode power consumption		0.35W at saving mode ⁵
Standard outside dimensions (W x H x D)		350 mm x 134 mm x 305 mm (13.8" x 5.3" x 12.0") (Including protruding parts) 345 mm x 85 mm x 303 mm (13.6" x 3.3" x 11.9") (Excluding protruding parts)
Weight		Approx. 3.6 kg (7.5 lbs.)
Accessories		Remote control with two AA batteries, Power cord, Computer cable, Lens cover, Strap, User's manuals, Security label
Optional parts	Lamp	DT01511
	Air filter	UX37192
	Mounting accessories	HAS-AW100 (Bracket for ceiling mount), HAS-203L (Fixing adapter for low ceilings), HAS-P100 (Fixing adapter for high ceilings)

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 Measurement, measuring conditions and method of notation comply with ISO 21118, international standard.

⁴ Only for Windows® OS.

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.

Environment

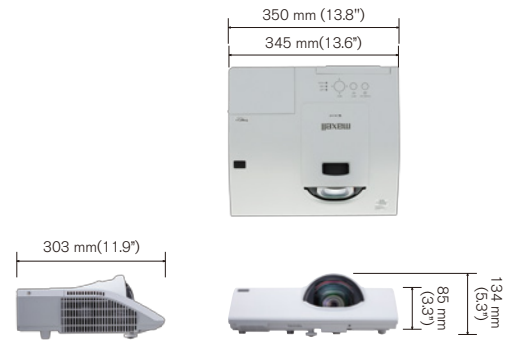
► Reduction of resin usage in production

Use of hot runners in molds for making upper housing in order to reduce mill ends.

-Design and specifications are subject to change without notice.

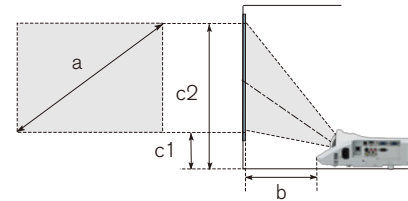
- The projected images and comparison photos in this catalog are simulations.
- LCD panels, polarizers and other optical components and cooling fans may need replacement after prolonged usage. For more details, please consult a sales representative.
- Do not use in places where there is a lot of water, 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 of the lamp. During use and immediately after use, do not touch anywhere near the lamp and the vents as these parts are extremely hot.
- Follow the directions in the user's manuals to set up the projector properly. Heed all the warnings and cautions in the manuals or on the product. Visit our website to get the latest manuals.
- 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.
- ImageCare is a trademark or a registered trademark of Signify N. V. in the United States and other countries.
- All other trademarks are the properties of their respective owners.
- Available only in Bangladesh

Dimensions

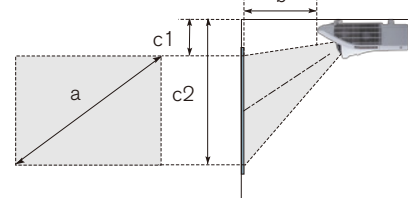


Projection Distance

Placed on the horizontal surface



Suspended from the ceiling

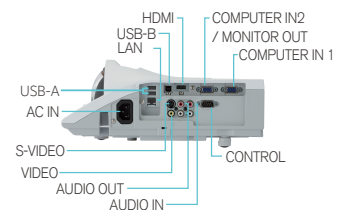


* This figures above are not drawn to scale.

(1024 x 768) (±8%)

Screen size (diagonal)	Projection distance		Screen height		Screen height		
	a	b	c1	c2	m	inch	
type(inch)	m	m	inch	m	inch	m	inch
50	1.3	0.563	22.2	0.139	5.5	0.901	35.5
60	1.5	0.691	27.2	0.155	6.1	1.069	42.1
70	1.8	0.818	32.2	0.171	6.7	1.237	48.7
80	2.0	0.946	37.2	0.186	7.3	1.405	55.3
90	2.3	1.073	42.3	0.202	7.9	1.573	61.9
100	2.5	1.201	47.3	0.217	8.6	1.741	68.6
120	3.0	1.456	57.3	0.249	9.8	2.077	81.8
150	3.8	1.838	72.4	0.295	11.6	2.581	101.6

Terminals



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