Super-Short Throw Projector

maxell
Within the Future

MC-EX303E
2.4m

MC-CX302E
94.6cm

2.0m (80") screen

3LCD | AMX DEVICE DISCOVERY | CRESTRON connected
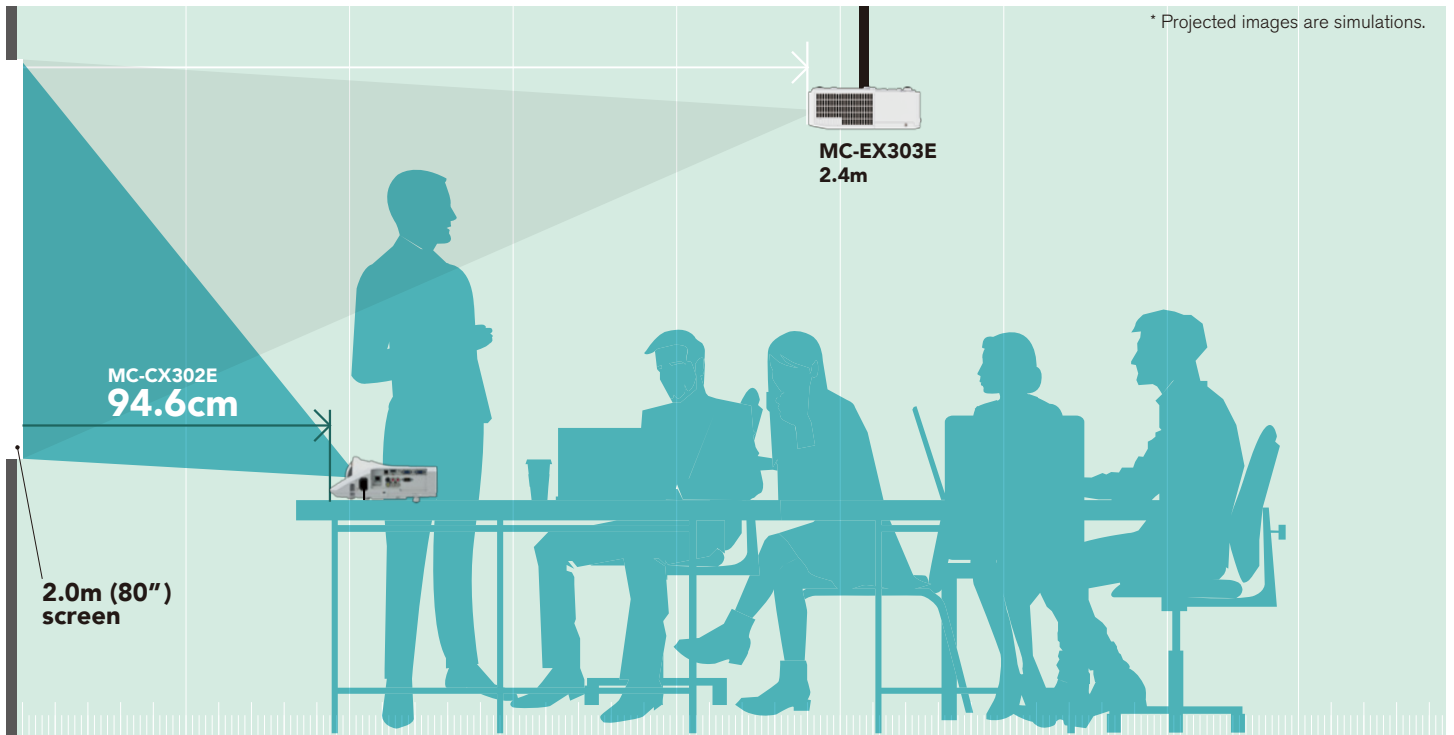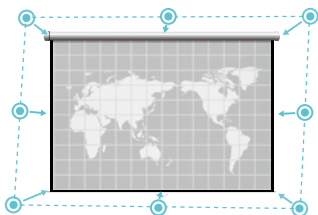
The projector achieves a projection on a 2m (80") screen at a distance of 94.6cm(37.2")

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.
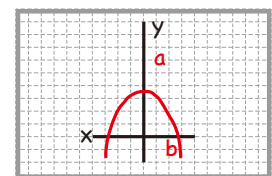
Black lines on a white boad

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" × 3, aspect ratio 4 : 3
	Number of pixels	786,432 pixels (1,024 horizontal × 768 vertical)
Lens	Zoom	Digital zoom (1.38 ×)
	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 × 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 × 1
	COMPUTER IN 2 / MONITOR OUT	D-sub 15-pin mini connector × 1
	VIDEO	RCA connector × 1
	S-VIDEO	Mini DIN 4 pin × 1
	HDMI IN	HDMI (HDCP compliant) × 1
	AUDIO IN	RCA connector (L, R) × 1
	AUDIO OUT	RCA connector x 1
	CONTROL (RS-232C)	D-sub 9 pin connector x 1
	LAN	RJ-45 connector × 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 ℃
		35 - 40 ℃ (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 × H × D)		350 mm × 134 mm × 305 mm (13.8" × 5.3" × 12.0") (Including protruding parts)
		345 mm × 85 mm × 303 mm (13.6" × 3.3" × 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.
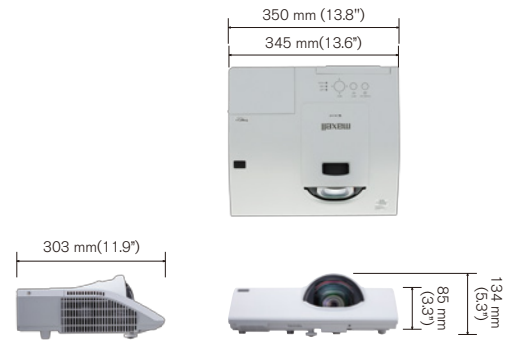
Environment

▶ **Reduction of resin usage in production**
Use of hot runners in molds for making upper housing in order to reduce mill ends.

Dimensions

350 mm (13.8")
345 mm (13.6")
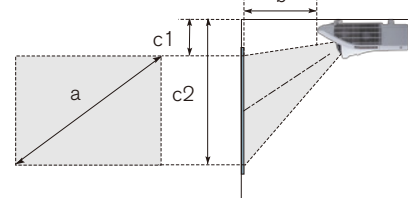303 mm (11.9")
134 mm (5.3")
85 mm (3.3")

Projection Distance

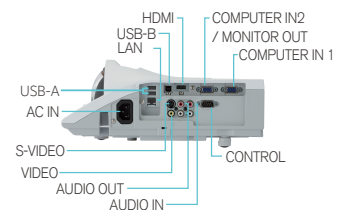**Placed on the horizontal surface**
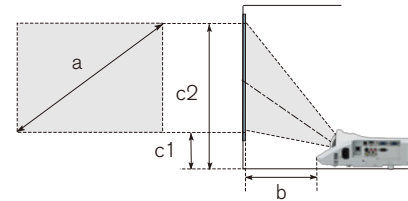
Suspended from the ceiling

* 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	
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

HDMI
USB-B
LAN
USB-A
AC IN
S-VIDEO
VIDEO
AUDIO OUT
AUDIO IN
COMPUTER IN2 / MONITOR OUT
COMPUTER IN 1
CONTROL

ImageCare

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