

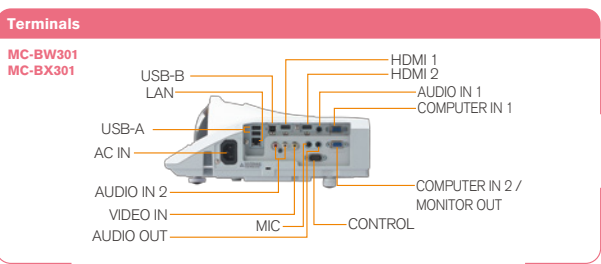
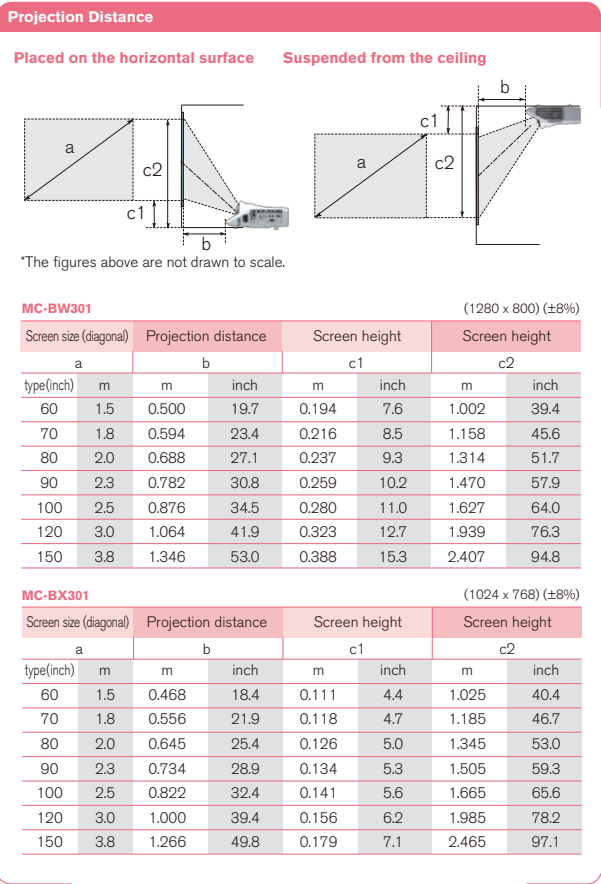
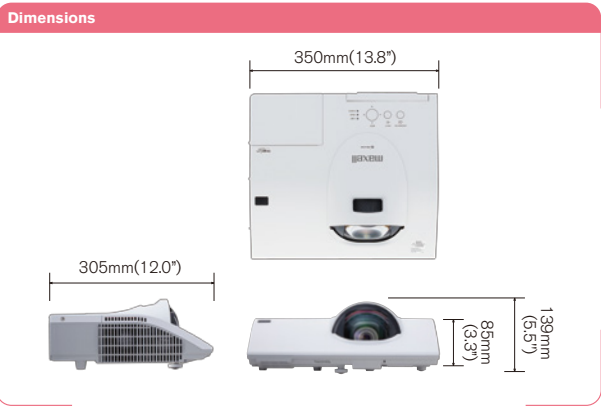
Specifications					
Model name		MC-BW301		MC-BX301	
Display system		3LCD			
Display device	Size of effective display area	0.59" × 3 aspect ratio 16 : 10		0.63" × 3 aspect ratio 4 : 3	
	Number of pixels	1,024,000 pixels (1,280 horizontal × 800 vertical)		786,432 pixels (1,024 horizontal × 768 vertical)	
Lens		Zoom	Digital zoom (1.35×)		
		Focus	Manual		
Light source		250W Lamp		225W Lamp	
Screen size		60 ~ 150 inch			
Light output (Brightness)*1		3,000 lm		3,200 lm	
Contrast ratio (full white / full black)*2		16,000 : 1			
Speaker		16 W × 1 mono			
Displayable	Horizontal	15 ~ 106 kHz			
scanning frequency	Vertical	50 ~ 120 Hz			
Display	Computer	Full HD (max.) *Native resolution is WXGA.		Full HD (max.) *Native resolution is XGA.	
resolution	Video	1080P (max.) *Native resolution is WXGA.		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		
	HDMI IN		HDMI connector × 2 (HDCP compliant)		
	AUDIO IN1		3.5mm stereo mini connector × 1		
	AUDIO IN2		RCA connector (L, R) × 1		
	AUDIO OUT		3.5mm stereo mini connector × 1		
	Microphone Input		3.5mm mono mini connector × 1		
	CONTROL (RS-232C)		D-sub 9-pin connector × 1		
	LAN		RJ-45 connector × 1		
	USB-A		USB type A × 2 (PC less Presentation or wireless adapter)		
	USB-B		USB type B × 1 (USB display and USB mouse control)		
Network	Wired		100BASE-TX / 10BASE-T		
	Wireless (Option*3)		IEEE 802.11b/g/n		
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), 3.7 A		AC 100 - 120 V (50 / 60 Hz), 3.5 A	
		AC 220 - 240 V (50 / 60 Hz), 1.8 A		AC 220 - 240 V (50 / 60 Hz), 1.7 A	
Power consumption		AC 100 - 120 V : 360 W		AC 100 - 120 V : 340 W	
		AC 220 - 240 V : 350 W		AC 220 - 240 V : 320 W	
Standby mode power consumption		Less than 0.35W at saving mode*4			
Standard outside dimensions (W × H × D)		350 mm × 139 mm × 305 mm (13.8" × 5.5" × 12.0") (Including protruding parts) 345 mm × 85 mm × 303 mm (13.6" × 3.3" × 11.9") (Excluding protrusions parts)			
Weight		Approx. 3.7 kg (8.2 lbs.)			
Accessories		Remote control with two AA batteries, Power cord, Computer cable, Lens cover, Strap, User's manual, Security label, Adapter cover			
Optional parts	USB wireless adapter		USB-WL-11N*5		
	Lamp	DT01411		DT01511	
	Air filter	UX37191			
	Mounting accessories	HAS-AW100 (Bracket for ceiling mount), HAS-P100 (Fixing adapter for high ceiling) HAS-203L (Fixing adapter for low ceiling)			

\*1 When PICTURE MODE is set to NORMAL, ACTIVE IRIS is set to OFF, and ZOOM position is WIDE (max). \*2 When PICTURE MODE is set to NORMAL, ACTIVE IRIS is set to ON, and ZOOM position is WIDE (max). \*3 Optional wireless adapter is needed. \*4 SAVING mode disables the functions of MONITOR OUT, AUDIO OUT, speaker sound, network communication, RS-232C control except POWER ON command, etc. in standby. \*5 The availability of the USB wireless adapter varies depending on the country and the region.

Environment

► Reduction of resin usage in production

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



Super-Short Throw Projector



These projectors achieve a projection on a 2m (80") screen at a distance of 64.5cm(25.4")\*.



MC-BW301  
MC-BX301

—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]) and cooling fans 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® and Crestron RoomView® are registered trademarks of Crestron Electronics, Inc. in the United States and other countries.
- 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.



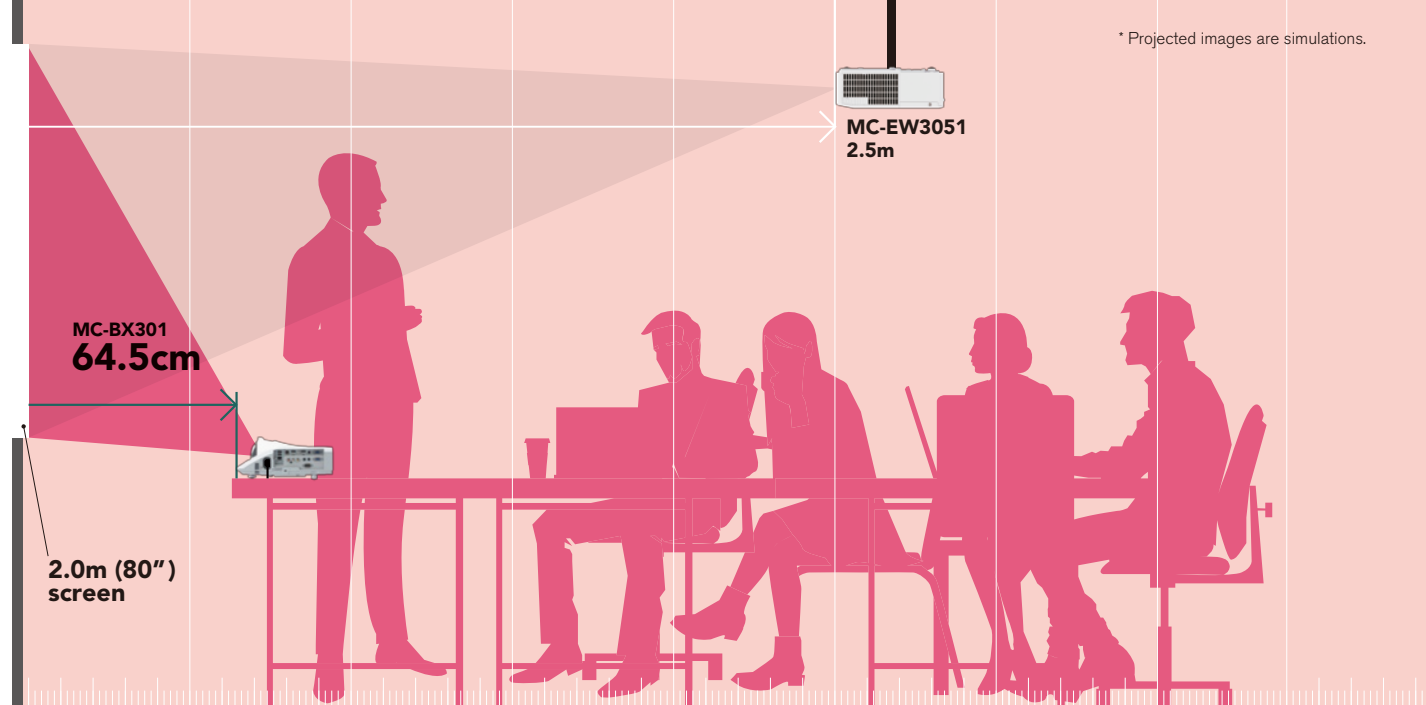
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\*Projected images are simulations



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## ACCENTUALIZER

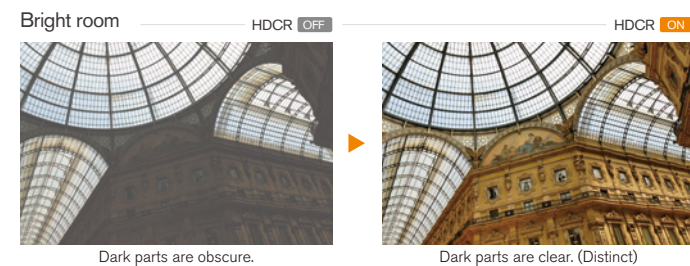
ACCENTUALIZER makes pictures look more real by enhancing (1) Shade, (2) Sharpness and (3) Gloss to make pictures as clear as pictures on a flat-panel device. You can also adjust the effects by three levels according to your surroundings so that the colors of projected images are the actual colors of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



\* Comparison photos are simulations.

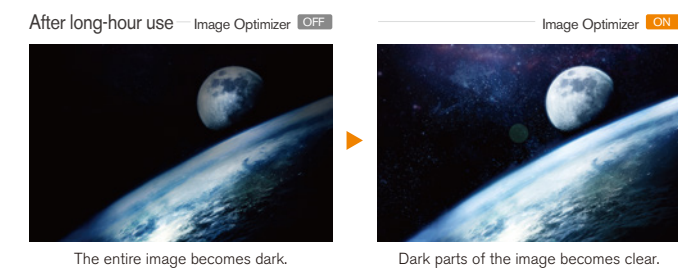
## HDCR (High Dynamic Contrast Range)

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.



## Image Optimizer

Equipped with IMAGE OPTIMIZER that maintains visibility of an image through automatic image correction in accordance with lamp condition. \* This function may not work properly when HDCR/ACCENTUALIZER is ON. \* Comparison photos are simulations.



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

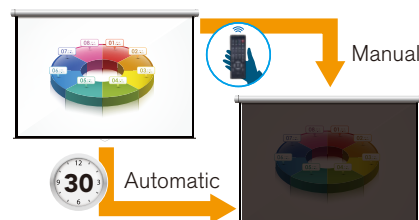
## Blackboard / Whiteboard modes

Improve image quality when you project onto a blackboard or whiteboard, ensuring visibility.

## Go Green

### Saver Mode

This feature developed by Maxell, based on ImageCare® technology, reduces the lamp brightness and consumption power, resulting in considerable energy savings. The saver mode automatically activates when the projected image does not change in the preset time (1 to 30 minutes). You can also activate the saver mode manually with the remote controller.



### Intelligent Eco Mode

This feature developed by Maxell, based on ImageCare technology, automatically changes the lamp brightness according to the input signal level. The lamp brightness is reduced when a darker image is projected, and returns to normal when a brighter image is projected, eliminating unnecessary energy consumption from the lamp.

# LINEUP



MC-BX301

XGA 3,200lm

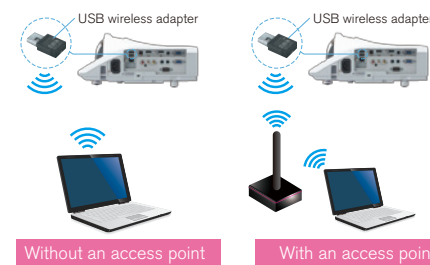
MC-BW301

WXGA 3,000lm

## Network Function / Capability

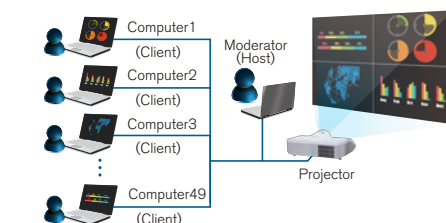
### Wireless Capability (Option)

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 the which LiveViewer software is installed.



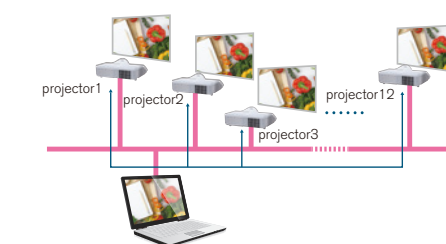
### Moderator Control Mode\*1

Setting one computer from the multiple computers (up to 50\*2) that are connected to the projector as the moderator (host) makes it possible for the moderator to project up to 4 computer's screen from all the computers (clients).



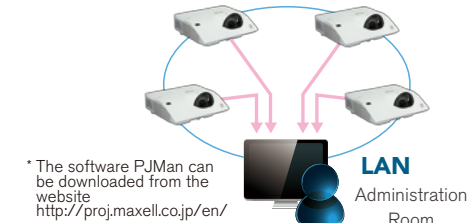
### Multi Projector\*1

You can project the same image from up to 12\*3 projectors simultaneously. This is useful for meetings and lectures in large venues where a single screen would not be sufficient.



### Projector Monitoring and Control from a Remote Location

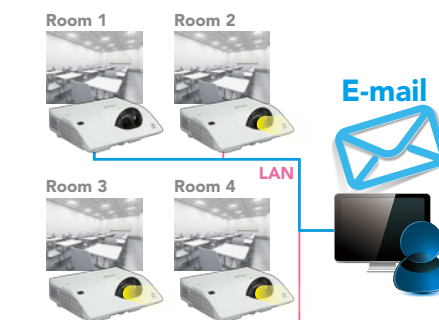
Maxell's Projector Management Software (PJMan) gives you the ability to control, diagnose and manage (monitor the status including power, lamp hours, and temperature and air filter conditions) a single or group of Maxell projectors.



\* The software PJMan can be downloaded from the website <http://proj.maxell.co.jp/en/>

### E-mail Alerts

E-mail notification is sent for routine maintenance and error conditions.

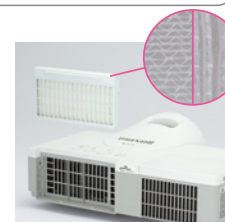


\*1 To secure better performance, a wired network is preferable. The functions are supported by LiveViewer (Windows® application) only. \*2 Image transfer speed may vary depending on the number of computers connected. \*3 Image transfer speed may vary depending on the number of projectors connected.

## Other Features

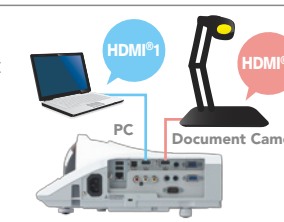
### Hybrid Filter

The Hybrid Filter requires less frequent maintenance and cleaning, making longer operation possible.



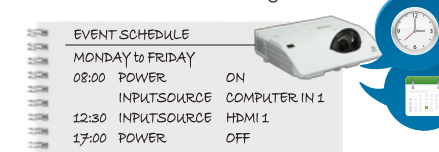
### 2 HDMI® inputs

Equipped with 2 HDMI® input terminals for the current widely-used interface.



### Easy Schedule Setting

You can schedule routine and special projector events, including power on, power off, input selection and other settings.



### Mic. Input and 16W Internal Speaker

The projectors are equipped with a microphone input, so you can use microphone system even when the projector is in standby\*. Projectors have a built-in 16-watt speaker. \* Not available when STANDBY MODE is SAVING.

### USB Display

Connecting the USB type B connector of the projector to a computer via a USB cable lets you quickly and easily display images with sounds transferred from the computer.

### More Convenient Functions

Digital Zoom, Digital Shift, Direct Power On / Off, Template, Input Source Naming, Auto Signal Search, PIN Lock System, Security Bar / Security Slot, Keypad Lock, MyScreen