

**5,000 ANSI lumens projector designed for academic achievement in larger classrooms, corporate boardrooms and campus standard.**



### Key Features

- WUXGA 1920 x 1200 resolution
- 5,000 ANSI lumens white/color output
- 16,000 : 1 contrast ratio
- Approximately 4,500 Hours (standard mode), 6,000 Hours (Eco mode)\*
- 10,000 hours hybrid filter\*\*
- HDCR2 / Accentualizer / Image Optimizer
- Convenient Networking / Wireless Capability
- Mobile High-Definition (MHL™)

As part of Maxell's Classroom and Conference Room Series, the MC-EU5001 combines WUXGA 1920 x 1200 resolution with super-bright 5,000 ANSI lumens white/color light output for a stunning visual achievement. It can transform classrooms, lecture halls, and auditoriums into true learning centers. Incorporating Maxell's leading-edge technology, the MC-EU5001 features an image-enhancing combination of Accentualizer, High Dynamic Contrast Range (HDCR2) and Image Optimizer, all of which contribute to the overall visual experience. Moderator Control Mode allows up to 50 computers to connect to the projector and the moderator can choose which images to show on screen. With the multi projector feature the same image can be projected on up to 12 projectors simultaneously. The MC-EU5001 also includes our iOS application Projector Quick Connection App which offers simple control options including sending photo and document files and web site contents to the projector. For added peace of mind, Maxell's MC-EU5001 is also backed by a generous warranty and our world-class service and support programs.

# MC-EU5001

## UNIQUE FEATURES

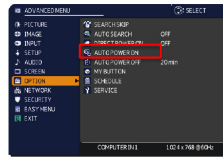
### Accentualizer

Maxell original technology makes pictures look more real by enhancing sharpness, gloss and shade 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.



### Auto Power On

When the projector is in standby mode and detects the video signal input from an external device, this function starts up the projector to display the image automatically on the screen. This makes the time to start up the projector and begin presenting quicker and easier.

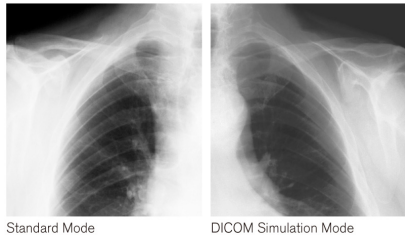


- This function is unavailable when STANDBY MODE is set to NETWORK(WOL) or SAVING.
- This function may work unintentionally by connected external device.

### DICOM® Simulation Mode

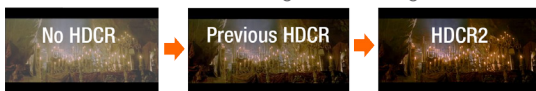
The DICOM (Digital Imaging and Communications in Medicine) Simulation Mode projects grayscale images which approximate DICOM Part 14 specifications. This mode is ideal for viewing grayscale medical images, such as X-rays, for training and educational purposes.

The projectors have a DICOM (Digital Imaging and Communications in Medicine) Simulation Mode. This mode simulates the DICOM standard, which is a standard applicable to digital communications in medicine, and is useful for displaying medical images such as X-rays. These projectors are not medical devices and are not compliant with the DICOM standard, and neither the projector nor the DICOM Simulation Mode should be used for medical diagnosis. Comparison photos are simulations.



### HDCR2 (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. The recent enhancement to HDCR2 achieves not only auto tone enhancement but also auto color enhancement. This results in clear and vivid images even in bright rooms.



## UNIQUE FEATURES (cont'd)

### Image Optimizer

The Image Optimizer automatically adjusts HDCR2 and Accentualizer to improve visibility as lamp brightness dims over time.



### MHL™

MHL (Mobile High-Definition) allows users to mirror their phone/tablet screen with the projector display. It is compatible with any and all apps.

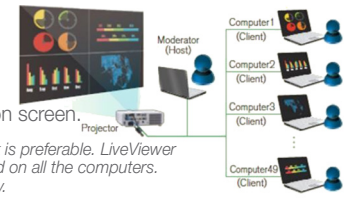


### Moderator Control Mode

Using Moderator Control Mode, up to 50 computers can be connected to the projector and the moderator (host) can choose which images to display on screen.

To secure better performance, a wired network is preferable. LiveViewer software from the bundled CD-ROM is required on all the computers. The functions are supported by LiveViewer only.

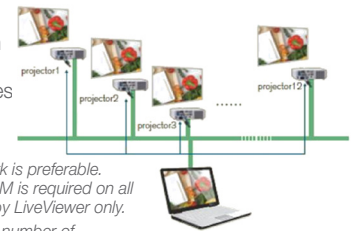
Image transfer speed may vary depending on number of projectors connected.



### Multi Projector

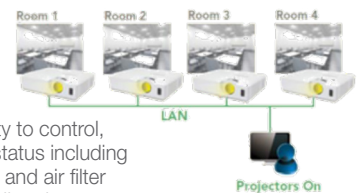
You can project the same image from up to 12 projectors simultaneously. This is useful for meetings and lectures in large venues where a single screen would not be sufficient.

To secure better performance, a wired network is preferable. LiveViewer software from the bundled CD-ROM is required on all the computers. The functions are supported by LiveViewer only. Image transfer speed may vary depending on number of projectors connected.



### Projector Monitoring and Control from a Remote Location

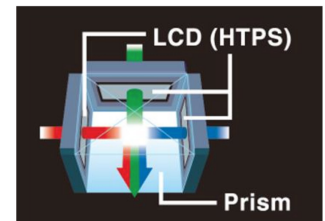
Maxell's Projector Management Software (PJMan) gives you the ability to control, diagnose and manage (monitor the status including power, lamp hours, and temperature and air filter conditions) a single or group of Maxell projectors.



### 3LCD Chips with Inorganic Alignment Layers

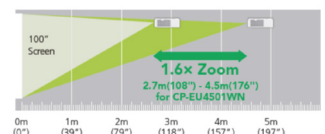
This Maxell LCD projector incorporates three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They ensure smooth images and high reliability.

(HTPS : High Temperature Poly-Silicon)



### 1.6 x Zoom Lens

Featuring a powerful 1.6x manual zoom lens, the projector allows for a greater range of installation possibilities.



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## STANDARD FEATURES

**Cloning Function:** Copy configuration settings from one projector to others of the same model via USB memory. Cloning not only saves almost all PJ settings such as gamma and keystone via USB memory, it saves countless hours in setup and installation.

**Easy Event Scheduling:** You can schedule routine and special projector events, including power on, power off, input selection and other settings.

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

**Network Control, Maintenance and Security:** Embedded networking gives you the ability to manage and control multiple projectors over your LAN. Features include scheduling of events, centralized reporting, image transfer and e-mail alerts for reactive and routine maintenance.

**PC-Less Presentation:** By using a USB memory stick or other storage device, you can use the projector without a computer. Menus are easy to see with a thumbnail display. There is also a slideshow function. This feature also supports the following file types: JPG, PNG, BMP, and GIF.

**Perfect Fit 2:** Enables the user to adjust individual corners and sides independent of one another. Perfect Fit 2 provides vertical and horizontal digital correction of either barrel or pin cushion distortions. This feature helps correct geometric and complicated distortions. Perfect Fit 2 allows the projected image to fit correctly to the screen quickly and easily.

**PIN Lock / MyScreen / MyText:** PIN lock protection can limit projector users. MyScreen PIN lock keeps captured images on the startup screen. Users can set any name logo to MyScreen, clearly identifying ownership. MyText provides the ability to write text on the startup screen such as model name, serial number or location.

**PJMessenger:** PJMessenger function allows you to send and display text messages and audio alerts on your networked projectors. It is an easy and efficient way to send announcements out to multiple units.

**Present Content via LAN:** Maxell's suite of networking software allows you to easily send content directly from your PC to the projector via your LAN connection.

**Projector Quick Connection App For Mobile Devices:** Our iOS and Android™ application offers full projector control and also provides the capability to display photos, document files and web site contents. Available for iPad®, iPhone® and Android devices. Works over your LAN via your RJ-45 port or via an optional USBWL5G wireless adapter.

**Wireless Presentation Compatible:** Connect the projector to a computer or your network using the optional USB wireless adapter (part number USBWL5G). The adapter supports IEEE802.11 a/b/g/n/ac.



Front View



Ceiling Mount



Rear View



Right Side

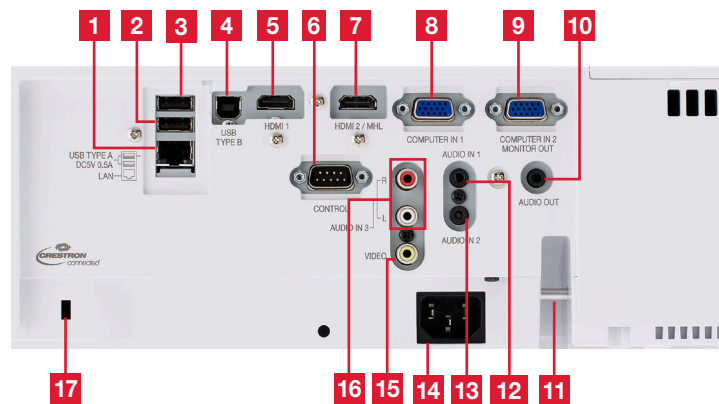


Top View



Left Side

## Input/Outputs



- |                      |                                  |                      |
|----------------------|----------------------------------|----------------------|
| 1. LAN               | 7. HDMI 2 / MHL                  | 12. Audio In 1       |
| 2. USB Type A        | 8. Computer In 1                 | 13. Audio In 2       |
| 3. USB Type A        | 9. Computer In 2/<br>Monitor Out | 14. AC Power         |
| 4. USB Type B        | 10. Audio Out                    | 15. Video            |
| 5. HDMI 1            | 11. Security Bar                 | 16. Audio In 3 (L/R) |
| 6. Control (RS-232C) |                                  | 17. Kensington Lock  |

# MC-EU5001

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## Accessories and Lenses

<b>Supplied Accessories</b>	Remote control, power cord, computer cable, AA batteries x 2, lens cover x 1, adapter cover, security label, application CD, user's manual CD, user's manual (concise), HDMI cable holder x 2, cable tie medium x 2, cable tie large x 1
<b>Optional Accessories</b>	USBWL5G wireless adapter
<b>Replacement Parts</b>	
<b>Lamp</b>	DT02061
<b>Remote Control</b>	HL03037
<b>Filter</b>	UX41161

## Projection Throw Chart (In inches)

Screen Size 16:10		Throw Distance	
Diagonal	Width	Min	Max
30	25	30	50
60	51	63	104
80	68	86	140
100	85	108	176
200	170	220	357
300	254	331	537

Throw Ratio: 1.3 - 2.1 : 1 (distance : width)

## Specifications

Display	<b>Projection Technology</b>	3LCD, 3 chip technology
	<b>Resolution</b>	WUXGA 1920 x 1200
	<b>White Light Output</b>	5,000 ANSI lumens
	<b>Color Light Output</b>	5,000 ANSI lumens
	<b>Colors</b>	1.07 billion colors
	<b>Aspect Ratio</b>	Native 4:3 and 16:9 / 16:10 / 14:9 zoom compatible
	<b>Contrast Ratio</b>	16,000 : 1 (using active IRIS)
Lens & Operation	<b>Throw Ratio</b> (distance : width)	1.3 - 2.1 : 1
	<b>Focus Distance</b>	30" - 537"
	<b>Display Size</b>	30" - 300"
	<b>Lens</b>	f = 18.2 - 29.4 mm, x 1.6 manual zoom and focus
	<b>Lamp Wattage</b>	280W
	<b>Expected Lamp Life*</b>	Approximately 4,500 hours (Standard mode) 6,000 hours (Eco mode)
	<b>Expected Filter Life**</b>	Approximately 10,000 hours
Compatibility	<b>Speaker Output</b>	16W
	<b>Keystone</b>	H and V: +/- 30°
	<b>Computer</b>	VGA, SVGA, XGA, WXGA, SXGA, WSXGA+, HD, UXGA, WUXGA, MAC 16"
	<b>H-Sync</b>	15 kHz - 106 kHz
	<b>V-Sync</b>	50 Hz - 120 Hz
	<b>Composite Video</b>	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
	<b>Component Video</b>	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Connectors	<b>HDMI</b>	480i, 480p, 576i, 576p, 720p, 1080i, 1080p Computer signal TMDS clock 25 MHz - 162 MHz
	<b>MHL</b>	480i, 480p, 576i, 576p, 720p, 1080i, 1080p Computer signal TMDS clock 25 MHz - 75 MHz
	<b>Digital Input</b>	HDMI x 1, HDMI/MHL x 1
	<b>Computer Input 1</b>	15-pin mini D-sub x 1 (shared with analog component video input)
	<b>Computer Input 2</b>	15-pin mini D-sub x 1 (shared with analog component video input and monitor out)
	<b>Computer Monitor Output</b>	15-pin mini D-sub x 1 (shared with computer in 2 and analog component video input)
	<b>Video Input</b>	
Ratings & Warranty	Composite Video	RCA jack x 1
	Component Video	15-pin mini D-sub x 2 (shared with computer in 1, in 2/monitor out)
	<b>Audio Input</b>	3.5 mm stereo mini jack x 2, RCA jack (L/R) x 1
	<b>Audio Output</b>	3.5 mm stereo mini jack x 1
	<b>Network (LAN) Wired</b>	RJ-45 port (10 base-T / 100 base-TX)
	<b>Network (LAN) Wireless</b>	USB-A, IEEE802.11 a/b/g/n/ac - optional wireless adapter required
	<b>USB</b>	Type A x 2 (PC-less presentation or wireless adapter) Type B x 1 (USB display or remote control mouse)
<b>Control Terminals</b>	9-pin D-sub x 1 (RS-232 control)	
Ratings & Warranty	<b>Power Supply</b>	AC 100-120V/220-240V, 50/60Hz
	<b>Power Consumption</b>	410W / 400W
	<b>Operating Temperature</b>	41°F - 95°F (5°C - 35°C)
	<b>Dimensions (W x D x H)</b>	16.3" x 12.4" x 4.3" (excluding protruding parts)
	<b>Weight</b>	Approximately 11.9 lbs.
	<b>Approvals</b>	UL 60950-1 / cUL FCC Part 15 subpart B class A
	<b>Warranty</b>	3-year limited parts and labor Extended Service Contract available (additional cost)

\* Actual lamp life will vary by individual lamp and based on environmental conditions, selected operating mode, user settings and usage. Hours of average lamp life specified are not guaranteed and do not constitute part of the product or lamp warranty. Lamp brightness decreases over time.

\*\* Actual filter life will vary by individual filter and based on environmental conditions, selected operating mode, user settings and usage. Hours of average filter life specified are not guaranteed and do not constitute part of the product warranty.



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