MP-AW4001 LCD Laser Projector

maxell

Key Features

- 3LCD Laser Projector
- WXGA 1280 x 800
- 4,200 ANSI Lumens Brightness
- 500,000 : 1 Contrast ratio
- 50,000 hours light source life (Long life 2 mode)
- 60" - 130" Screen Size
- HDMI 2 inputs (shared with MHL)
- Powered Focus and Perfect Fit
- High Dynamic Range (HDCR2)





Maxell expands their laser projector line with a 4,200 ANSI lumens, 3LCD model delivering larger-than-life performance.

Maxell's laser light source projector line now includes the 3LCD model MP-AW4001 with 4,200 ANSI lumens. The new laser phosphor light source offers approximately 20,000 hours (normal mode) of operation time and is virtually maintenance free, there is no lamp to replace providing a dramatic reduction in total cost of ownership. The MP-AW4001 projector is ideally suited for producing up to 130" images in limited spaces. It provides vibrant image quality with cost-effective operation. A suite of advanced features normally found only on higher end models includes 2 HDMI ports one shared with MHL, High Dynamic Contrast Range (HDCR2), and Maxell's original technology Accentualizer that allows the projected image to appear more real by enhancing sharpness, gloss and shade. Along with its light weight and compact design, the MP-AW4001 offers Maxell's most appreciated installation feature, "Perfect Fit 2", allowing time saving and ease of installation. As with all Maxell projectors, you can expect vibrant image quality, cost-efficient operation, and long-lasting reliability. For added peace of mind, Maxell's MP-AW4001 is also backed by a generous 5-year warranty and our world-class service and support programs.

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3LCD

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UNIQUE FEATURES

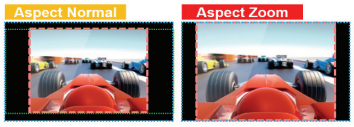
Accentualizer

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.



Aspect Zoom

Aspect Zoom makes the maximum image size on the screen while keeping the aspect of the image.



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.



Cloning Function

Copy setting data 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.

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.



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.

Projector Quick Connection App For Mobile Devices

Our iOS and Android applications offers 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.

STANDARD FEATURES

Input Source Naming

Users can name input sources in simple language instead of factory default names.

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. Additionally there is also a slideshow and video function.

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.

Template Function

Line templates in the projector menu can help when writing on a whiteboard. There are four types of line templates to choose from.

Wireless Presentation Compatible

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

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MP-AW4001 LCD Laser Projector

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Enhance the experience with Maxell's MP-AW4001.

The MP-AW4001 ultra short throw LCD Laser projector from Maxell is specifically designed to enhance the visual experience — from the audience to presenters. Vivid colors. Bold graphics. Crisp text. The MP-AW4001 does it all in environments of all sizes. With 4,200 ANSI lumens of brightness and WXGA 1280 x 800 resolution, the MP-AW4001 provides the



perfect compatible solution. It also features a high contrast ratio, long life, cloning function enabling you to copy settings data from one projector to others of the same model, and is wireless presentation ready. Plus, embedded networking gives you the ability to manage and control multiple projectors over your LAN (scheduling of events, centralized reporting, image transfer, and email alerts). Best of all, the high performance MP-AW4001 is exceptionally reliable and offers a very low cost of ownership.



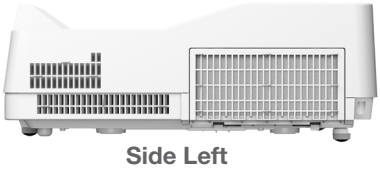
Front View



Ceiling Mount



Top View

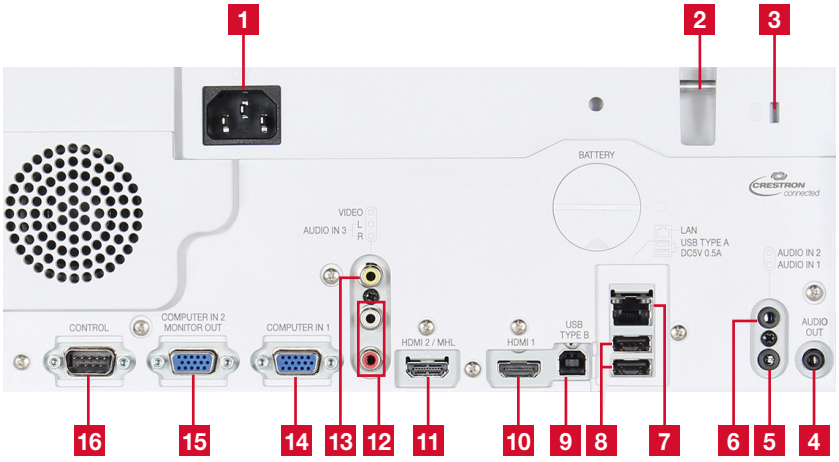


Side Left



Back

Input/Outputs



1. AC
2. Security Bar
3. Kensington Lock
4. Audio Out
5. Audio In 1
6. Audio In 2
7. LAN
8. USB Type A DC5V 0.5A
9. USB Type B
10. HDMI 1
11. HDMI 2/MHL
12. Audio In L/R
13. Video
14. Computer In 1
15. Computer In 2/ Monitior Out
16. Control (RS-232C)

MP-AW4001

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Accessories and Lenses

Supplied Accessories	Remote control, power cord, computer cable, AA batteries x 2, hook metal, adapter cover, HDMI cable holder x 2, cable tie, Ferrite core, security label, user's manual (concise)
Optional Accessories	HAS-WM06 wall mount (Supports display size 70" - 110"), USBWL5G wireless adapter
Optional Lenses	N/A

Replacement Parts

Lamp	Lamp free
Remote Control	HL03037
Filter	UX43251

Projection Throw Chart (In inches)

Screen Size 16:10		
Diagonal	**Distance from edge of projector to screen**	**Distance from center of mirror to screen**
60	3.1	16.3
70	5.9	19
80	8.6	21.8
90	11.4	24.5
100	14.1	27.3
130	22.4	35.5

Throw Ratio: (distance : width)
0.1 : 1 from edge of projector
0.3 : 1 from center of mirror

Specifications

Display	**Projection Technology**	3 LCD, 3 chip technology
	Resolution	WXGA 1280 x 800
	Brightness	4,200 ANSI lumens
	Colors	16.7 million colors
	Aspect Ratio	Native 16:10, 4:3, 16:9, 14:9 and zoom compatible
	Contrast Ratio	500,000 : 1 (Dynamic Black on)
	Throw Ratio (distance : width)	0.3 : 1 (From center of mirror to screen)
	Focus Distance	16" - 35" (From center of mirror to screen)
	Display Size	60" - 130"
Operation	**Lens**	f = 4.21 mm, Digital zoom x 1.35, powered focus
	Expected Light Source Life*	Approx. 20,000 hours (Normal), 30,000 hours (Long life 1), 50,000 hours (Long life 2)
	Expected Filter LIfe**	Approx. 20,000 hours
	Speaker Output	16W
	Keystone	H and V +/- 5°
Compatibility	**Computer**	VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/UXGA, Mac 16"
	H-Sync	15 kHz - 106 kHz
	V-Sync	50 Hz - 120 Hz
	Composite Video	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
	Component Video	480i, 480p, 576i, 576p, 1080i, 1080p
	HDMI	480i, 480p, 576i, 576p, 1080i, 1080p Computer signal TMDS clock 25 MHz - 162 MHz
Connectors	**Digital Input**	HDMI x 1, HDMI/MHL x 1 (HDCP compliant)
	Computer Input 1	15-pin mini D-sub x 1
	Computer Input 2	15-pin mini D-sub x 1
	Computer Monitor Output	15-pin mini D-sub x 1 (shared with Computer In 2)
	Video Input	
	Composite Video	RJ-45 jack x 1
	Component Video	15-pin mini D-sub x 2 (shared with analog computer in 1/2)
	Audio Input	3.5 mm stereo mini jack x 1, RCA jack (L/R) x 1
	Audio Output	3.5 mm stereo mini jack x 1
	Network LAN Wired	RJ-45 port (10 base-T / 100 base-TX)
	Network LAN Wireless	USB-A, IEEE802.11 a/b/g/n/ac - optional wireless adapter required
	USB	Type A x 2 (PC less Presentation or wireless network) Type B x 1 (Remote control mouse or PC screen diplay)
	Control Terminals	9-pin D-sub x1 (RS-232 control)
Ratings & Warranty	**Power Supply**	AC100-120V / AC220-240V, 50/60Hz
	Power Consumption	360W/350W
	Operating Temperature	32°F - 104°F (0°C-40°C)
	Dimensions (W x D x H)	19.9" x 16.7" x 5.5"
	Weight	Approximately 16.8 lbs.
	Approvals	UL 60950-1 / cUL, FCC part 15 subpart B Class B
	Warranty	5-year or 20,000 hours (whichever occurs first) limited warranty

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

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

CRESTRON CERTIFIED INTEGRATED PARTNER

AMX DEVICE DISCOVERED

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