MP-JU4001 LCD Laser Projector
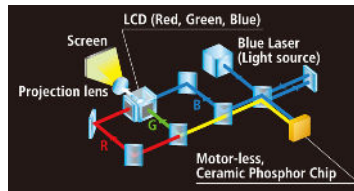
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Key Features

- 3LCD Laser Projector
- WUXGA 1920 x 1200
- 4,000 ANSI Lumens Brightness
- 2,000,000 : 1 Contrast Ratio
- 40,000 Hours Light Source Life (Long life 2 mode)
- 2 HDMI Inputs
- Quiet Operation 36dB
- Lightweight, Compact Chassis Design
- No Lamps to Replace!
- Accentualizer and HDCR
- Supports Web Control, PJLink, Crestron Connected®, and AMX

Maxell expands their laser projector line with a 4,000 ANSI lumens, 3LCD model ideally suited for class and conference room environments.

Maxell's laser light source projector line now includes the 3LCD model MP-JU4001 with 4,000 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. Ideal for classrooms to conference rooms, Maxell's new MP-JU4001 LCD Laser projector combines superior image quality, long life reliability and low noise level. A new highly effective cooling system protects the optical unit from dust intrusion and lowers the noise level to 36dB. A new phosphor chip replaces the phosphor wheel and motor resulting in fewer moving parts for higher reliability. The color performance of 3LCD produces the same brightness for all white and all color resulting in accurate color representation and outstanding image quality. For added peace of mind, Maxell's MP-JU4001 is backed by our world-class service and support programs.

3LCD

The J series models have a new phosphor technology with a ceramic phosphor chip. This decreases the amount of moving and magnetic parts for stable performance, higher reliability and a lower noise level.

Display rotation of 360º and portrait projection for creative applications and greater installation flexibility.

Hitachi 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.

Sharpness   *Gloss*   *Shade*

Copy setting data from one projector to others of the same model via the Projector Data Cloning Application. Cloning not only saves almost all PJ settings such as gamma and keystone, it saves countless hours in setup and installation.

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.

HDCR OFF   **HDCR ON**

PF 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.

Our iOS 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.
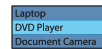
The new J Series Lineup can support specific control commands (RS-232C and LAN) of several other projector brands to make replacement easy. Supported functions: Power ON/OFF, Input Source, Volume Control, Mute (Picture/Audio/Shutter).

The timer function can be used for count up or count down, perfect for use in classrooms or conference rooms.

Supply DC 5V 2.0A power to streaming devices through USB. Supports popular streaming devices such as Amazon Fire TV 2nd and 3rd generations, Google Chromecast 3rd generation and Ultra, EZCast Pro2, Barco ClickShare C SE-200, wePresent, and QuattroPod.

Users can rename input sources in more descriptive terms instead of the factory default names.

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.

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.

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 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.

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

A label is affixed to side of projector to more easily access and read the model name, serial number and MAC address while mounted in ceiling use. This is a convenience for installers, end users and auditors for instant accessibility.

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.

MP-JU4001 LCD Laser Projector

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Long-life reliability with a lower total cost of ownership.

From classrooms to conference rooms, Maxell's MP-JU4001 can make a big impact on your audience. With 4,000 ANSI lumens brightness and WUXGA 1920 x 1200, the MP-JU4001 is designed to make any message more memorable with colorful images, crisp text, and powerfully clear audio.

Incorporating Maxell's leading edge technology, the MP-JU4001 combines superior image quality, long life reliability and low noise level. For added versatility, the MP-JU4001 supports web control, PJLink, Crestron® Connected, and AMX. Plus, for added peace of mind, Maxell's MP-JU4001 is backed by our world-class service and support programs.
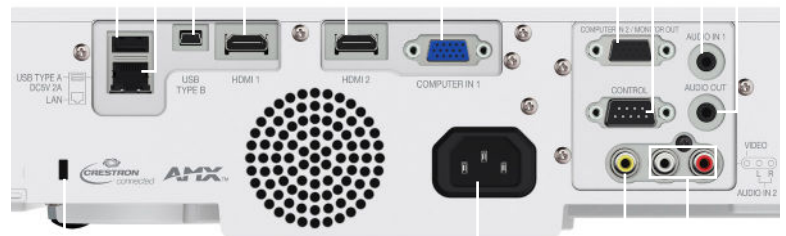
Front View

3/4 View

Back

Top View

Input/Outputs

1. USB Type A DC5V 2.0A
2. LAN
3. USB Type B
4. HDMI 1
5. HDMI 2
6. Computer in 1
7. Computer In 2/ Monitor Out
8. Control (RS-232C)
9. Audio In 1
10. Audio Out
11. Audio in 2 (L/R)
12. Video
13. AC Power
14. Kensington Lock

Maxell Corporation of America
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Supplied Accessories	Power cable, RGB cable, remote control, AA batteries x 2, user's manual (concise)	
Optional Accessories	USBWL5G wireless adapter	
Optional Lenses	NA	
Remote Control	HL03037	
Filter	UX44211	

Projection Throw Chart

Diagonal	Width	Min	Max
30	25	31	51
60	51	65	105
80	68	87	142
100	85	109	178
200	170	221	358
300	254	332	538

Throw Ratio: 1.3 - 2.1 : 1 (distance : width)
Screen size and throw distance are measured in inches.

CRESTRON connected

AMX DEVICE DISCOVERY

Category	Specification	
Display	**Projection Technology**	3LCD, 3 chip technology
	Resolution	WUXGA 1920 x 1200
	White Light Output	4,000 ANSI lumens
	Colors	1.07 billion colors
	Aspect Ratio	Native 16:10, 4:3, 16:9, 14:9 and zoom compatible
	Contrast Ratio	2,000,000 : 1
	Throw Ratio (distance : width)	1.3 - 2.1 : 1
	Focus Distance	31" - 538"
	Display Size	30" - 300"
Lens & Operation	**Lens**	x 1.6 manual zoom and focus
	Lens Offset	37%
	Expected Light Source Life*	20,000 hours (Normal and Whisper), 30,000 hours (Long life 1), 40,000 hours (Long life 2)
	Expected Filter Life**	Approximately 5,000 hours
	Speaker Output	16W
	Keystone	Auto V, Manual H/V (±30°)
Compatibility	**Computer**	VGA, SVGA, XGA, WXGA, SXGA, WSXGA+, HD, UXGA, WUXGA, MAC16"
	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, 720p, 1080i, 1080p
	HDMI	480i, 480p, 576i, 576p, 720p, 1080i, 1080p Computer signal TMDS Clock 25 MHz - 162 MHz
Connectors	**Digital Input**	HDMI x 2 (HDCP compliant)
	Computer Input 1	15-pin mini D-sub x 1 (shared with analog component video input)
	Computer Input 2	15-pin mini D-sub x 1 (shared with analog component video input and monitor out)
	Computer Monitor Output	15-pin mini D-sub x 1 (shared with computer in 2)
	Video Input	
	Composite Video	RCA jack x 1
	Component Video	15-pin mini D-sub x 2 (shared with computer in 1, in 2/monitor out)
	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 1 (PC less presentation, wireless adapter or 5V/2A power supply) Type B x 1 (USB mouse control)
	Control Terminals	9-pin D-sub x 1 (RS-232 control)
Ratings	**Power Supply**	AC100-120V / AC220-240V, 50/60Hz
	Power Consumption	280W / 270W
	Operating Temperature	32°F - 104°F (0°C - 40°C) Normal mode (95°F - 104°F / 35°C - 40°C brightness is reduced automatically)
	Dimensions (W x D x H)	13.0" x 10.6" x 2.7" (excluding protrusions)
	Weight	Approximately 7.9 lbs.
	Approvals	UL 60950-1 / cUL FCC Part 15 subpart B class B

* 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.

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3LCD   HDMI