MP-JW4001 LCD Laser Projector

PRELIMINARY

maxell

Key Features

- 3LCD Laser Projector
- WXGA 1280 x 800
- 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 35dB
- Lightweight, Compact Chassis Design
- No Lamps to Replace!
- 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-JW4001 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, the MP-JW4001 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 35dB. 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-JW4001 is backed by our world-class service and support programs.

1.800.377.5887
www.maxellproav.com

3LCD

YouTube

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UNIQUE FEATURES

360º Rotation/Portrait Projection

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



Cloning Function

Copy configuration settings from one projector to others of the same model via USB memory. Cloning can save almost all PJ settings such as gamma and keystone via USB memory.

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 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.

Replacement (Vendor Command)

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).

STANDARD FEATURES

Input Source Naming

Users can rename input sources in more descriptive terms instead of the 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. There is also a slideshow function. This feature also supports the following file types: JPG, PNG, BMP, and GIF.

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.

Serial Number and Media Access Control Label

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.

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.

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

From classrooms to conference rooms, Maxell's MP-JW4001 can make a big impact on your audience. With 4,000 ANSI lumens brightness and WXGA 1280 x 800 resolution, the MP-JW4001 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-JW4001 combines superior image quality, long life reliability and low noise level. For added versatility, the MP-JW4001 supports web control, PJLink, Crestron® Connected, and AMX. Plus, for added peace of mind, Maxell's MP-JW4001 is backed by our world-class service and support programs.



Front View



3/4 View

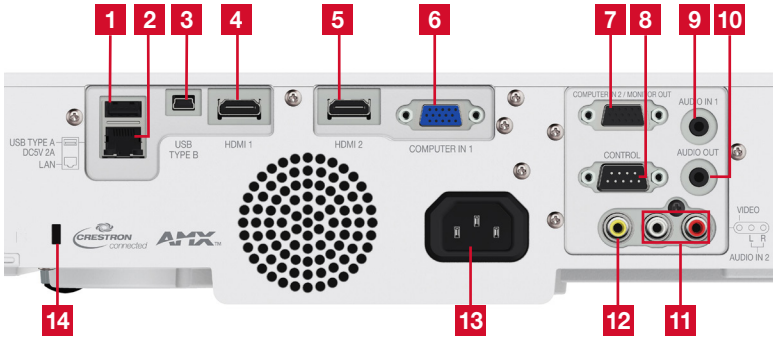


Top View



Back

Input/Outputs



1. USB Type A DC5V 0.5A
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

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Accessories and Lenses

Supplied Accessories	Power cable, RGB cable, remote control, AA batteries x 2, user's manual (concise)
Optional Accessories	USBWL5G wireless adapter
Optional Lenses	NA

Replacement Parts

Lamp	Lamp free
Remote Control	HL03037
Filter	SPEC TBA

Projection Throw Chart

Screen Size 16:10		Throw Distance	
Diagonal	**Width**	**Min**	**Max**
30	25	36	43
60	51	74	89
80	68	99	119
100	85	124	150
200	170	251	302
300	254	378	455

Throw Ratio: 1.5 - 1.8 : 1 (distance : width)
Screen size and throw distance are measured in inches.

Specifications

Display	**Projection Technology**	3LCD, 3 chip technology
	Resolution	WXGA - 1280 x 800
	White Light Output	4,000 ANSI lumens
	Colors	10.7 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)	1.5 - 1.8 : 1
	Focus Distance	36" - 455"
	Display Size	30" - 300"
Lens & Operation	**Lens**	x 1.2 manual zoom and focus
	Lens Offset	43%
	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	SPEC TBA Auto V / Manual H
Compatibility	**Computer**	SPEC TBA
	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	SPEC TBA
	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.

CRESTRON connected

AMX DISCOVER

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HDMI

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