MC-WU8701W LCD Projector

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Convenient and easy to use installation projector with advanced technology and 7,000 ANSI lumens brightness in a low profile design.



Key Features

- WUXGA 1920 x 1200 resolution
- 7,000 ANSI lumens white/color output
- 10,000 : 1 contrast ratio
- 2,000 hours lamp life (Standard mode) and 4,000 hours lamp life (Eco mode)*
- 20,000 hours hybrid filter**
- Edge Blending & Warping
- Seamless design
- Color Management
- HDCR / Accentualizer / Image Optimizer
- Portrait mode
- Five digital inputs: HDBaseT, HDMI x 2, display port, 3G SDI
- Wide range of lens options (This model ships without a lens)
- Supports Web Control, PJLink, Crestron Connected®, AMX, and Extron XTP

Maxell's installation-friendly MC-WU8701W LCD projector is designed to provide maximum presentation impact in mid to large venue applications. It offers a versatile array of innovative, performance-enhancing features along with advanced video display technology providing bold, brilliant colors with incredible image clarity and uniformity. The MC-WU8701W incorporates original Maxell technology Accentualizer, HDCR, Image Optimizer and Color Management to deliver outstanding picture quality and visibility. Plus, with motorized zoom, focus and superior lens shift, a variety of lens options, 360° display rotation and status monitor, the MC-WU8701W is at the top of its class when it comes to installation flexibility. All this, and with a lower cost of ownership. For added peace of mind, Maxell's MC-WU8701W is also backed by a generous warranty and our world-class service and support programs.

MC-WU8701W

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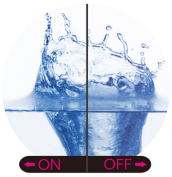
UNIQUE FEATURES

Accentualizer

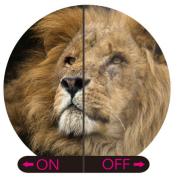
Maxell original technology makes pictures look more real by enhancing sharpness, gloss and shade to make pictures as clear as pictures on a flat-panel device. You can also adjust the effects by three levels according to your surroundings so that the colors of projected images are the actual colors of the objects they represent.



Sharpness



Gloss



Shade

Color Management

Allows you to change the HUE, SATURATION, LUMINANCE of each 6 colors (red, green, blue, cyan, magenta and yellow) without influencing each other. With this new technology, for example, you can change only bluish colors, such as the sky, while maintaining the other colors by adjusting the HUE of blue.

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

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





Motorized Zoom, Focus and Lens Shift Control

Allows for greater range of installation possibilities. With the motorized function you can make fine adjustments through the remote control or RS232/IP device.

Perfect Fit

Enables the user to adjust individual corners independent of one another. This feature helps correct geometric and complicated distortions. Perfect Fit allows the projected image to fit correctly to the screen quickly and easily.

Picture By Picture

Enables the content from two input sources to be displayed simultaneously, side by side on one screen. You can use two sources including 2 HDMI, with both images sharing equal screen size. The feature is ideal for teleconferencing applications.

Picture In Picture

Enables you to display one image inside another image using two sources including 2 HDMI.

360° Rotation

Display rotation of 360° for creative applications and greater installation flexibility.
The side planes of the projector should be kept vertical.

Status Monitor

With Maxell's status monitor, you'll have access in real time to projector diagnostics. Status updates include configuration information, maintenance history, as well as error and alarm messaging.

STANDARD FEATURES

MyButton

Four customizable buttons on the remote control allow users to create a shortcut for projector functions such as Information, Auto Keystone, Picture Mode etc.

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.

Picture Shift

Enables the user to fit or align contents to the screen by shifting the content area vertically.

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.

Transition Detector and Security Bar

A security sensor located inside the projector recognizes when the projector has been moved. Moving the projector without using the correct PIN code will disable the projector.

Wireless Presentation Compatible

Connect the projector to a computer or your network using the optional USB wireless adapter (part number USBWL11N). The adapter supports IEEE802.11b/g and 11n.

* Actual lamp life will vary by individual lamp 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 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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Quality, reliability and installation convenience.

From mid-size to very large auditoriums and conference halls, Maxell's MC-WU8701W LCD projector is the perfect solution. With 7,000 ANSI lumens brightness and WUXGA 1920 x 1200 resolution, the MC-WU8701W will deliver dynamic images guaranteed to dazzle any audience. Incorporating Maxell's leading-edge technology, the MC-WU8701W features high contrast ratio, long lamp life, picture by picture so you can project two images on one screen at the same time, a variety of lens



options to accommodate your specific application, 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 e-mail alerts). The MC-WU8701W comes equipped with a status monitor so you'll have access in real time to projector diagnostics. Even with the array of advanced features, Maxell's MC-WU8701W is designed for user-friendly operation and installation convenience.



Front View



Ceiling Mounted



Top View

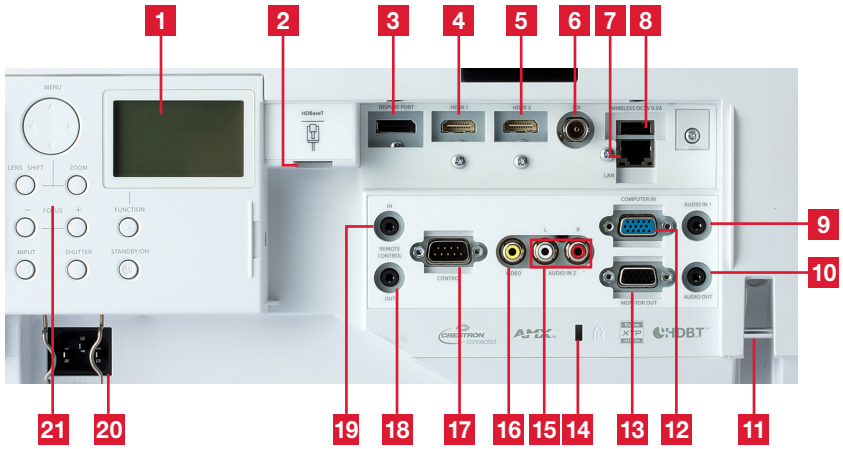


Side Profile



Seamless Design

Input/Outputs



1. Status Monitor
2. HDBaseT
3. Display Port
4. HDMI 1
5. HDMI 2
6. SDI
7. LAN
8. USB Type A (For Wireless)
9. Audio In 1
10. Audio Out
11. Security Bar
12. Computer In
13. Monitor Out
14. Kensington Lock
15. Audio In 2 (L/R)
16. Composite Video
17. Control (RS-232C)
18. Remote Control Out
19. Remote Control In
20. AC Inlet
21. Motorized zoom, focus and lens shift control

MC-WU8701W

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Accessories and Lenses

Supplied Accessories	Remote control, power cord, computer cable, AA batteries x 2, adapter cover, terminal cover, manual CD, user's manual, application CD, security label, HDMI bracket x 2, binder x 2
Optional Accessories	Wireless adapter (USBWL11N)
Optional Lenses	7 optional lenses are available, FL710M, USL701, FL701, SL712, ML713, LL704, UL705 (This model ships without a lens)

Replacement Parts

Lamp	DT01881M
Remote Control	HL02805
Filter	UX40821

Projection Throw Chart

Screen Size 16:10		Throw Distance	
Diagonal	**Width**	**Min**	**Max**
30	25	45	75
80	68	117	198
100	85	146	248
150	127	219	371
200	170	291	494
250	212	363	617
300	254	435	740
600	509	869	1478

Throw Ratio: 1.7 - 2.9 : 1 (distance : width)
Screen size and throw distance are measured in inches with standard lens ML713.

Projection Lens Chart

Lens	Inches	Meters
FL710M	4.27	0.11
USL701	67 - 87	1.71 - 2.21
FL701	69	1.76
SL712	100 - 151	2.54 - 3.83
ML713	146 - 248	3.71 - 6.29
LL704	240 - 407	6.09 - 10.34
UL705	407 - 691	10.34 - 17.56

Projection distances measured in inches and meters with standard lens and optional lenses when projecting onto a 100" diagonal screen.

Specifications

Display	**Projection Technology**	3LCD, 3 chip technology
	Resolution	WUXGA - 1920 x 1200
	White Light Output	7,000 ANSI lumens
	Color Light Output	7,000 ANSI lumens
	Colors	16.7 million colors
	Aspect Ratio	Native 16:10 and 4:3 / 16:9 compatible
	Contrast Ratio	10,000 : 1 (using active IRIS)
	Throw Ratio (distance : width)	Specifications will vary depending on which lens is used with the projector
	Focus Distance	43.3" - 1480.3"
	Display Size	30" - 600"
Lens & Operation	**Lens**	Specifications will vary depending on which lens is used with the projector (This model ships without a lens)
	Lamp Wattage	430W
	Expected Lamp Life*	Approximately 2,000 hours (standard mode), 4,000 hours (Eco mode), 1,000 hours (portrait mode)
	Expected Filter Life**	Approximately 20,000 hours
	Speaker Output	16W (8W x 2 stereo)
	Keystone	H and V: +/- 5° (with standard lens)
Compatibility	**Computer**	VGA, SVGA, XGA, WXGA, WXGA+/SXGA/SXGA+/WSXGA+/ UXGA/WUXGA, 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, 720p, 1080i, 1080p
	HDMI	480i, 480p, 576i, 720p, 1080i, 1080p, Computer signal TMDS clock 27 MHz - 150 MHz
Connectors	**Digital Input**	HDMI x 2, HDBaseT x 1, Display Port x 1, SDI x 1
	Computer Input	15-pin mini D-sub x 1
	Computer Monitor Output	15-pin mini D-sub x 1
	Video Input	
	S-Video	N/A
	Composite Video	RCA jack x 1
	Component Video	15-pin mini D-sub (shared with computer input)
	Audio Input	3.5 mm stereo mini jack x 1, RCA x 1
	Audio Output	3.5 mm stereo mini jack x 1
	Network LAN Wired	RJ-45 jack x 1
	Network LAN Wireless	USB-A, IEEE802.11 b/g/n - optional wireless adapter required
	HDBaseT	RJ-45 jack x 1
	USB	Type A x 1 (wireless network)
	Wired Remote Control	3.5 mm stereo mini jack (IN/OUT)
	Control Terminals	9-pin D-sub x 1 (RS-232 control)
Ratings & Warranty	**Power Supply**	AC90-132V / AC198-264V, 50/60Hz
	Power Consumption	580W / 560W
	Operating Temperature	32°F - 113°F (0°C - 45°C)
	Dimensions (W x D x H)	19.6" x 16.8" x 6.1" (without lens)
	Weight	Approximately 24.5 lbs
	Approvals	UL 60950-1 / cUL FCC Part 15 subpart B class A
	Warranty	3-year limited parts and labor Extended Service Contract available (additional cost)

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