MP-WU5603 LCD Laser Projector

maxell

Key Features

- 3LCD Laser Projector
- WUXGA 1920 x 1200
- 6,000 ANSI Lumens Brightness
- 1,500,000 : 1 Contrast Ratio
- 50,000 Hours Light Source Life (Long life 2 mode)
- HDBaseT x 1, HDMI x 2 Inputs
- Lens Shift and Perfect Fit 2
- High Dynamic Contrast Range (HDCR2)
- 360° Installation
- Quiet Operation 36 dB (Normal), 27 dB (Whisper) Noise Level
- Supports Web Control, PJLink, Crestron Connected®, AMX, and Extron XTP





Maxell expands solid state projector line with a 6,000 ANSI lumens, 3-chip LCD model delivering larger-than-life performance.

Maxell's solid state light source projector line now includes the laser light source 3LCD model MP-WU5603 with 6,000 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 digital signage applications, as well as a perfect choice for auditoriums, lecture halls, large classrooms, conference rooms and museums. Plus, 6,000 ANSI lumens brightness and 1,500,000 : 1 contrast ratio results in super bright display with outstanding image clarity and uniformity. Additionally a suite of advanced features includes High Dynamic Contrast Range (HDCR2), 2 HDMI ports, and Maxell's original technology Accentualizer. As with all Maxell projectors, you can expect vibrant image quality, cost-efficient operation, and long-lasting reliability. For added piece of mind, Maxell's MP-WU5603 is also backed by a generous 5-year warranty and our world-class service and support programs.

1.800.377.5887
www.maxellproav.com

3LCD

YouTube

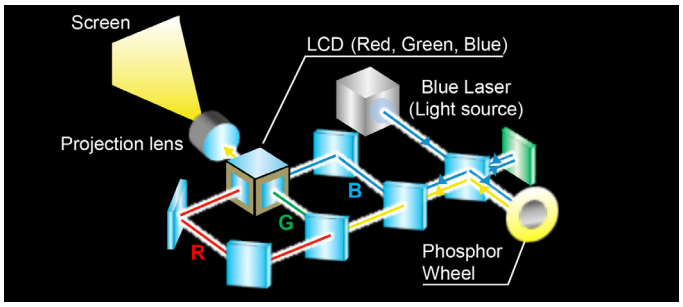
MP-WU5603 LCD Laser Projector

maxell

Long Life 20,000 Hours Laser Light Source

Light source combines blue laser diodes and phosphor which can achieve over 6,000 lumens. The projection image is bright and clear, with vivid colors. Since lamp replacement is unnecessary, maintenance cost is reduced and by not using mercury lamps, the projectors are eco-friendly.

Plus, Maxell's unique cooling system can achieve a low noise level of 27dB in whisper mode. The life of the light source is approximately 20,000 hours at normal mode but by using other modes which reduce the brightness or operation period, its life can be extended up to 50,000 hours. These mode settings can be used for different purposes depending on the application of the projector.



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.



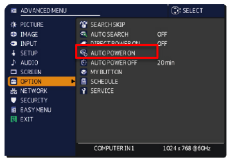
Aspect Zoom

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



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.

Cloning Function

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.

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.



High Performance Lens

Featuring performance lens with a powerful 1.7 x zoom features Extra Low Dispersion with over 2.0 refractive index, which reduces distortion and resolution drop caused by Chroma aberration.

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

Laptop
DVD Player
Document Camera

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

Lens Shift

Lens shift can adjust the position of image on the screen by turning the adjusters manually. This adjustment is useful to fit the image to the position without causing keystone distortion.



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 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.

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.

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.

360° Rotation/Portrait Projection

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

HI0631-Rev.3-11/19
All specifications subject to change without notice.
©2019 Maxell Corporation of America. All Rights Reserved.

Maxell Corporation of America
Toll Free: 1.800.377.5887
Web: www.maxellproav.com

MP-WU5603 LCD Laser Projector

maxell

Enhance the experience with Maxell's MP-WU5603.

The MP-WU5603 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-WU5603 does it all in environments of all sizes. With 6,000 ANSI lumens of brightness and WUXGA 1920 x 1200 resolution, the MP-WU5603 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-WU5603 is exceptionally reliable and offers a very low cost of ownership.



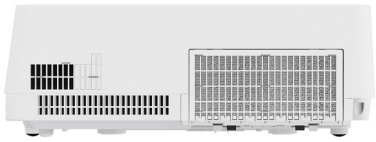
Front View



Ceiling Mount



Top View



Side Left

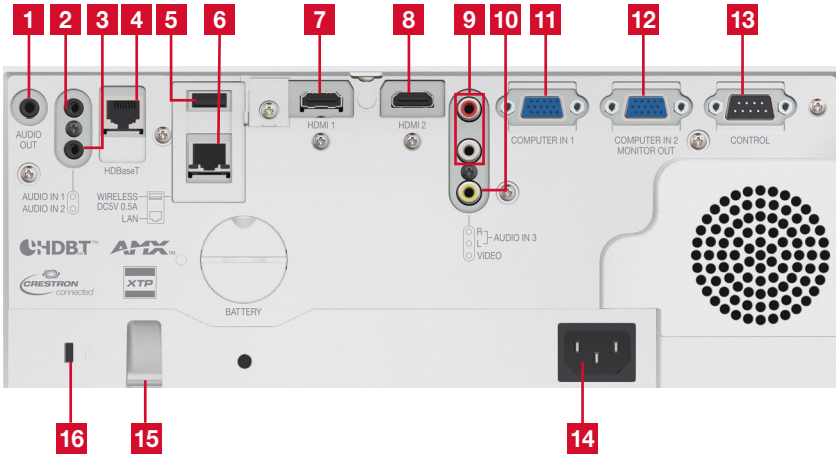


Rear View



Side Right

Input/Outputs



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

MP-WU5603

HI0631-Rev.3-11/19
All specifications subject to change without notice.
©2019 Maxell Corporation of America. All Rights Reserved.

Maxell Corporation of America
Toll Free: 1.800.377.5887
Web: www.maxellproav.com

MP-WU5603 LCD Laser Projector

maxell

Accessories and Lenses

Supplied Accessories	Remote control, 1.8m (L-type) power cable , computer cable, AA batteries x 2, user's manual (concise)
Optional Accessories	USBWL5G wireless adapter
Optional Lenses	N/A

Replacement Parts

Lamp	Lamp free
Remote Control	HL03037
Filter	UX43581

Projection Throw Chart (In inches)

Screen Size 16:10			
Diagonal	**Width**	**Minimum**	**Maximum**
30	25	31	57
60	51	67	119
80	68	92	161
100	85	116	202
200	170	238	411
300	254	359	619

Throw Ratio: (distance : width)
1.4 - 2.4 : 1

Specifications

Display	**Projection Technology**	3 LCD, 3 chip technology
	Resolution	WUXGA 1920 x 1200
	Brightness	6,000 ANSI lumens
	Colors	1.07 billion colors
	Aspect Ratio	Native 16:10, 4:3, 16:9, 14:9 and zoom compatible
	Contrast Ratio	1,500,000 : 1 (Dynamic Black on)
	Throw Ratio (distance : width)	1.4 - 2.4 : 1
	Focus Distance	31" - 619"
	Display Size	30" - 300"
Operation	**Lens**	f = 19.8 - 33.9 mm, x 1.7 manual zoom, focus and lens shift
	Lens Shift	Manual (V: 0 ~ 56.5%, H: +/- 4.6%)
	Expected Light Source Life*	Approx. 20,000 hours (Normal and whisper modes), 30,000 hours (Long life 1 mode), 50,000 hours (Long life 2 mode)
	Expected Filter LIfe**	Approx. 20,000 hours
	Speaker Output	16W
	Keystone	H and V +/- 30°
Compatibility	**Computer**	VGA/SVGA/XGA/WXGA/SXGA/WXGA/WXGA+/WXGA++/ WSXGA+/HD/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, 720p, 1080i, 1080p
	HDMI	480i, 480p, 576i, 576p, 720p, 1080i, 1080p Computer signal TMDS clock 25 MHz - 162 MHz 4K (3840 x 2160p@24/25/30, 4096 x 2160p@24)* *HDMI1 and HDBaseT only
Connectors	**Digital Input**	HDBaseT x 1, HDMI x 2 (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	RCA jack x 1
	Component Video	15-pin mini D-sub x 2 (shared with computer in 1/2)
	Audio Input	3.5 mm stereo mini jack x 2, 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
	HDBaseT	RJ-45 port x 1
	USB	Type A x 1 (Wireless adapter), Type B x 1 (Service)
	Control Terminals	9-pin D-sub x 1 (RS-232 control)
Ratings & Warranty	**Power Supply**	AC100-120V / AC220-240V, 50/60Hz
	Power Consumption	420W/400W
	Operating Temperature	32° - 104° (0°C - 40°C) under 5,250 ft. 32° - 95° (0°C - 35°C) 5,250 ft. - 10,000 ft.
	Dimensions (W x D x H)	19.9" x 16.7" x 5.3" (excluding protrusions)
	Weight	Approximately 18.7 lbs.
	Approvals	UL 60950-1 / cUL, FCC part 15 subpart B Class A
	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.

Extron XTP CERTIFIED · CRESTRON connected · AMX DEVICE DISCOVERY

3LCD · HDBT · HDMI · OneVision · 5 YEAR WARRANTY

HI0631-Rev.3-11/19
All specifications subject to change without notice.
3LCD and the 3LCD logo are registered trademarks of the Seiko Epson Corporation. Crestron®, Crestron®, Crestron e-Control®, e-Control®, Crestron Connected®, Fusion RV®, Crestron RoomView® and RoomView™ are trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and other countries. HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. HDBaseT™ and the HDBaseT Alliance logo are trademarks of the HDBaseT Alliance. All other brand or product names are trademarks or registered trademarks of their respective holders.
©2019 Maxell Corporation of America. All Rights Reserved.

Maxell Corporation of America
Toll Free: 1.800.377.5887
Web: www.maxellproav.com

YouTube