

The background of the entire page is a dark, gradient background filled with numerous overlapping circles of various colors, including shades of teal, blue, orange, yellow, and pink, creating a bokeh effect. The Maxell logo is positioned in the top right corner, consisting of the word 'maxell' in a bold, lowercase, sans-serif font, with the tagline 'Within, the Future' underneath it in a smaller, lighter font.

**maxell**  
Within, the Future

Projector Quick  
Guide 2019



**Welcome to our 2019 range of advanced projectors. A range inspired by the desire to create the very best projection technology, built to meet the diverse requirements from business to education to retail and art galleries and of course, bring your ideas to life.**

To make it easy to find the right projector for you, we have put together this comprehensive, quick guide. Get ready to be inspired.

## THE MAXELL PROJECTOR RANGE

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# 01 UNIQUE MAXELL FEATURES

## HDCR (HIGH DYNAMIC CONTRAST RANGE)

After long-hour use

Accentualizer, HDCR **OFF**



Accentualizer, HDCR **ON**



When average projectors are used in bright rooms, the darker areas of images are obscure and images become unclear.

Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increased contrast occurs. This results in clear images even in bright rooms.

## ACCENTUALIZER

Accentualizer **OFF**



Original image

Accentualizer **ON**



Increased shade, sharpness and gloss

Maxell original technology makes pictures look more real by enhancing shade, sharpness, and gloss 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.

## IMAGE OPTIMIZER

After long-hour use

Image Optimizer **OFF**



Image Optimizer **ON**



Equipped with IMAGE OPTIMIZER, Maxell's original function that maintains visibility of an image through automatic image correction in accordance with lamp consumption.

This function may not work properly when HDCR / ACCENTUALIZER is ON.

## COLOUR MANAGEMENT



Original image



Previous technology



This technology

This feature allows you to change the HUE, SATURATION, and LUMINANCE for each of 6 colours (red, green, blue, cyan, magenta, and yellow) without influencing each other.

With this technology, for example, you can change only bluish colours, such as the sky, while maintaining the other colours by adjusting the HUE of the blue.

## INTELLIGENT ECO MODE



Normal mode

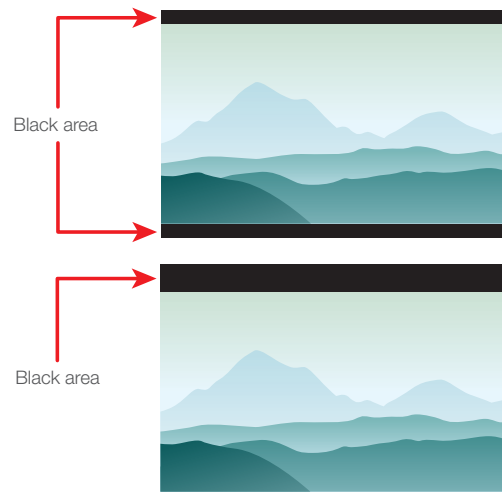


Saver mode

This feature, developed by Maxell, automatically changes the brightness of the lamp according to the level of the input signal.

Lamp brightness is reduced when a darker image is projected and returns to normal when a brighter image is projected, eliminating unnecessary energy consumption from the lamp.

## PICTURE SHIFT



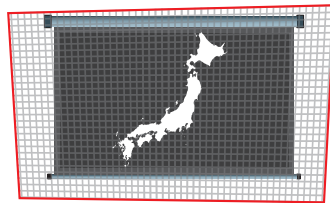
Using the Picture Shift Function you can adjust the image position in conformity to the black area of the screen digitally.

## PERFECT FIT

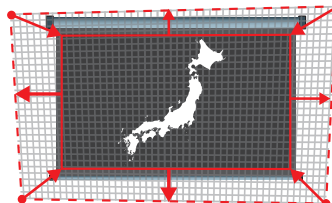
Projector installation



Focus Adjustment



Size and Position adjustment (Perfect fit)



Equipped with powered focus and Perfect Fit with which the position of the four corners and four sides of a projected image can be adjusted.

With the remote controller at hand, you can adjust focus and the position of an image.

# 03 ADDITIONAL FEATURES

## GEOMETRIC CORRECTION (WARPING)



Spherical object



Corner wall



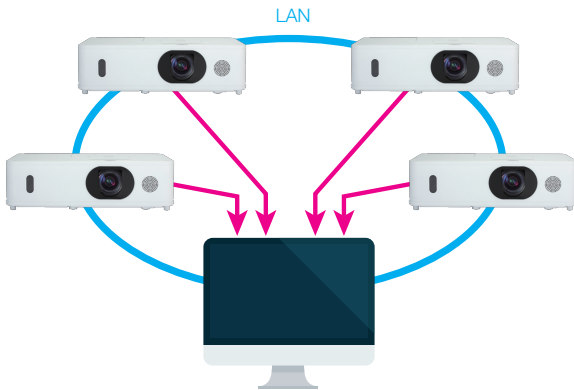
Curved screen



Curved screen

Geometric correction is possible from your computer by using the specialised application. Projection is possible on spherical surfaces and surfaces with corners, as well as conventional flat screens.

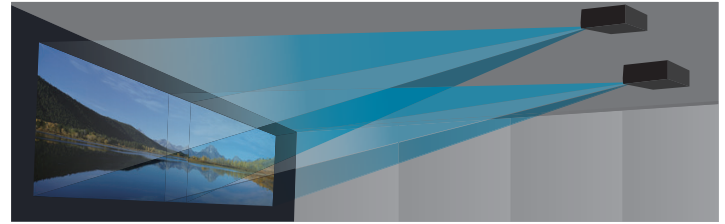
## CONVENIENT NETWORKING



Administration room

Manage and control multiple projectors over your LAN with Centralized Reporting, Scheduling, E-mail alerts and My Image (Image Transfer).

## EDGE BLENDING



The projectors are equipped with the Edge Blending function that achieves further seamless projection of one image using multiple projectors. The 9000 series comes with various blending functions that meet the level users are looking for.



### Manual Blending

With this mode, the user will be able to adjust the brightness of the Blending region manually using the projector menu and adjust unlimited Blended image regions. Additional hardware is required to perform manual Blending such as NVIDIA or Matrox graphics Card supporting Edge Blending or Mosaic functions.



### Camera Blending

By using a simple Logitech web camera and the supplied Maxell Blending Software, the user is able to create a 1x2, 2x1 or 2x2 seamless image from a single video output source.

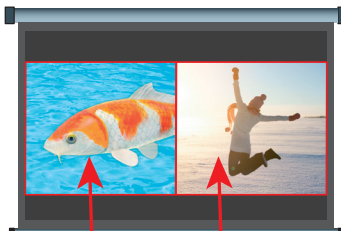
## WIRELESS CAPABILITY (OPTION)



Connect a projector to a computer using the optional USB wireless adapter. The adapter supports IEEE802.11b/g/n. Use the adapter cover to prevent the USB wireless adapter from coming off easily.

## P BY P / P IN P FUNCTIONS

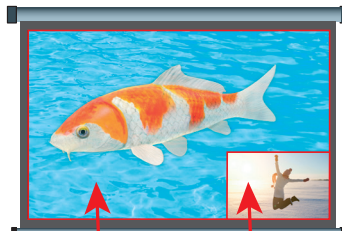
P by P mode



Main area

Sub area

P in P mode



Main area

Sub area

Images from two input signals can be projected on one screen at the same time.

Picture by Picture (PbyP) enables you to display two images side by side, and combine analogue and digital inputs.

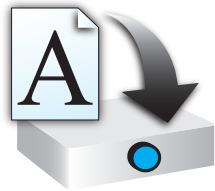
Picture in Picture (PinP) enables you to display one image inside another image.

## LIVE VIEWER 6



Maxell's LiveViewer application allows a user to capture and project images from their PC and display over a wired / wireless LAN (802.11b/g/n) on their Maxell Network Projector. Perfect for powerpoint presentations.

## PROJECTOR MESSENGER



Software allows an administrator to send real-time (or stored) text messages with audio alerts that appear on the screen of the projector.

This is great for sending campus wide announcements and important notifications.

Maxell's PJMessenger (Projector Messenger Tool) allows you to take control and display real-time text messages on your projector screen.

These text messages can be shown as a scrolling message (i.e., 'scrawl') across the bottom of your screen (just like the TV news), or directly in the middle of the screen for more urgent messages.

## PROJECTOR MANAGER (PJMAN)



With Maxell PJMan, an administrator can control the functions of each projector over a LAN connection.

Maxell's PJMan provides you the ability to control, diagnose & manage an individual or group of Maxell projectors.

PJMan's advanced e-mail, reporting and scheduling capabilities help you to make the most of your investment.

Search, sort and view projector data via specific criteria.

Group and sub-group to suit your individual needs and preferences.

## PROJECTOR CONTROL (PJCtrl)



Maxell's PJCtrl allows a user to control the functions of their Maxell projector via a 'Toolbar' on their desktop or laptop PC.

Since all of the functions for controlling the projector are on the PC, PJCtrl can help to reduce costs associated with lost remote controls, battery replacement, etc.

### Maxell's Projector Control Application:

- Can control up to five of the same Maxell model projectors at the same time
- Can be customized to suit the user's individual preferences & needs
- Has an advanced control menu that is ideal for installation, maintenance, etc.

## PROJECTOR QUICK CONNECTION



Projector Quick Connection is an application that enables you to send photo files, document files and website contents to compatible Maxell projectors over a wireless LAN (Wi-Fi) connection using your iPad.

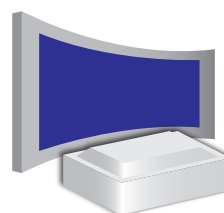
## PROJECTOR BLENDING TOOL



The Maxell Blending Tool is supplied with free of charge with the Maxell installation projectors and can create the blending of projectors in a 1x4, 4x1, 2x2 configuration easily.

A region of at least 20% is needed in the overlapped area in order to create a smooth and seamless image.

## PROJECTOR WARPING TOOL



The Projector Warping Tool is the application to configure the geometric distortion of the projectors images when the images are projected onto screens which have a particular kind of surface such as a cylinder, a spherical shape, etc.

Users can project images on these type of screens by transferring the WarpMap, which is created within this tool, from the PC to the projector which supports the warping function through a network connection.

# 05 PORTABLE

Whether you are on the move or in an office, Maxell's portable projectors are perfect for today's mobile professionals. They combine simple usability with powerful performance in a light weight and compact design enabling users to set up their presentations in seconds.

 3LCD	 Built-in speaker	 HDMI	 Vertical keystone
 Security functions	 Scheduling function	 Network LAN connectivity	 PC-less
 Lightweight			

<b>Description</b>
<b>OPTICAL</b>
Panel Size
Resolution
Light Output (Brightness) ANSI Lumens
Contrast Ratio
Lamp Life (Hours)*
Lens
Lens Zoom
Lens Focus
Throw Distance
Distance to Width Ratio/ Throw Ratio (:1)
Diagonal Display Size
<b>FEATURES</b>
Speakers
Digital Keystone Correction
<b>CONNECTIONS</b>
Digital Input
Analogue Input
Video Output
Audio Input
Audio Output
RS-232C Control
Wireless LAN
Wired LAN
USB Type-A
USB Type-B
<b>POWER</b>
Power Supply
Operating Power Consumption
Standby Power Consumption
<b>PHYSICAL</b>
Weight
Dimensions (W x H x D) (Without feet)
Noise
Filter life (Hours)*
<b>COMPATIBILITY</b>
Computer
Video
<b>ACCESSORIES</b>
Supplied Accessories
Remote Control
Replacement Lamp / Filter
Projector / Lamp Warranty





## MC-EX303E

3LCD Lamp projector, 3300 ANSI lumens, 20,000:1 contrast ratio, XGA (1024 x 768) resolution

3 LCD 16mm (0.63")

XGA (1024 x 768)

3,300 (Normal)

20000:1

6000(Normal), 12500(Eco)

Built-in

Manual Zoom x 1.2

Manual Focus

0.8 – 9.0m (Wide), 1.0 – 10.8m (Tele)

1.5-1.8

30 - 300"

1W Mono

Vertical  $\pm 30^\circ$

HDMI x 1 (HDCP compliant)

15-pin Mini-D-Sub x 2, RCA Jack x 1

15 pin Mini D-Sub x 1 (shared with analog computer input)

RCA Jack (L/R) x 1

3.5mm Stereo Mini Jack x 1

1 x 9-pin D-Sub

No

No

No

No

AC 100V – 120V / AC 220V – 240V (50/60Hz)

280W

Less than 0.35W

3.5kg

349 x 264 x 88mm

37dB (Normal), 28dB (Eco),

10,000

IBM Compatible VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/UXGA (compressed), MAC16"

525i (480i), 525p (480p), 625i (576i), 1125i (1080i@50/60), 750p (720p@50/60), 1125p (1080p@50/60)

Power Cable (1.8m) x1, Computer Cable (2m) x1, IR Remote Control Unit x1, AA Batteries x2, Lens Cap x1, Security Label x1

HLO3031

DT02081 (without Filter) / UX39561

3 years / 6 months (for education and extended warranties please contact your local dealer)

# 07 MULTI-PURPOSE

Our Multi Purpose range contains the finest features for business and education. Whichever model you choose, you'll find top-of-the range picture quality, security and networking, in a user-friendly package. Maxell is dedicated to lowering costs and protecting the environment, so the range also features longer-life parts and energy saving settings.



<b>Description</b>
<b>OPTICAL</b>
Panel Size
Resolution
Light Output (Brightness) ANSI Lumens
Contrast Ratio
Lamp Life (Hours)*
Lens
Lens Zoom
Lens Focus
Throw Distance
Distance to Width Ratio/ Throw Ratio (:1)
Diagonal Display Size
<b>FEATURES</b>
Speakers
Digital Keystone Correction
<b>CONNECTIONS</b>
Digital Input
Analogue Input
Video Output
Audio Input
Audio Output
RS-232C Control
Wireless LAN
Wired LAN
USB Type-A
USB Type-B
<b>POWER</b>
Power Supply
Operating Power Consumption
Standby Power Consumption
<b>PHYSICAL</b>
Weight
Dimensions (W x H x D) (Without feet)
Noise
Filter life (Hours)
<b>COMPATIBILITY</b>
Computer
Video
<b>ACCESSORIES</b>
Supplied Accessories
Optional Accessories
Remote Control
Replacement Lamp / Filter
Projector / Lamp Warranty



MC-EW3051	MC-EW3551	MC-EW4051	MC-EX3051
3LCD Lamp projector, 3200 ANSI lumens, 20,000:1 contrast ratio, WXGA (1280 x 800) resolution	3LCD Lamp projector, 3800 ANSI lumens, 20,000:1 contrast ratio, WXGA (1280 x 800) resolution	3LCD Lamp projector, 4000 ANSI lumens, 20,000:1 contrast ratio, WXGA (1280 x 800) resolution	3LCD Lamp projector, 3300 ANSI lumens, 20,000:1 contrast ratio, XGA (1024 x 768) resolution
3 LCD 15mm (0.59")	3 LCD 15mm (0.59")	3 LCD 15mm (0.59")	3 LCD 16mm (0.63")
WXGA (1280 x 800)	WXGA (1280 x 800)	WXGA (1280 x 800)	XGA (1024 x 768)
3200 (Normal)	3800 (Normal)	4000 (Normal)	3300 (Normal)
20000:1	20000:1	20000:1	20000:1
6000(Normal), 12500(Eco)	6000(Normal), 12500(Eco)	6000(Normal), 12500(Eco)	6000(Normal), 12500(Eco)
Built-in	Built-in	Built-in	Built-in
Manual Zoom x 1.2	Manual Zoom x 1.2	Manual Zoom x 1.2	Manual Zoom x 1.2
Manual Focus	Manual Focus	Manual Focus	Manual Focus
0.9 – 9.6m (Wide), 1.1 – 11.6m (Tele)	0.9 – 9.6m (Wide), 1.1 – 11.6m (Tele)	0.9 – 9.6m (Wide), 1.1 – 11.6m (Tele)	0.8 - 9.0 m (Wide), 1.0 - 10.8 m (Tele)
1.5-1.8	1.5-1.8	1.5-1.8	1.5-1.8
30 - 300"	30 - 300"	30 - 300"	30 - 300"
16W Mono	16W Mono	16W Mono	16W Mono
Horizontal ± 30°, Vertical ± 30°	Horizontal ± 30°, Vertical ± 30°	Horizontal ± 30°, Vertical ± 30°	Horizontal ± 30°, Vertical ± 30°
HDMI x 2 (HDCP compliant)	HDMI x 2 (HDCP compliant)	HDMI x 2 (HDCP compliant)	HDMI x 2 (HDCP compliant)
15-pin Mini-D-Sub x 2, RCA Jack x 1	15-pin Mini-D-Sub x 2, RCA Jack x 1	15-pin Mini-D-Sub x 2, RCA Jack x 1	15-pin Mini-D-Sub x 2, RCA Jack x 1
15 pin Mini D-Sub x 1 (shared with analog computer input)	15 pin Mini D-Sub x 1 (shared with analog computer input)	15 pin Mini D-Sub x 1 (shared with analog computer input)	15 pin Mini D-Sub x 1 (shared with analog computer input)
3.5mm Stereo Mini Jack x 2, RCA Jack (L/R) x 1	3.5mm Stereo Mini Jack x 2, RCA Jack (L/R) x 1	3.5mm Stereo Mini Jack x 2, RCA Jack (L/R) x 1	3.5mm Stereo Mini Jack x 2, RCA Jack (L/R) x 1
3.5mm Stereo Mini Jack x 1	3.5mm Stereo Mini Jack x 1	3.5mm Stereo Mini Jack x 1	3.5mm Stereo Mini Jack x 1
1 x 9-pin D-Sub	1 x 9-pin D-Sub	1 x 9-pin D-Sub	1 x 9-pin D-Sub
USB-WL-5G wireless adaptor (optional)	USB-WL-5G wireless adaptor (optional)	USB-WL-5G wireless adaptor (optional)	USB-WL-5G wireless adaptor (optional)
RJ45 connector x 1	RJ45 connector x 1	RJ45 connector x 1	RJ45 connector x 1
USB Type A x 1 (PC less presentation or wireless adapter)	USB Type A x 1 (PC less presentation or wireless adapter)	USB Type A x 1 (PC less presentation or wireless adapter)	USB Type A x 1 (PC less presentation or wireless adapter)
USB Type B x 1 (USB display or USB mouse control)	USB Type B x 1 (USB display or USB mouse control)	USB Type B x 1 (USB display or USB mouse control)	USB Type B x 1 (USB display or USB mouse control)
AC 100V – 120V / AC 220V – 240V (50/60Hz)	AC 100V – 120V / AC 220V – 240V (50/60Hz)	AC 100V – 120V / AC 220V – 240V (50/60Hz)	AC 100V – 120V / AC 220V – 240V (50/60Hz)
310W	310W	310W	310W
Less than 0.35W	Less than 0.35W	Less than 0.35W	Less than 0.35W
3.5kg	3.5kg	3.5kg	3.5kg
349 x 264 x 88mm	349 x 264 x 88mm	349 x 264 x 88mm	349 x 264 x 88mm
37dB (Normal), 29dB (Whisper)	37dB (Normal), 29dB (Whisper)	37dB (Normal), 29dB (Whisper)	37dB (Normal), 29dB (Whisper)
10,000	10,000	10,000	10,000
IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+/SXGA/SXGA+/UXGA (compressed), MAC16"	IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+/SXGA/SXGA+/UXGA (compressed), MAC16"	IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+/SXGA/SXGA+/UXGA (compressed), MAC16"	IBM Compatible VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/UXGA (compressed), MAC16"
525i (480i), 525p (480p), 625i (576i), 1125i (1080i@50/60), 750p (720p@50/60), 1125p (1080p@50/60)	525i (480i), 525p (480p), 625i (576i), 1125i (1080i@50/60), 750p (720p@50/60), 1125p (1080p@50/60)	525i (480i), 525p (480p), 625i (576i), 1125i (1080i@50/60), 750p (720p@50/60), 1125p (1080p@50/60)	525i (480i), 525p (480p), 625i (576i), 1125i (1080i@50/60), 750p (720p@50/60), 1125p (1080p@50/60)
Power Cable (1.8m) x1, Computer Cable (2m) x1, IR Remote Control Unit x1, AA Batteries x2, Lens Cap x1, Adapter Cover x1, Security Label x1	Power Cable (1.8m) x1, Computer Cable (2m) x1, IR Remote Control Unit x1, AA Batteries x2, Lens Cap x1, Adapter Cover x1, Security Label x1	Power Cable (1.8m) x1, Computer Cable (2m) x1, IR Remote Control Unit x1, AA Batteries x2, Lens Cap x1, Adapter Cover x1, Security Label x1	Power Cable (1.8m) x1, Computer Cable (2m) x1, IR Remote Control Unit x1, AA Batteries x2, Lens Cap x1, Adapter Cover x1, Security Label x1
USB wireless adaptor USB-WL-5G	USB wireless adaptor USB-WL-5G	USB wireless adaptor USB-WL-5G	USB wireless adaptor USB-WL-5G
HL03031	HL03031	HL03031	HL03031
DT02081 (without Filter) / UX39561	DT02081 (without Filter) / UX39561	DT02081 (without Filter) / UX39561	DT02081 (without Filter) / UX39561
3 years / 6 months (for education and extended warranties please contact your local dealer)	3 years / 6 months (for education and extended warranties please contact your local dealer)	3 years / 6 months (for education and extended warranties please contact your local dealer)	3 years / 6 months (for education and extended warranties please contact your local dealer)



	MC-EX3551	MP-EX4551E
<b>Description</b>	3LCD Lamp projector, 3700 ANSI lumens, 20,000:1 contrast ratio, XGA (1024 x 768) resolution	3LCD Lamp projector, 4500 ANSI lumens, 20,000:1 contrast ratio, XGA (1024 x 768) resolution
<b>OPTICAL</b>		
<b>Panel Size</b>	3 LCD 16mm (0.63")	3 LCD 16mm (0.63")
<b>Resolution</b>	XGA (1024 x 768)	XGA (1024 x 768)
<b>Light Output (Brightness) ANSI Lumens</b>	3700 (Normal)	4500 (Normal)
<b>Contrast Ratio</b>	20000:1	20000:1
<b>Lamp Life (Hours)*</b>	6000(Normal), 12500(Eco)	6000(Normal), 12500(Eco)
<b>Lens</b>	Built-in	Built-in
<b>Lens Zoom</b>	Manual Zoom x 1.2	Manual Zoom x 1.2
<b>Lens Focus</b>	Manual Focus	Manual Focus
<b>Throw Distance</b>	0.8 - 9.0 m (Wide), 1.0 - 10.8 m (Tele)	0.8 - 9.0 m (Wide), 1.0 - 10.9 m (Tele)
<b>Distance to Width Ratio/ Throw Ratio (:1)</b>	1.5-1.8	1.5-1.8
<b>Diagonal Display Size</b>	30 - 300"	30 - 300"
<b>FEATURES</b>		
<b>Speakers</b>	16W Mono	16W Mono
<b>Digital Keystone Correction</b>	Horizontal ± 30°, Vertical ± 30°	Horizontal ± 30°, Vertical ± 30°
<b>CONNECTIONS</b>		
<b>Digital Input</b>	HDMI x 2 (HDCP compliant)	HDMI x 2 (HDCP compliant)
<b>Analogue Input</b>	15-pin Mini-D-Sub x 2, RCA Jack x 1	15-pin Mini-D-Sub x 2, RCA Jack x 1
<b>Video Output</b>	15 pin Mini D-Sub x 1 (shared with analog computer input)	15 pin Mini D-Sub x 1 (shared with analog computer input)
<b>Audio Input</b>	3.5mm Stereo Mini Jack x 2, RCA Jack (L/R) x 1	3.5mm Stereo Mini Jack x 2, RCA Jack (L/R) x 1
<b>Audio Output</b>	3.5mm Stereo Mini Jack x 1	3.5mm Stereo Mini Jack x 1
<b>RS-232C Control</b>	1 x 9-pin D-Sub	1 x 9-pin D-Sub
<b>Wireless LAN</b>	USB-WL-5G wireless adaptor (optional)	USB-WL-5G wireless adaptor (optional)
<b>Wired LAN</b>	RJ45 connector x 1	RJ45 connector x 1
<b>USB Type-A</b>	USB Type A x 1 (PC less presentation or wireless adapter)	USB Type A x 1 (PC less presentation or wireless adapter)
<b>USB Type-B</b>	USB Type B x 1 (USB display or USB mouse control)	USB Type B x 1 (USB display or USB mouse control)
<b>POWER</b>		
<b>Power Supply</b>	AC 100V – 120V / AC 220V – 240V (50/60Hz)	AC 100V – 120V / AC 220V – 240V (50/60Hz)
<b>Operating Power Consumption</b>	310W	310W
<b>Standby Power Consumption</b>	Less than 0.35W	Less than 0.35W
<b>PHYSICAL</b>		
<b>Weight</b>	3.5kg	3.5kg
<b>Dimensions (W x H x D) (Without feet)</b>	349 x 264 x 88mm	349 x 264 x 88mm
<b>Noise</b>	37dB (Normal), 29dB (Whisper)	37dB (Normal), 29dB (Whisper)
<b>Filter life (Hours)*</b>	10,000	10,000
<b>COMPATIBILITY</b>		
<b>Computer</b>	IBM Compatible VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/UXGA (compressed), MAC16"	IBM Compatible VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/UXGA (compressed), MAC16"
<b>Video</b>	525i (480i), 525p (480p), 625i (576i), 1125i (1080i@50/60), 750p (720p@50/60), 1125p (1080p@50/60)	525i (480i), 525p (480p), 625i (576i), 1125i (1080i@50/60), 750p (720p@50/60), 1125p (1080p@50/60)
<b>ACCESSORIES</b>		
<b>Supplied Accessories</b>	Power Cable (1.8m) x1, Computer Cable (2m) x1, IR Remote Control Unit x1, AA Batteries x2, Lens Cap x1, Adapter Cover x1, Security Label x1	Power Cable (1.8m) x1, Computer Cable (2m) x1, IR Remote Control Unit x1, AA Batteries x2, Lens Cap x1, Adapter Cover x1, Security Label x1
<b>Optional Accessories</b>	USB wireless adaptor USB-WL-5G	USB wireless adaptor USB-WL-5G
<b>Remote Control</b>	HL03031	HL03031
<b>Replacement Lamp / Filter</b>	DT02081 (without Filter) / UX39561	DT02081 (without Filter) / UX39561
<b>Projector / Lamp Warranty</b>	3 years / 6 months (for education and extended warranties please contact your local dealer)	3 years / 6 months (for education and extended warranties please contact your local dealer)



# 11 ULTRA-SHORT THROW INTERACTIVE

The Interactive projectors have become an essential tool for use in boardrooms or classrooms. Maxell is leading the way with continuous advances in interactivity, image quality, functionality, security and affordability. As you would expect, features like low noise, usability and durability are assured. They are also easy to install and flexible to use with optional wireless networking.



**maxell**  
Within the Future

The above features listed may not be available on all models. Please check the specific model specification.

<b>Description</b>
<b>OPTICAL</b>
<b>Panel Size</b>
<b>Resolution</b>
<b>Light Output (Brightness) ANSI Lumens</b>
<b>Contrast Ratio</b>
<b>Lamp Life (Hours)*</b>
<b>Lens</b>
<b>Lens Zoom</b>
<b>Lens Focus</b>
<b>Throw Distance</b>
<b>Distance to Width Ratio/ Throw Ratio (:1)</b>
<b>Diagonal Display Size</b>
<b>FEATURES</b>
<b>Speakers</b>
<b>Digital Keystone Correction</b>
<b>CONNECTIONS</b>
<b>Digital Input</b>
<b>Analogue Input</b>
<b>Video Output</b>
<b>Audio Input</b>
<b>Audio Output</b>
<b>RS-232C Control</b>
<b>Wireless LAN</b>
<b>Wired LAN</b>
<b>USB Type-A</b>
<b>USB Type-B</b>
<b>POWER</b>
<b>Power Supply</b>
<b>Operating Power Consumption</b>
<b>Standby Power Consumption</b>
<b>PHYSICAL</b>
<b>Weight</b>
<b>Dimensions (W x H x D) (Without feet)</b>
<b>Noise</b>
<b>Filter life (Hours)*</b>
<b>COMPATIBILITY</b>
<b>Computer</b>
<b>Video</b>
<b>ACCESSORIES</b>
<b>Supplied Accessories</b>
<b>Optional Accessories</b>
<b>Remote Control</b>
<b>Replacement Lamp / Filter</b>
<b>Projector / Lamp Warranty</b>



**MC-TW3006**

Interactive 3LCD ultra short throw projector, 3300 ANSI lumens, 10000:1 contrast ratio, WXGA (1280 x 800) resolution

3LCD 15mm (0.59")  
 WXGA (1280 x 800)  
 3300 (Normal) 2706 (Eco) 2244 (Eco-2)

10000:1  
 4000 (Normal), 5000 (Eco) 6000 (Eco-2)

Built-in  
 Digital Zoom x 1.35

Powered Focus  
 0.409 – 0.689m

0.3  
 60 – 100"

16W Mono  
 Horizontal ± 5°, Vertical ± 5°

HDMI x 2  
 15 pin Mini D-Sub x2, RCA Jack x1  
 15 pin Mini D-Sub x 1

3.5mm Stereo Mini Jack x1, RCA Jack (L/R) x 1  
 3.5mm Stereo Mini Jack x 1

1 x 9-pin D-Sub  
 USB-WL-11N wireless adaptor (optional)

Yes  
 Used for PC-less presentation, wireless network or optional wireless pen tablet TB-1

Interactive function, USB display, or USB mouse control

AC 100V – 120V / AC 220V – 240V (50/60Hz)  
 360W  
 Less than 0.35W

4.3kg  
 377 x 136 x 360mm  
 36dB (Normal), 32dB (Eco), 28dB (Eco-2)  
 4,000

IBM Compatible VGA, SVGA, XGA, WXGA/WXGA+/SXGA/SXGA+/UXGA (compressed), MAC16"

525i (480i), 525p (480p), 625i (576i), 1125i (1080i@50/60), 750p (720p@50/60), 1125p (1080p@50/60)

Power Cable (4.5m) x1, Computer Cable (5.0m) x1, USB Cable (5m) x1, Interactive Pen x2, Pen Tip x4, AAA Batteries x4, IR Remote Control Unit x1, AA Batteries x2, Cable Cover x1, Application CD (for network, etc.) x1, Application DVD (for interactive) x1, CD User Manual x1, Concise User Manual x1, Adapter Cover x1

USB wireless adaptor USB-WL-11N, Wall mount unit: HAS-WM03, HAS-WM05 (Low ceiling wall mount), TT-03 Table Top Kit, HAS-WB01 (XGA mount adaptor) HAS-WB02 (WXGA mount adaptor)

HL03033  
 DT01411 / UX37191 (Hybrid)  
 3 years / 3 years (for education and extended warranties please contact your local dealer)

**MC-TW3506**

Interactive 3LCD Lamp projector, 3700 ANSI lumens, 16,000:1 contrast ratio, WXGA (1280 x 800) resolution

3LCD 15mm (0.59")  
 WXGA (1280 x 800)  
 3700 (Normal) 3034 (Eco) 2516 (Eco-2)

16000:1  
 4000 (Normal), 6000 (Eco-2)

Built-in  
 Digital Zoom x 1.35

Powered Focus  
 0.41m – 0.69m (centre of glass to screen)

0.3  
 60 – 100"

16W Mono  
 Horizontal ±5°, Vertical: ±5°

HDMI x 2 (HDCP compliant, HDMI 1 shared with MHL)  
 15-pin Mini-D-Sub x 2, RCA Jack x 1  
 15 pin Mini D-Sub x 1

3.5mm Stereo Mini Jack x 2, RCA Jack (L/R) x 1  
 3.5mm Stereo Mini Jack x 1

1 x 9-pin D-Sub  
 USB-WL-11N wireless adaptor (optional)

RJ45 connector x 1  
 USB Type A x 2 (PC less presentation or wireless adaptor) USB type A for FT-01 x 1 (for power supply of the FT-01)

Interactive function, USB display, or USB mouse control

AC 100V – 120V / AC 220V – 240V (50/60Hz)  
 380W  
 Less than 0.35W

4.6kg  
 382 x 141 x 362mm  
 37db (Normal), 32db (Eco), 28db (Eco-2)  
 4,000

IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+/SXGA/SXGA+/UXGA (compressed)

525i(480i), 525p(480p), 625i(576i), 625p(576p) 1125i(1080i@50/60), 1125p(1080p@50/60)

Power Cable (4.5m) x1, Computer Cable (5.0m) x1, USB Cable (5m) x1, Interactive Pen x2, Pen Tip x4, AAA Batteries x4, IR Remote Control Unit x1, AA Batteries x2, Cable Cover x1, Application CD (for network, etc.) x1, Application DVD (for interactive) x1, CD User Manual x1, Concise User Manual x1, Adapter Cover x1

USB wireless adaptor USB-WL-11N, Wall mount unit: HAS-WM03, HAS-WM05 (Low ceiling wall mount), TT-03 Table Top Kit, HAS-WB01 (XGA mount adaptor) HAS-WB02 (WXGA mount adaptor) FT-01B Finger Touch Unit

HL03033  
 DT01411 / UX37191 (Hybrid)  
 3 years / 3 years (for education and extended warranties please contact your local dealer)

# 13 INSTALLATION

## 5000 SERIES

Ideal for medium to large venues, our installation models deliver high performance, advanced networking capabilities and simple user functionality making them a cost effective solution for a multitude of installation requirements.



**maxell**  
Within the Future

The above features listed may not be available on all models. Please check the specific model specification.

<b>Description</b>
<b>OPTICAL</b>
<b>Panel Size</b>
<b>Resolution</b>
<b>Light Output (Brightness) ANSI Lumens</b>
<b>Contrast Ratio</b>
<b>Lamp Life (Hours)*</b>
<b>Lens</b>
<b>Lens Zoom</b>
<b>Lens Focus</b>
<b>Throw Distance</b>
<b>Distance to Width Ratio/ Throw Ratio (:1)</b>
<b>Diagonal Display Size</b>
<b>FEATURES</b>
<b>Speakers</b>
<b>Digital Keystone Correction</b>
<b>CONNECTIONS</b>
<b>Digital Input</b>
<b>Analogue Input</b>
<b>Video Output</b>
<b>Audio Input</b>
<b>Audio Output</b>
<b>RS-232C Control</b>
<b>Wireless LAN</b>
<b>Wired LAN</b>
<b>USB Type-A</b>
<b>USB Type-B</b>
<b>POWER</b>
<b>Power Supply</b>
<b>Operating Power Consumption</b>
<b>Standby Power Consumption</b>
<b>PHYSICAL</b>
<b>Weight</b>
<b>Dimensions (W x H x D) (Without feet)</b>
<b>Noise</b>
<b>Filter life (Hours)*</b>
<b>COMPATIBILITY</b>
<b>Computer</b>
<b>Video</b>
<b>ACCESSORIES</b>
<b>Supplied Accessories</b>
<b>Optional Accessories</b>
<b>Remote Control</b>
<b>Replacement Lamp / Filter</b>
<b>Projector / Lamp Warranty</b>





**NEW**

**MP-WX5603**

3LCD Laser projector, 6,000 ANSI lumens, 1,500,000:1 contrast ratio, WUXGA (1920 x 1200) resolution

3LCD 16mm (0.64")

WUXGA (1920 x 1200)

6000 (Normal)

1,500,000:1

20,000

Built-in

Manual Zoom x 1.7

Manual Focus

0.9 – 9.2 m (Wide), 1.5 – 15.8 m (Tele)

1.4 – 2.4

30 – 300°

16W Mono

Horizontal ± 30°, Vertical ± 30°

HDMI x 2 (HDCP compliant, HDMI 1 shared with MHL) HDBaseT x 1

15-pin Mini-D-Sub x 2, RCA Jack x 1

15 pin Mini D-Sub x 1 (shared with analog computer input)

3.5mm Stereo Mini Jack x 2, RCA Jack (L/R) x 1

3.5mm Stereo Mini Jack x 1

1 x 9-pin D-Sub

USB-WL-5G wireless adaptor (optional)

RJ45 connector x 1

USB Type A x 1 (wireless adapter)

USB Type B x 1 (for service use)

AC 100V – 120V / AC 220V – 240V (50/60Hz)

400W

Less than 0.5W

8.5kg

506 x 136 x 424mm

36db (Normal), 27dB (Whisper)

20,000

IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, WUXGA

525i(480i), 525p(480p), 625i(576i), 625p(576p) 1125i(1080i@50/60), 1125p(1080p@50/60), 4K (3840x2160@30 4:4:4, Compressed)

Power Cable (1.8m), Computer Cable (2m), Remote Control Unit x1, Concise User Manual x1, Security Label x1, Lens Cover x 1, Hook Metal x1, Screw x1, HDMI Cable Holder (x2), Cable Tie (large x1, medium x2), AA Batteries x2, Adaptor Cover x 1

USB wireless adaptor USB-WL-5G

HL03037

UX43581

20,000 hours / 5 years (whichever comes first) (for extended warranties please contact your local dealer)

**NEW**

**MP-WX5503**

3LCD Laser projector, 5,000 ANSI lumens, 1,500,000:1 contrast ratio, WUXGA (1920 x 1200) resolution

3LCD 16mm (0.64")

WUXGA (1920 x 1200)

5000 (Normal)

1,500,000:1

20,000

Built-in

Manual Zoom x 1.7

Manual Focus

0.9 – 9.2 m (Wide), 1.5 – 15.8 m (Tele)

1.4 – 2.4

30 – 300°

16W Mono

Horizontal ± 30°, Vertical ± 30°

HDMI x 2 (HDCP compliant, HDMI 1 shared with MHL) HDBaseT x 1

15-pin Mini-D-Sub x 2, RCA Jack x 1

15 pin Mini D-Sub x 1 (shared with analog computer input)

3.5mm Stereo Mini Jack x 2, RCA Jack (L/R) x 1

3.5mm Stereo Mini Jack x 1

1 x 9-pin D-Sub

USB-WL-5G wireless adaptor (optional)

RJ45 connector x 1

USB Type A x 1 (wireless adapter)

USB Type B x 1 (for service use)

AC 100V – 120V / AC 220V – 240V (50/60Hz)

360W

Less than 0.5W

8.2kg

506 x 136 x 424mm

32dB (Normal), 27dB (Whisper)

20,000

IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, WUXGA

525i(480i), 525p(480p), 625i(576i), 625p(576p) 1125i(1080i@50/60), 1125p(1080p@50/60), 4K (3840x2160@30 4:4:4, Compressed)

Power Cable (1.8m), Computer Cable (2m), Remote Control Unit x1, Concise User Manual x1, Security Label x1, Lens Cover x 1, Hook Metal x1, Screw x1, HDMI Cable Holder (x2), Cable Tie (large x1, medium x2), AA Batteries x2, Adaptor Cover x 1

USB wireless adaptor USB-WL-5G

HL03037

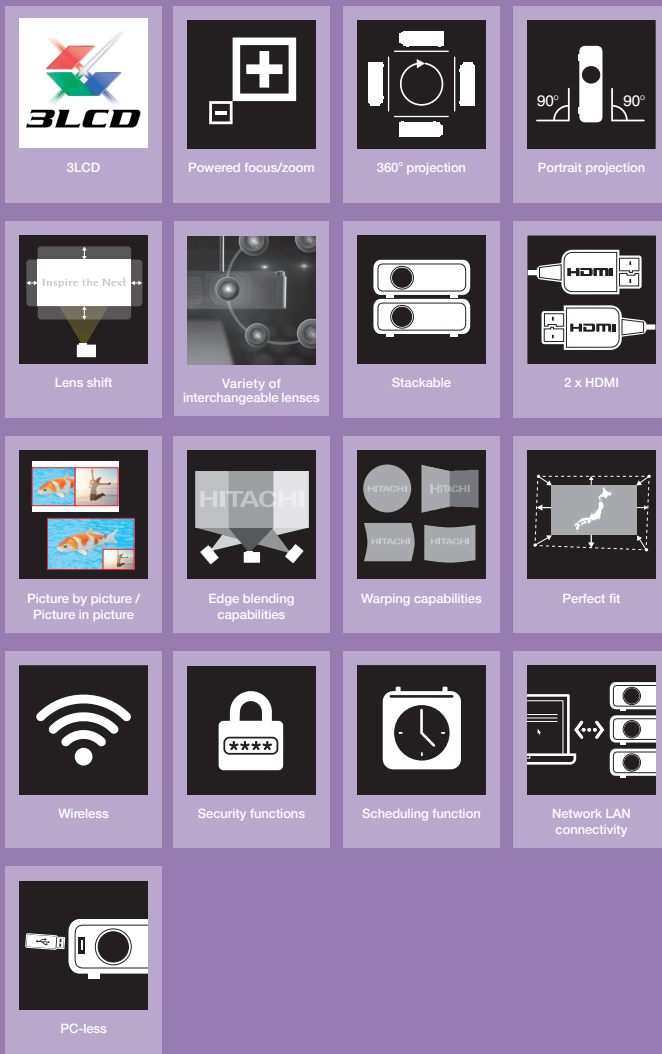
UX43581

20,000 hours / 5 years (whichever comes first) (for extended warranties please contact your local dealer)

# 15 INSTALLATION

## 8000 SERIES

Ideal for medium to large venues, our installation models deliver high performance, advanced networking capabilities and simple user functionality making them a cost effective solution for a multitude of installation requirements.



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The above features listed may not be available on all models. Please check the specific model specification.

<b>Description</b>
<b>OPTICAL</b>
<b>Panel Size</b>
<b>Resolution</b>
<b>Light Output (Brightness) ANSI Lumens</b>
<b>Contrast Ratio</b>
<b>Lamp Life (Hours)*</b>
<b>Lens</b>
<b>Lens Zoom</b>
<b>Lens Focus</b>
<b>Throw Distance</b>
<b>Distance to Width Ratio/ Throw Ratio (:1)</b>
<b>Diagonal Display Size</b>
<b>FEATURES</b>
<b>Speakers</b>
<b>Digital Keystone Correction</b>
<b>CONNECTIONS</b>
<b>Digital Input</b>
<b>Analogue Input</b>
<b>Video Output</b>
<b>Audio Input</b>
<b>Audio Output</b>
<b>RS-232C Control</b>
<b>Wireless LAN</b>
<b>Wired LAN</b>
<b>USB Type-A</b>
<b>USB Type-B</b>
<b>POWER</b>
<b>Power Supply</b>
<b>Operating Power Consumption</b>
<b>Standby Power Consumption</b>
<b>PHYSICAL</b>
<b>Weight</b>
<b>Dimensions (W x H x D) (Without feet)</b>
<b>Noise</b>
<b>Filter life (Hours)*</b>
<b>COMPATIBILITY</b>
<b>Computer</b>
<b>Video</b>
<b>ACCESSORIES</b>
<b>Supplied Accessories</b>
<b>Optional Accessories</b>
<b>Remote Control</b>
<b>Replacement Lamp / Filter</b>
<b>Projector / Lamp Warranty</b>



**NEW**

**NEW**

**MP-WU8801W**

**MP-WU8701W**

3LCD Laser projector, 8,000 ANSI lumens, 2,500,000:1 contrast ratio, WUXGA (1920 x 1200) resolution

3LCD Laser projector, 7,000 ANSI lumens, 2,500,000:1 contrast ratio, WUXGA (1280 x 800) resolution

3LCD 19mm (0.76")

3LCD 19mm (0.76")

WUXGA (1920 x 1200)

WUXGA (1280 x 1200)

8000 (Normal),

7000 (Normal),

2,500,000 : 1

2,500,000 : 1

20,000

20,000

Interchangeable, not included

Interchangeable, not included

Powered Zoom x 1.7 (Standard Lens ML-713M)

Powered Zoom x 1.7 (Standard Lens ML-713M)

Powered Focus

Powered Focus

0.9 – 36.8m (Standard Lens ML-713M)

0.9 – 36.8m (Standard Lens ML-713M)

Lens FL-720M 0.38 USL-701M 0.74-0.98 FL-701M 0.78 SL-712M 1.15-1.75 ML-713M 1.68-2.88 LL-704M 2.78-4.75 UL-705M 4.75-8.10

Lens FL-720M 0.38 USL-701M 0.74-0.98 FL-701M 0.78 SL-712M 1.15-1.75 ML-713M 1.68-2.88 LL-704M 2.78-4.75 UL-705M 4.75-8.10

30 – 600" (FL-720M 100"-350" USL-701M 60"-600")

30 – 600" (FL-720M 100"-350" USL-701M 60"-600")

TBC

TBC

HDMI x 2 (HDCP 2.2 compliant) HDBaseT x 1 3G SDI x 1 Display Port x 1

HDMI x 2 (HDCP 2.2 compliant) HDBaseT x 1 Display Port x 1

15 pin Mini D-Sub x 1, BNC x 1

15 pin Mini D-Sub x 1

15 pin Mini D-Sub x 1, HDMI x 1 (HDCP 2.2 compliant)

15 pin Mini D-Sub x 1, HDMI x 1 (HDCP 2.2 compliant)

3.5mm Stereo Mini Jack x 1, RCA Jack (L/R) x 1

3.5mm Stereo Mini Jack x 1, RCA Jack (L/R) x 1

3.5mm Stereo Mini Jack x 1

3.5mm Stereo Mini Jack x 1

1 x 9-pin D-Sub

1 x 9-pin D-Sub

USB-WL-5G wireless adaptor (optional)

USB-WL-5G wireless adaptor (optional)

RJ45 connector x 1

RJ45 connector x 1

USB Type A x 1 (wireless adapter)

USB Type A x 1 (wireless adapter)

AC 100V – 120V / AC 220V – 240V (50/60Hz)

AC 100V – 120V / AC 220V – 240V (50/60Hz)

560W

500W

Less than 0.5W

Less than 0.5W

18.2kg

18.2kg

582 x 215 x 431mm

582 x 215 x 431mm

34dB (Normal), 26dB (Whisper)

32dB (Normal), 26dB (Whisper)

20,000

20,000

IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, WUXGA

IBM Compatible VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA, WUXGA

525i(480i), 525p(480p), 625i(576i), 625p(576p)1125i(1080i@50/60), 1125p(1080p@50/60), 4K (3840x2160@30 4:4:4, Compressed)

525i(480i), 525p(480p), 625i(576i), 625p(576p)1125i(1080i@50/60), 1125p(1080p@50/60), 4K (3840x2160@30 4:4:4, Compressed)

Power Cable (1.8m), Computer Cable (2m), Remote Control Unit x1, Concise User Manual x1, Security Label x1, Lens Hole Cover x1, Cable Tie (large x1, medium x3), AA Batteries x2, Terminal Cover x 2, Warranty card x1, QC Pass Label x1

Power Cable (1.8m), Computer Cable (2m), Remote Control Unit x1, Concise User Manual x1, Security Label x1, Lens Hole Cover x1, Cable Tie (large x1, medium x3), AA Batteries x2, Terminal Cover x 2, Warranty card x1, QC Pass Label x1

Lenses FL-720, USL-701, FL-701, SL-712, ML-713, LL-704, UL-705, USB wireless adaptor USB-WL-5G

Lenses FL-720, USL-701, FL-701, SL-712, ML-713, LL-704, UL-705, USB wireless adaptor USB-WL-5G

HLO2806

HLO2806

Filter Part No: TBC

Filter Part No: TBC

20,000 hours / 5 years (whichever comes first) (for extended warranties please contact your local dealer)

20,000 hours / 5 years (whichever comes first) (for extended warranties please contact your local dealer)

## 8000 Installation Series

### INTERCHANGEABLE LENS OPTIONS

	LENS	TYPE	PROJECTOR	PROJECTION DISTANCE for 100" screen (full screen) (projector's lens to screen)	THROW RATIO
	<b>FL-720M</b>	Ultra short throw lens, Zoom Fixed (Lens shift not available)	<b>MP-WU8801W</b> <b>MP-WU8701W</b>	0.82m 0.82m	0.38 0.38
	<b>FL-701M</b>	Ultra short throw lens, Zoom Fixed (Lens shift not available)	<b>MC-WU8701W</b>	0.69m	0.38
	<b>USL-701M</b>	Ultra short throw lens, Zoom x1.3	<b>MP-WU8801W</b> <b>MP-WU8701W</b>	1.6 – 2.1m 1.6 – 2.1m	0.74 – 0.98 0.74 – 0.98
	<b>FL-701M</b>	Ultra short throw lens, Zoom Fixed (Lens shift not available)	<b>MP-WU8801W</b> <b>MP-WU8701W</b>	1.8m 1.8m	0.8 0.8
	<b>SL-712M</b>	Short throw lens, Zoom x 1.5	<b>MP-WU8801W</b> <b>MP-WU8701W</b>	2.5 – 3.8m 2.5 – 3.8m	1.2 – 1.7 1.2 – 1.7
	<b>ML-713M</b>	Middle throw lens, Zoom x 2.0	<b>MP-WU8801W</b> <b>MP-WU8701W</b>	3.7 – 6.3m 3.7 – 6.3m	1.7 – 2.9 1.7 – 2.9
	<b>LL-704M</b>	Long throw lens, Zoom x 1.7	<b>MP-WU8801W</b> <b>MP-WU8701W</b>	6.1 – 10.3m 6.1 – 10.3m	2.8 – 4.8 2.8 – 4.8
	<b>UL-705M</b>	Ultra long throw lens, Zoom x 1.7	<b>MP-WU8801W</b> <b>MP-WU8701W</b>	10.3 – 17.6m 10.3 – 17.6m	4.9 – 8.3 4.9 – 8.3







# maxell

Within, the Future

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www.maxelldisplay.com



/MaxellDisplay



@MaxellDisplay



/MaxellDisplay



/Maxell-Display

\*1: A free replacement lamp will be issued if the original lamp is less than 6 months old and it has only been used for less than the hours stated (in Eco Mode) on the lamp warranty from the date of first use. \*2: A free replacement lamp will be issued if the original lamp is less than 3 years old and it has only been used for less than the hours stated (in Eco Mode) on the lamp warranty from the date of first use. Where a lamp fails and a replacement lamp is taken under warranty, the duration of the warranty for the replacement lamp shall be the remainder of the original warranty period only. The stated lamp and filter life refers to the average life expected in ideal operating conditions with usage in accordance with the manual. The majority of, but not all, filters and lamps should achieve these figures. \*3: Recommended focus distance is 1.5m (Tele)-6m (Wide). \*4: Projectors sold individually. Design and specifications are subject to change without notice. All other trademarks are the properties of their respective owners.