

# LX-MH502Z

## A COMPACT AND BRIGHT 4K UHD INSTALLATION LASER PROJECTOR



Offering 4K UHD resolution, the LX-MH502Z boasts 5,000 lumens for clear, sharp projection and minimal maintenance thanks to a 20,000 hour lifespan plus two HDMI inputs and HDBaseT for easy installation



- 4K UHD resolution (3840 x 2160 pixels) with 16:9 aspect ratio
- 1-chip DLP™ technology
- Laser light source offering minimal maintenance and low total cost of ownership
- 5,000 lumens for bright, clear images with 50,000:1 contrast ratio delivering deep blacks
- Multiple connectivity options with HDMI x2, HDBaseT and RJ-45 Network ports
- Easy to install with a 1.6x manual zoom lens and 360° orientation
- 5 user modes including DICOM sim mode\*
- Up to 20,000 hours light source life and 35 dB in Eco mode
- 10W Speaker with audio line-out
- 5 year warranty\*\* (or 12,000 hours) plus a free next day loan unit helps minimise downtime

\*Not to be used for diagnostics

\*\*Terms and conditions apply



### PRODUCT RANGE



XEED 4K5020Z



LX-MH502Z



LX-MU500Z

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# TECHNICAL SPECIFICATIONS

# LX-MH502Z

## PANEL

<b>Type</b>	DLP™ chip
<b>Size and Number</b>	0.47" diagonal, Single chip
<b>Aspect Ratio</b>	16:9
<b>Resolution</b>	3840 x 2160 (4K shift function ON)
<b>Native Resolution</b>	1920 x 1080 Full HD (4K shift function OFF)

## OPTICS

<b>Light Source Type</b>	Blue laser diode & yellow phosphor
<b>Lens F Number and Focal Length</b>	F14.3-22.9mm; f=1.81-2.10mm
<b>Zoom Magnification and Control</b>	1.6x Manual
<b>Focus Control</b>	Manual
<b>Lens Shift</b>	Vertical: +/-60%* Manual* Horizontal: +/- 23% Manual

## IMAGE AND AUDIO

<b>Brightness</b>	5000 lumens (3750 Eco Mode) Presentation Mode
<b>Brightness Uniformity</b>	80%
<b>Dynamic Contrast Ratio</b>	50,000:1 (Fully white : fully black / presentation mode)
<b>Projection Distance Coverage</b>	1.8m – 9.58m (2.99m-4.79m for 100" image)
<b>Screen Size</b>	60"-300" (1.33m x 0.75m – 6.64 x 3.74m)
<b>Projection Ratio</b>	1.36-2.18:1
<b>Keystone Correction Range</b>	Vertical: +/-30° Manual.
<b>Digital PC Input</b>	3840x2160 / WUXGA / WSXGA+ / UXGA / SXGA+ / WXGA+ / FWXGA / WXGA / SXGA / XGA / SVGA / VGA
<b>Analogue PC Input</b>	WUXGA / WSXGA+ / UXGA / SXGA+ / WXGA+ / FWXGA / WXGA / SXGA / XGA / SVGA / VGA / MAC
<b>Digital Video Input</b>	2160p / 1080p / 1080i / 720p / 576p / 480p / 576i / 480i
<b>HDBaseT Input</b>	Image, Audio, control, network (100BASE-TX) 3840x2160 / WUXGA / WSXGA+ / UXGA / SXGA+ / WXGA+ / FWXGA / WXGA / SXGA / XGA / SVGA / VGA
<b>Display Modes</b>	Presentation, Standard, sRGB, Cinema, DICOM, User 1 & 2
<b>Built-in Speaker</b>	10W monaural

## PORTS AND CONNECTORS

<b>Analogue PC Input</b>	Mini Dsub 15
<b>Analogue PC Output (Monitor out)</b>	Mini Dsub 15
<b>Digital PC / Digital Video</b>	HDMI 1
<b>Digital PC / Digital Video</b>	HDMI 2
<b>Audio Input</b>	3.5mm stereo mini-jack x 1
<b>Audio Output</b>	3.5mm stereo mini-jack (variable level)
<b>USB</b>	Type A 5V/2A
<b>Mini USB Service Port</b>	Type B (for firmware update)
<b>Projector Control</b>	Mini D-Sub 9-pin (RS232c)
<b>Network Port 1</b>	HDBaseT
<b>Network Port 2</b>	RJ-45 (100Base-TX / 10Base-T)
<b>Built-in Speaker</b>	10W monaural

## MECHANISMS

<b>Front Elevation Mechanism</b>	4 x rotary feet (up to 1.9° elevation angle, front, rear, left and right)
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## RATINGS

<b>Dimensions (W x H x D)</b>	450mm x 154mm x 379mm (including protrusions)
<b>Weight</b>	9.3kg
<b>Power Source</b>	100-240 V AC, 50/60Hz
<b>Power Consumption</b>	Modes – Normal: 510W / Eco: 380W Standby: [LAN on/off] 2W / 0.5W Normal: 20,000H
<b>Light source life</b>	Normal / Eco: 39/37 dB (4K shift ON) Normal / Eco: 37/35 dB (4K shift OFF)
<b>Noise Level</b>	0° to 40°C (RH: 10-90%)
<b>Operating Environment</b>	-10°C to +65°C
<b>Storage Environment</b>	-10°C to +65°C
<b>Warranty</b>	5 years (12,000 hours)

## Footnotes

\* When horizontal is in centre position. Maximum lens shift is not possible in both axis.

## Disclaimer

Class 1 Laser Product (Complies with ENC60825-1:2014)

All data is based on Canon standard testing methods except where indicated  
Subject to change without notice.

PROJECTION DISTANCE INFORMATION				
Image size (16:9)			Projection distance	
Diagonal	Width (cm)	Height (cm)	L(W) [m]	L(T) [m]
60	133	75	1.8	2.87
75	166	93	2.25	3.59
87	193	108	2.61	4.17
95	210	118	2.85	4.55
100	221	125	2.99	4.79
120	266	149	3.59	5.75
150	332	187	4.49	7.19
180	398	224	5.39	8.62
200	443	249	5.99	9.58
250	553	311	7.49	-
300	664	374	8.98	-



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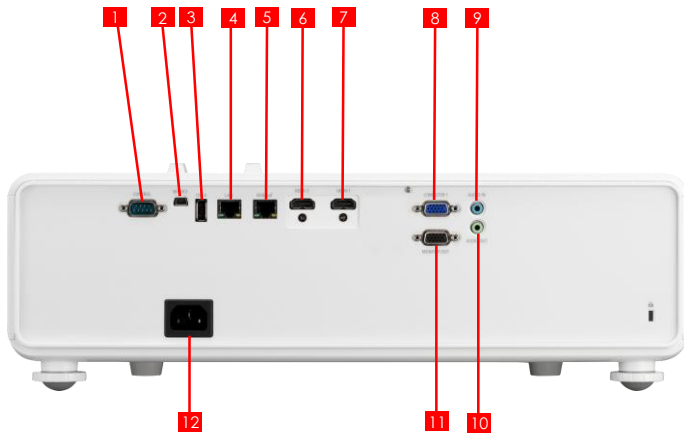
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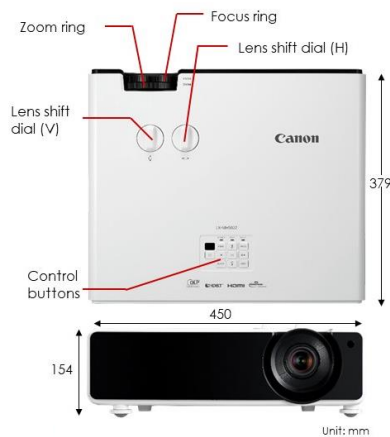
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Sales Start Date: December 2018

# LX-MH502Z



- |    |  |
|----|--|
| 1  | RS-232C (Dsub 9)                           |
| 2  | USB Type A power supply                    |
| 3  | USB A (power supply)                       |
| 4  | LAN  |
| 5  | HDBaseT                                    |
| 6  | HDMI 2                                     |
| 7  | HDMI 1                                     |
| 8  | Mini Dsub15: Analog PC input               |
| 9  | Mini Jack Audio input: Analog PC/component |
| 10 | Mini Jack Audio output                     |
| 11 | Mini Dsub15: Component video output        |
| 12 | Power                                      |



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#### PRODUCT DETAILS:

Product Name	Mercury Code	EAN Code
MM PROJECTOR LX-MH502Z (GB)	3576C005AA	8714574660684

#### OPTIONAL ACCESSORIES:

Product Name	Mercury Code	EAN Code
<b>Accessories - General</b>		
Replacement Remote Control LV-RC08	0029C001AA	4549292024203

#### MEASUREMENT / LOGISTIC INFORMATION:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (mm)	Width (mm)	Height (mm)	Volume (cm <sup>3</sup> )	Gross Weight (kg)	Net Weight (kg)
MM PROJECTOR LX-MH502Z (GB)	3576C005AA	CT	Outer	1	580	518	250	75,110	11.8	

#### What's in the box?

- MM PROJECTOR LX-MH502Z
- Remote Control Unit LV-RC08
- Lithium Coin Battery, type CR2025 x 1
- AC Mains Power Cable
- Warranty Card

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