



# INTERCHANGEABLE LENS DUAL LAMP DLP PROJECTOR LX-MU700

Recommended for:

- Conference Rooms
- Board Rooms
- Large Classrooms
- Auditoriums
- Lecture Halls
- Digital Signage
- Houses of Worship



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## HIGH BRIGHTNESS WITH HIGH RELIABILITY

The LX-MU700 brings high brightness images, efficiency and reliability to large venues in business, higher education, houses of worship and more. This model utilizes a dual lamp system to achieve a brightness of 7500 Lumens\*, while also enhancing reliability by helping to minimize projector downtime – a key factor for units installed in areas that may be challenging to access.

### DUAL LAMP SYSTEM



- **7500 Lumen\* Brightness** – ideal for large halls and auditoriums, even in bright ambient conditions
- **Reliability** – avoid mid-presentation interruptions by switching from two lamps to one should one lamp go out

### KEY FEATURES

- 7500 Lumens\*
- Dual Lamp System
- WUXGA (1920 x 1200)
- DLP Technology
- Eight Optional Lenses
- Motorized Lens Shift, Zoom and Focus
- Two Interchangeable Color Wheels (Brightness vs. Color Priority)
- HDBaseT™, HDMI, DVI and RJ-45
- Crestron, AMX and Extron Compatibility

DLP HDBT™

HDMI™  
HIGH-DEFINITION MULTIMEDIA INTERFACE

\*When using Dual Lamps, Standard Zoom Lens LX-IL035T, 6 Segment-BRT color wheel and Lamp Mode is Normal.

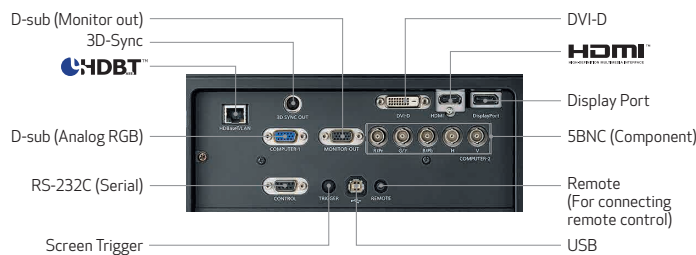
## SPECIFICATIONS

PROJECTION SYSTEM	
Imaging Device	0.67" DMD x1
Aspect Ratio	16:10
Native Resolution	1920 x 1200 (WUXGA)
Brightness <sup>2,3</sup>	7500 Lumens (Dual Lamp, Lamp Mode: Normal)
Contrast <sup>2</sup>	2100:1
Digital Keystone	V±40°
Uniformity <sup>2</sup>	85%
IMAGE ADJUSTMENTS	
Image Mode	Presentation / Standard / Video
Mounting	Front table / Rear table / Front ceiling / Rear ceiling / Upward & Downward
Adjustable Feet	Front: 2, Rear: 1
INPUT SIGNALS	
Scanning Frequency	H: 15.62 – 91.15 kHz, V: 24 – 85.06 Hz
Analog PC Input	WUXGA / WSXGA+ / UXGA / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA
Digital PC Input	WUXGA / WSXGA+ / UXGA / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA
Digital Video Input	1080p / 1080i / 720p / 576p / 480p
Component Video Input	1080p / 1080i / 720p / 576p / 480p / 576i / 480i
Dot Clock	157.5 MHz
LAMP	
Type	Super-high Pressure Lamp (x2)
Life	2000 Hours (Normal) / 4000 Hours (Eco)
Lamp Power <sup>1</sup>	350 / 280W (x2)

## DIMENSIONS



## CONNECTABILITY



## WHAT'S IN THE BOX

- Projector
- Dust Cap
- Power Cord
- Color Wheel BRT (Brightness priority)<sup>5</sup>
- Color Wheel COL (Color priority)<sup>6</sup>
- VGA to VGA Connection Cable (Mini Dsub15-Mini Dsub15)
- Projector Remote Control LX-RC01 (includes two AA batteries)
- Anti-theft Screw for Lens
- Important Information (book)
- User's Manual (CD-ROM)
- Warranty Card

<sup>1</sup> Lamp Mode is Normal/Eco <sup>2</sup> When using Standard Zoom Lens LX-IL03ST <sup>3</sup> When 6 Segment-BRT color wheel is installed (gives priority to brightness) <sup>4</sup> Standby mode is Network/Eco <sup>5</sup> Excluding lens <sup>6</sup> 6 Segment-BRT color wheel is optimized for brightness and preinstalled. Use the optional, bundled 6 Segment-COL color wheel for optimal color. <sup>7</sup> Indicates focus ability range in the chart. Optical feature guaranteed range is: 50 – 300" <sup>8</sup> Calculated value for 80" image

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TERMINALS	
Dsub15 (Computer-1)	Analog PC / Component Video Input
5BNC (Computer-2)	Analog PC / Component Video Input
DVI-D	Digital PC / Digital Video Input
HDMI	Digital PC / Digital Video Input
DisplayPort	Digital PC / Digital Video Input
RJ-45	HDBaseT™ Input / Network Connection (100BASE-TX / 10BASE-T)
Dsub15 (Monitor-out)	Image Output
Dsub9 (Control)	RS-232 Connection
USB Mini B	Service Port
3D Sync Out	For 3D Display
Mini Jack (Trigger)	For Picture Control
Mini Jack (Remote)	Wired Remote Control Connection
REMOTE CONTROL	
Wireless Remote	IR
RATINGS	
Fan Noise <sup>1</sup>	Dual Lamp: 41 / 36dB, Single Lamp: 38 / 35dB
Power Consumption <sup>1</sup>	Dual Lamp: 850 / 680W, Single Lamp: 440 / 370W
Standby Power <sup>4</sup>	6.0 / 0.5W
Heat Dissipation	Up to 2,901 BTU/h
Power Voltage	AC 100 – 240V, 50 / 60 Hz
Operating Temperature	40°F – 104°F
Dimensions (W x H x D)	19.8" x 8.7" x 20.8" / 504mm x 221mm x 529mm (including adjustable legs)
Weight <sup>5</sup>	45.2 lbs.
Projector Warranty	3 Years (parts and labor)
Lamp Warranty	120 Days

## OPTIONAL LENSES

	PROJECTION LENS	LENS SHIFT	FOCUS	SCREEN SIZE <sup>7</sup>	THROW RATIO <sup>8</sup>	ZOOM RATIO
Ultra Wide Zoom Lens LX-IL01UW ITEM CODE: 0951C001	F1.96 – 2.3 f= 11.3 – 14.1mm	V: 0 – 50% H: ±6.7%	Powered	40 – 500"	0.75 – 0.93:1	1.25x
Wide Zoom Lens LX-IL02WZ ITEM CODE: 0947C001	F1.85 – 2.5 f= 18.7 – 26.5mm	V: 0 – 50% H: ±10%	Powered	40 – 500"	1.25 – 1.79:1	1.41x
Standard Zoom Lens LX-IL03ST ITEM CODE: 0948C001	F1.7 – 1.9 f= 26 – 34mm	V: 0 – 50% H: ±10%	Powered	40 – 500"	1.73 – 2.27:1	1.3x
Middle Zoom Lens LX-IL04MZ ITEM CODE: 0949C001	F1.86 – 2.48 f= 32.9 – 54.2mm	V: 0 – 50% H: ±10%	Powered	40 – 500"	2.22 – 3.67:1	1.65x
Long Zoom Lens LX-IL05LZ ITEM CODE: 0944C001	F1.85 – 2.41 f= 52.9 – 79.1mm	V: 0 – 50% H: ±10%	Powered	40 – 500"	3.58 – 5.38:1	1.5x
Ultra Long Zoom Lens LX-IL06UL ITEM CODE: 0945C001	F1.85 – 2.48 f= 78.5 – 121.9mm	V: 0 – 50% H: ±10%	Powered	40 – 500"	5.31 – 8.26:1	1.55x
Short Fixed Lens LX-IL07WF ITEM CODE: 0946C001	F1.85 f= 11.6mm	V: 0% H: 0%	Powered	40 – 500"	0.76:1	Fixed
Wide Zoom Lens LX-IL08WZ ITEM CODE: 1787C001	F2.11 – 2.37 f= 15.73 – 23.59mm	V: 0 – 50% H: ±10%	Powered	40 – 500"	1.07 – 1.61:1	1.5x

## ACCESSORIES

ITEM	ITEM CODE
Ceiling Mount Adapter RS-CL15	0964C001
Projector Remote Control LX-RC01	0954C001
Replacement Lamp LX-LP01	0953C001
Replacement Air Filter LX-FL01	0950C001