



**Model Name** **MX819ST Digital Projector**

**Unique selling point**

- \* SmartEco Power Saving Technology
- \* 0.61 Short Throw Ratio
- \* Designed for Education & IWB
- \* Crestron eControl, RoomView, PJ Link & AMX LAN Control Compat
- \* Blu-ray Full HD 3D support
- \* PointWrite Interactive Solution Compatible

**Trade Mark**



<b>Projection System</b>	DLP	
<b>Native Resolution</b>	XGA(1024X768)	
<b>Brightness</b>	3000AL	
<b>Contrast Ratio</b>	13000:1	
<b>Display Color</b>	1.07 Billion Colors	
<b>Lens</b>	F=2.6 f=6.9mm	
<b>Aspect Ratio</b>	Native 4:3 (5 aspect ratio selectable)	
<b>Throw Ratio</b>	0.61 (78"@0.96m)	
<b>Image Size (Diagonal)</b>	60"~300"	
<b>Zoom Ratio</b>	Fixed	
<b>Lamp Type</b>	190W	
<b>Lamp Mode (Normal/Economic/SmartEco ImageCare/ SmartEco LampCare)</b>	4500/6000/6500/10000 hours	
<b>Keystone Adjustment</b>	1D, Vertical +/- 30 degrees	
<b>Projection Offset</b>	130% ±5%	
<b>Resolution Support</b>	VGA(640 x 480) to WUXGA_RB (1920 x 1200) *RB = Reduced blanking	
<b>Horizontal Frequency</b>	15~102KHz	
<b>Vertical Scan Rate</b>	23~120Hz	
<b>Compatibility</b>	HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	Video Compatibility	NTSC, PAL, SECAM
	3D Compatibility	Frame Sequential: Up to 480i
	(Please refer to User's Manual for detailed support timing.)	Frame Packing: Up to 24 Hz 1080p Side by Side: Up to 60Hz 1080i Top Bottom: Up to 24Hz 1080p
<b>Interface</b>	Computer in (D-sub 15pin)	x 2 (Share with component)
	Monitor out (D-sub 15pin)	x 1
	Composite Video in (RCA)	x 1
	S-Video in (Mini DIN 4pin)	x 1
	HDMI	x 1
	Audio in (Mini Jack)	x 2
	Audio out (Mini Jack)	x 1
	Audio L/R in (RCA)	x 1
	Speaker	x 1 (10W)
	USB (Type Mini B)	x 1 (Download & page/down)
	RS232 (DB-9pin)	x 1
	LAN (RJ45)	x 1
<b>Dimensions</b>	Dimensions(W x H x D)	287.3 x 114.4 x 232.6mm
	Weight	2.6kg(5.73bs)
<b>Power</b>	Power Supply	AC100 to 240 V, 50 to 60 Hz
	Power Consumption	270W(typical), Standby<0.5W
<b>Audible Noise</b>	32/28 dBA (Normal/Economic mode)	
<b>On-Screen Display Languages</b>	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese (28 Languages)	
<b>Picture Modes</b>	Dynamic/Presentation/sRGB/Cinema/(3D)/User 1/User 2	
<b>Accessories</b>	<b>Standard</b>	<b>Optional</b>
	Lens Cover	PointWrite
	Remote Control w/ Battery	Spare Lamp Kit
	Power Cord (by region)	Ceiling Mount
	User Manual CD	Wall Mount
	Quick Start Guide	Carry bag
	Warranty Card (by region)	
	VGA(D-sub 15pin) Cable	

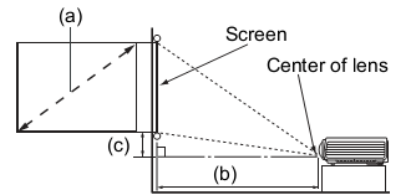
\*Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

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## Distance Chart

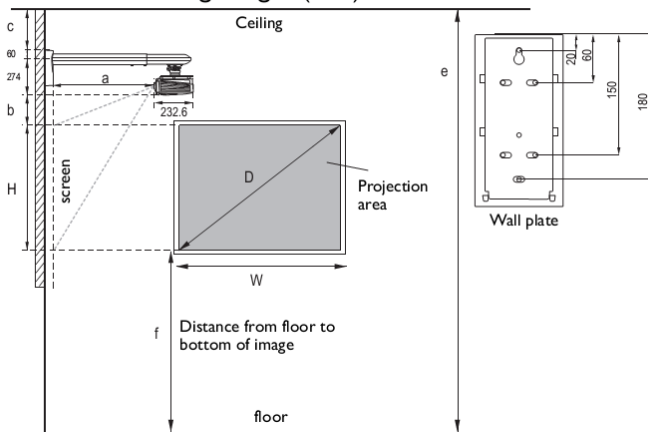
The screen aspect ratio is 4:3 and the projected picture is 4:3

(a) Screen size				(b) Distance from screen (mm)	(c) Vertical offset (mm)
Diagonal		Height	Width		
Inches	mm	(mm)	(mm)		
80	2032	1219	1626	988	183
100	2540	1524	2032	1235	229
120	3048	1829	2438	1481	274
150	3810	2286	3048	1852	343
180	4572	2743	3658	2222	411
200	5080	3048	4064	2469	457
220	5588	3353	4470	2716	503
240	6096	3658	4877	2963	549
270	6858	4115	5486	3333	617
300	7620	4572	6096	3704	686



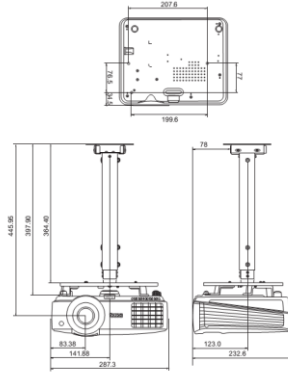
## Wall mount/Ceiling mount Chart

$$\text{Minimum Ceiling Height (mm)} = f + H + b + 60 + 274 + c$$



### Ceiling mount installation

Ceiling Mount screw: M4  
(Max L = 25 mm; Min L = 20 mm)



Unit: mm

## Dimension

