

DIGITAL  
PROJECTOR

# MX819ST

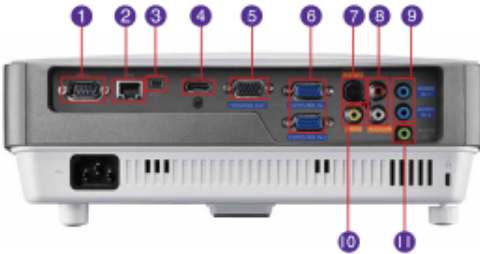


## Features

- Native XGA (1024 x 768) Resolution
- 3,000 ANSI Lumens, 13,000:1 Contrast Ratio
- SmartEco™ Power Saving Technology
- 0.61 Short Throw Ratio
- LAN Control; HDMI, 10W Speaker



## Input and Output Terminals



- |                             |                                   |
|-----------------------------|-----------------------------------|
| 1 RS232 (DB-9pin)           | 6 Computer In 1 & 2 (D-sub 15pin) |
| 2 LAN (RJ45)                | 7 S-Video In (Mini DIN 4pin)      |
| 3 USB (Type Mini B)         | 8 Audio In L/R (RCA)              |
| 4 HDMI                      | 9 Audio In 1 & 2 (Mini Jack)      |
| 5 Monitor Out (D-sub 15pin) | 10 Composite Video In (RCA)       |
|                             | 11 Audio Out (Mini Jack)          |

## Specifications

Projection System	DLP®
Native Resolution	XGA(1024X768)
Brightness	3,000AL
Contrast Ratio	13,000:1
Display Color	1.07 Billion Colors
Lens	F=2.6 f=6.9mm
Aspect Ratio	Native 4:3 (5 aspect ratio selectable)
Throw Ratio	0.61 (78"@0.96m)
Image Size (Diagonal)	60"~130"
Zoom Ratio	Fixed
Lamp Type	190W
Lamp Life	4,500/6,000/6,500/10,000 hours
Keystone Adjustment	1D, Vertical +/- 30 degrees
Projection Offset	130% ±5%
Resolution Support	VGA(640 x 480) to UXGA(1600 x 1200)
Horizontal Frequency	15~102KHz
Vertical Scan Rate	23~120Hz
Compatibility	HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p Video Compatibility: NTSC, PAL, SECAM 3D Compatibility: Frame Sequential: Up to 480i Frame Packing: Up to 24 Hz 1080p Side by Side: Up to 60Hz 1080i Top Bottom: Up to 24Hz 1080p
Interface	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
Dimensions (WxHxD)	11.31" x 4.5" x 9.15" (287.3 x 114.4 x 232.6 mm)
Weight	5.73 lbs (2.6 kg)
Power Supply	AC100 to 240 V, 50 to 60 Hz
Power Consumption	270W(typical), Standby<0.5W
Audible Noise	32/28 dBA (Normal/Economic mode)
On-Screen Display Languages	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)
Picture Modes	Dynamic/Presentation/sRGB/Cinema/(3D)/User 1/User 2
Accessories (Standard)	Lens Cover, Remote Control w/ Battery, Power Cord, User Manual CD, Quick Start Guide, Warranty Card, VGA(D-sub 15pin) Cable
Accessories (Optional)	Spare Lamp Kit P/N: 5J.J9A05.001 Ceiling Mount P/N: 5J.J4N10.001 3D GlassesP/N: P/N: 5J.J7K25.001 Wall Mount P/N: 5J.J4R10.011 Carry bag P/N: 5J.J3T09.001
UPC Code / Part #	8400460-2801-5 / 9H.J7477.15A
Limited Warranty	3-Year Parts & Labor / 1-Year or 2000 hours of lamp life

\*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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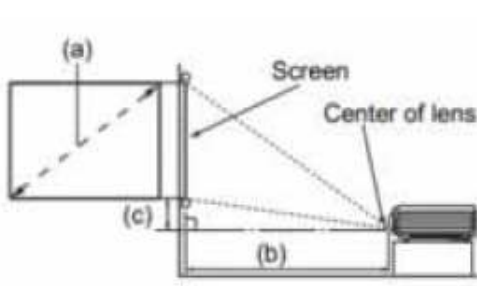
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## Distance Chart

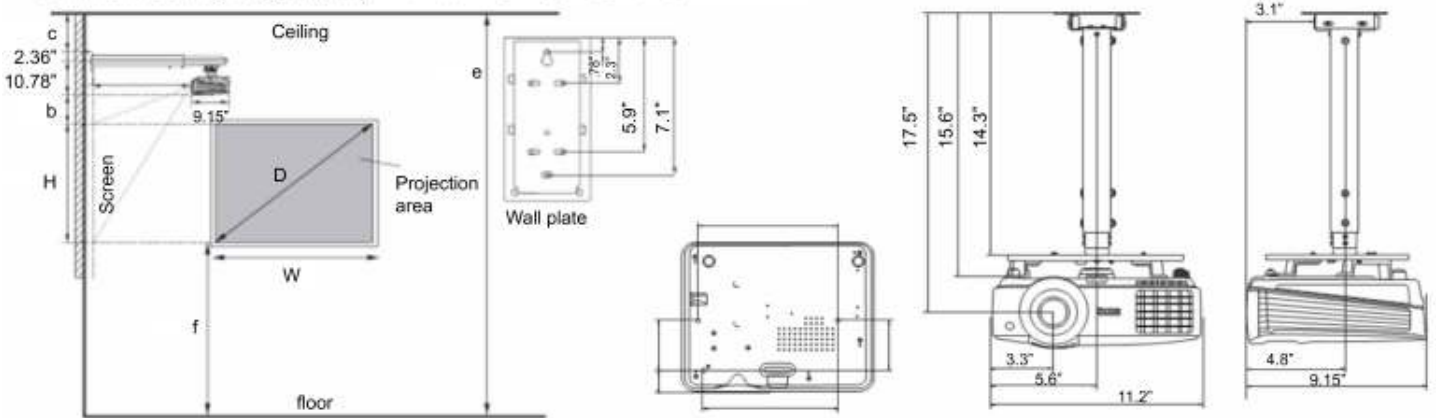
The screen aspect ratio is 4:3 and the projected picture is 4:3



(a) Screen Size				(b) Distance from screen (inch)	(c) Vertical offset (inch)
Diagonal		W (inch)	H (inch)		
Inch	mm				
80	2032	48	64	38.8	7.2
100	2540	60	80	48.6	9.01
120	3048	72	96	58.3	10.7
150	3810	90	120	72.9	13.5
180	4572	108	144	87.4	16.2
200	5080	120	160	97.2	17.9
220	5588	132	176	106.9	19.8
240	6096	144	192	116.6	21.6
270	6858	162	216	131.2	24.2
300	7620	180	240	145.8	27.0

## Wall Mount Chart

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



Unit: inch

## Dimensions

