

DIGITAL  
PROJECTOR

# MX819ST

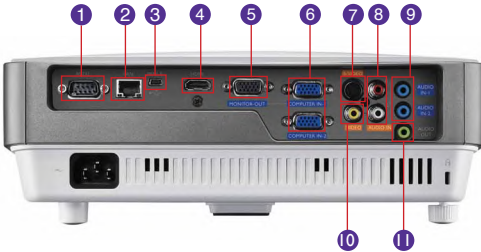


## Features

- 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)
- 2 LAN (RJ45)
- 3 USB (Type Mini B)
- 4 HDMI
- 5 Monitor Out (D-sub 15pin)
- 6 Computer In 1 & 2 (D-sub 15pin)
- 7 S-Video In (Mini DIN 4pin)
- 8 Audio In L/R (RCA)
- 9 Audio In 1 & 2 (Mini Jack)
- 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<br>Video Compatibility: NTSC, PAL, SECAM<br>3D Compatibility: Frame Sequential: Up to 480i<br>Frame Packing: Up to 24 Hz 1080p<br>Side by Side: Up to 60Hz 1080i<br>Top Bottom: Up to 24Hz 1080p   |
| Interface                   | Computer in (D-sub 15pin) x 2(Share with component)<br>Monitor out (D-sub 15pin) x 1<br>Composite Video in (RCA) x 1<br>S-Video in (Mini DIN 4pin) x 1<br>HDMI x 1<br>Audio in (Mini Jack) x 2<br>Audio out (Mini Jack) x 1<br>Audio L/R in (RCA) x 1<br>Speaker x 1 (10W)<br>USB (Type Mini B) x 1 (Download & page/down)<br>RS232 (DB-9pin) x 1<br>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<br>Ceiling Mount P/N: 5J.J4N10.001<br>3D GlassesP/N: 5J.J7K25.001<br>Wall Mount P/N: 5J.J4R10.011<br>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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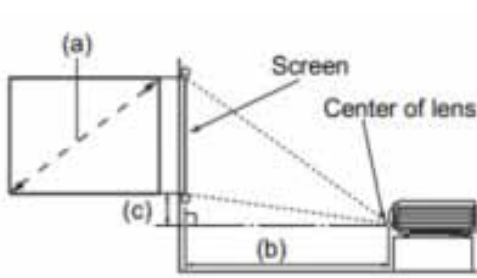


Enjoyment Matters

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## Distance Chart

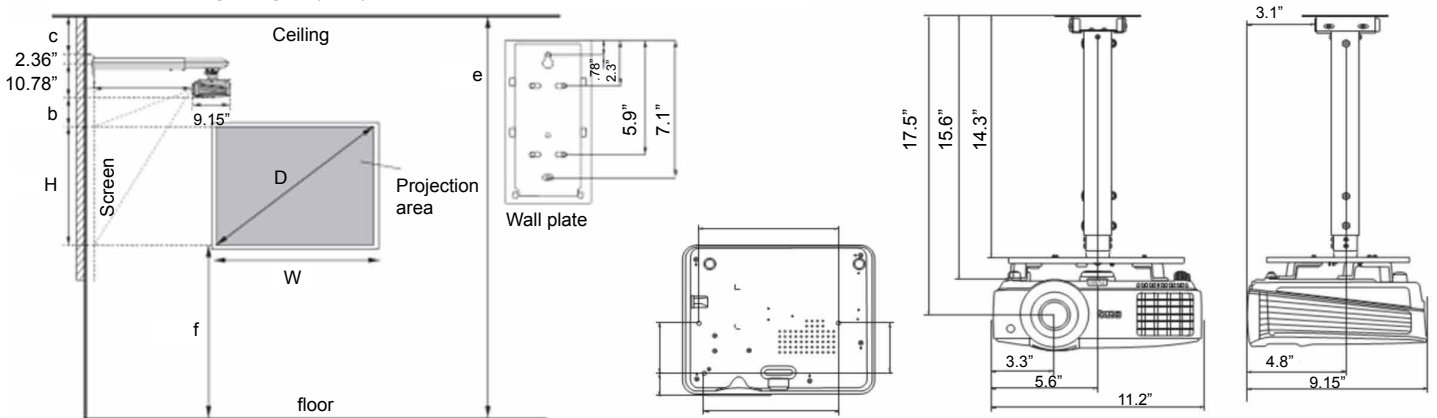
The screen aspect ratio is 4:3 and the projected picture is 4:3



| (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                       |

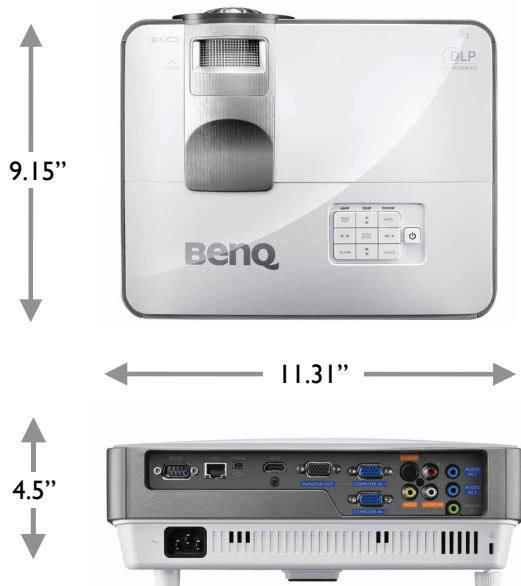
## Wall Mount Chart

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



Unit: inch

## Dimensions



**Touchboards**

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