

DIGITAL  
PROJECTOR

# MX768

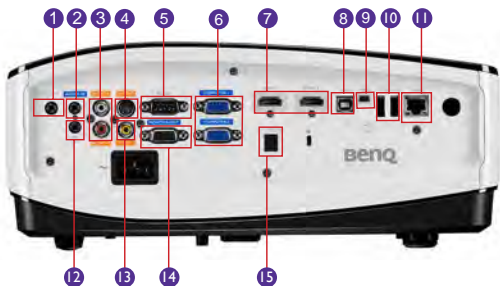


## Features

- Native XGA (1024 x 768) Resolution
- 4,000 ANSI Lumens, 13,000:1 High Contrast Ratio
- SmartEco™ Power Saving Technology
- Full 3D Ready and nVidia 3DTV Play
- Big Zoom Ratio: 1.6x
- Full LAN & Wireless Display



## Input and Output Terminals



- |                                   |                              |
|-----------------------------------|------------------------------|
| 1 Audio out (Mini Jack)           | 9 USB (Type Mini B)          |
| 2 Audio in (Mini Jack)            | 10 USB (Type A) x 2          |
| 3 Audio in (L/R)                  | 11 LAN                       |
| 4 S-Video In (Mini DIN 4pin)      | 12 Microphone in (Mini jack) |
| 5 RS232 (DB-9pin)                 | 13 Composite Video in (RCA)  |
| 6 Computer in 1 & 2 (D-sub 15pin) | 14 Monitor Out (D-sub 15pin) |
| 7 HDMI x 2                        | 15 DC 12V Trigger            |
| 8 USB (Type B)                    |                              |



## Specifications

|                              |   |
|------------------------------|---|
| Projection System            | DLP®  |
| Native Resolution            | XGA (1024x768)  |
| Brightness                   | 4000 ANSI Lumen   |
| Contrast Ratio               | 13000:1   |
| Display Color                | 1.07 Billion Colors   |
| Lens                         | F=2.58~3.24, f=15.94~25.5mm   |
| Aspect Ratio                 | Native 4:3 (5 aspect ratio selectable)  |
| Throw Ratio                  | 1.39~2.26   |
| Image Size (Diagonal)        | 33" ~ 300"  |
| Zoom Ratio                   | 1.6x  |
| Lamp Type                    | 310W  |
| Lamp (Normal/Economic Mode)* | 2500/3000/3500 hours  |
| Keystone Adjustment          | 2D, V +/- 30 degree, H +/- 25 degree  |
| Projection Offset            | Vertical: 130% ±5%  |
| Resolution Support           | VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB = Reduced blanking  |
| Horizontal Frequency         | 15K-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 60Hz 720p<br>Frame Packing: Up to 24 Hz 1080p<br>Side by Side: Up to 24Hz 1080p<br>Top Bottom: Up to 60Hz 1080p   |
| Interface                    | Computer in (D-sub 15pin) x 2<br>HDMI x 2<br>Monitor out x 1<br>Composite Video in (RCA) x 1<br>S-Video in x 1<br>Audio in (Mini Jack) x 1<br>Audio in (L/R) x 1<br>Microphone in (Mini jack) x 1<br>Audio out (Mini Jack) x 1<br>Speaker 20W x 1<br>LAN (RJ-45) x 1<br>USB (Type A) x 2<br>USB (Type B) x 1<br>USB (Type Mini B) x 1<br>DC 12V Trigger (3.5mm Jack) x 1<br>RS232 (DB-9pin) x 1<br>IR Receiver x 2 (Front + Rear) |
| Dimensions (WxHxD)           | 12.9" x 5.4" x 10.1"  |
| Weight                       | 8.6 lbs (3.9 Kg)  |
| Power Supply                 | AC100 to 240V, 4.2A, 50 to 60 Hz  |
| Power Consumption            | 400W(Normal), 340W(Eco), Standby<0.5W   |
| Audible Noise                | 36/34 dBA (Normal/Economic mode)  |
| Languages                    | Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/<br>French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/<br>Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/<br>Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai/<br>Traditional Chinese (28 Languages)  |
| Picture Mode                 | Dynamic/Presentation/sRGB/Cinema/(3D)/User 1/User 2   |
| Accessories (Standard)       | Remote Control w/ Battery, Power Cord, User Manual CD, QSG,<br>Warranty Card, VGA Cable, Lens Cover, Carry Bag  |
| Accessories (Optional)       | Spare Lamp Kit P/N: 5J.J6R05.001<br>Ceiling Mount Kit P/N: 5J.J4N10.001<br>Remote P/N: 5J.JA606.001<br>Wireless Dongle WDRT8192 P/N:5J.J3F28.A01  |
| UPC / Part #                 | 8400460-2894-7 / 9H.JA977.34A   |
| Limited Warranty             | 3 Years Parts/Labor or 2,000 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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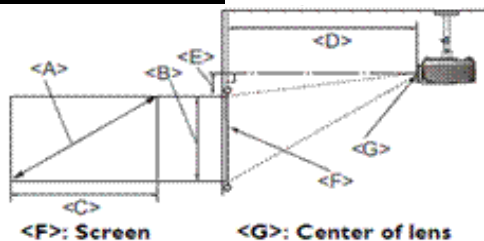


Because it matters

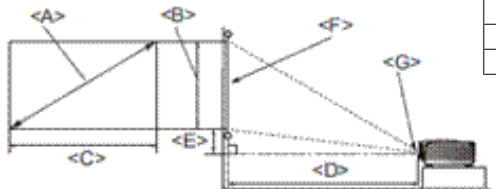
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## Distance Chart

### Ceiling Installation



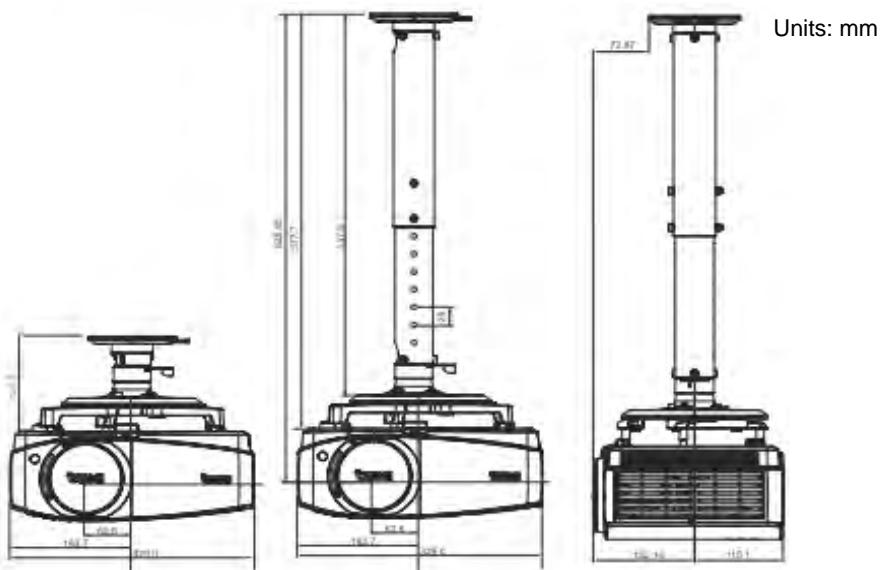
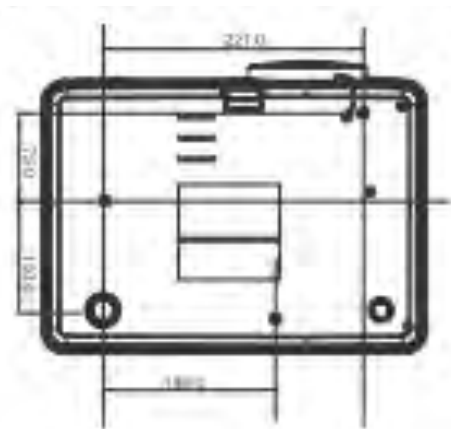
### Floor Installation



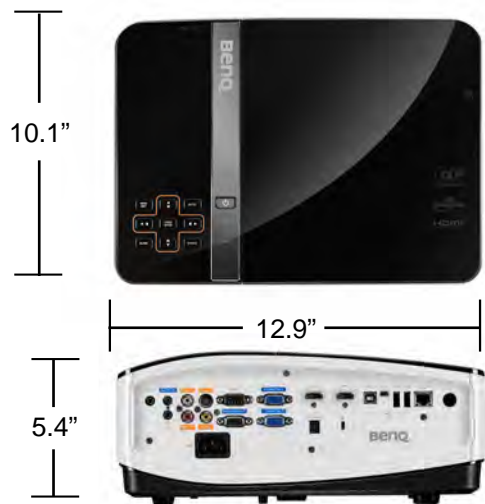
| Image Size |       |        |            | Distance from Screen (mm) |            |             | Offset (mm) |
|------------|-------|--------|------------|---------------------------|------------|-------------|-------------|
| Diagonal   | Width | Height | Min Length | Average                   | Max Length |             |             |
| Inch       | mm    | (mm)   | (mm)       | (max. zoom)               |            | (min. zoom) |             |
| 30         | 762   | 24     | 18         | 33.3                      | 43.8       | 54.2        | 2.7         |
| 40         | 1016  | 32     | 24         | 44.4                      | 58.3       | 72.3        | 3.5         |
| 60         | 1524  | 48     | 36         | 66.7                      | 87.5       | 108.4       | 5.3         |
| 80         | 2032  | 64     | 48         | 98.3                      | 122.7      | 147.2       | 5.3         |
| 100        | 2540  | 85     | 53         | 122.9                     | 153.5      | 184.0       | 6.6         |
| 120        | 3048  | 96     | 72         | 133.4                     | 175.2      | 216.9       | 10.7        |
| 150        | 3810  | 120    | 90         | 166.8                     | 217.9      | 271.1       | 13.5        |
| 200        | 5080  | 160    | 120        | 222.4                     | 292.0      | 361.6       | 17.9        |
| 250        | 6350  | 200    | 150        | 277.9                     | 365.0      | 452.0       | 22.5        |
| 300        | 7620  | 240    | 180        | 333.5                     | 437.9      | 542.4       | 27.0        |

## Ceiling Mount Chart

Ceiling Mount Screws: M4  
(Max. L = 25 mm; Min L + 20mm )



## Dimensions



Units: inch



Because it matters