

DIGITAL  
PROJECTOR

# MX520

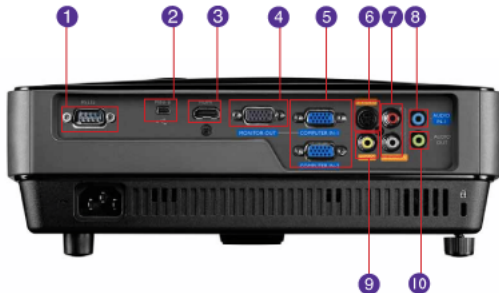


## Features

- XGA Native Resolution (1024x768)
- 3000 Ansi Lumens High Brightness
- 13,000 Contrast Ratio, Instant Restart
- SmartEco™ Power Saving Technology
- Various 3D Format Support Entertainment



## Input and Output Terminals



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

## Specifications

|                                   |                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Projection System                 | DLP®                                                                                                                                                                                                                                                                                                                                                                              |
| Native Resolution                 | XGA(1024 x 768)                                                                                                                                                                                                                                                                                                                                                                   |
| Brightness                        | 3000 ANSI Lumens                                                                                                                                                                                                                                                                                                                                                                  |
| Contrast Ratio                    | 13000:1                                                                                                                                                                                                                                                                                                                                                                           |
| Display Color                     | 1.07 Billion Colors                                                                                                                                                                                                                                                                                                                                                               |
| Lens                              | F2.56-2.8, f=21-23.1mm                                                                                                                                                                                                                                                                                                                                                            |
| Aspect Ratio                      | Native 4:3 (5 aspect ratio selectable)                                                                                                                                                                                                                                                                                                                                            |
| Throw Ratio                       | 1.86-2.04 ( 53" @ 2m )                                                                                                                                                                                                                                                                                                                                                            |
| Image Size (Diagonal)             | 40"-300"                                                                                                                                                                                                                                                                                                                                                                          |
| Zoom Ratio                        | 1.1:1                                                                                                                                                                                                                                                                                                                                                                             |
| Lamp Type                         | 210W                                                                                                                                                                                                                                                                                                                                                                              |
| Lamp Life (NorEco/Smart Eco Mode) | 4000/5000/6500 hours                                                                                                                                                                                                                                                                                                                                                              |
| Keystone Adjustment               | 1D, Vertical +/- 40 degrees                                                                                                                                                                                                                                                                                                                                                       |
| Projection Offset                 | 120% ±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                                                                                                                                                                                                                                                                           |
| Interface                         | Computer in (D-sub 15pin) x 2 (shared with Component video)<br>Monitor out (D-sub 15pin) x 1<br>HDMI x 1<br>Composite Video in (RCA) x 1<br>S-Video in (Mini DIN 4pin) x 1<br>Audio in (Mini Jack) x 1<br>Audio L/R in (RCA) x 1<br>Audio out (Mini Jack) x 1<br>Speaker 2W x 1<br>USB (Type mini B) x 1 (Download & page/down)<br>RS232 (DB-9pin) x 1<br>IR Receiver x 1 (Front) |
| Dimensions (WxHxD)                | 11.31 x 4.5 x 9.15 inches (287.3 x 114.4 x 232.6 mm)                                                                                                                                                                                                                                                                                                                              |
| Weight                            | 5.28lbs (2.4kg)                                                                                                                                                                                                                                                                                                                                                                   |
| Power Supply                      | AC 100 to 240 V, 50 to 60 Hz                                                                                                                                                                                                                                                                                                                                                      |
| Power Consumption                 | 293W (typical), Standby<0.5W                                                                                                                                                                                                                                                                                                                                                      |
| Audible Noise                     | 33/28 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 Mode                      | 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 5J.J6V05.001<br>Ceiling Mount 5J.J4N10.001<br>3D Glasses 5J.J7K25.001<br>Carry bag 5J.J3T09.001                                                                                                                                                                                                                                                                    |
| UPC code                          | 8400460-2489-5                                                                                                                                                                                                                                                                                                                                                                    |
| Limited Warranty                  | 1 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.



BenQ America Corp.

15375 Barranca Parkway, Suite A-205, Irvine, CA 92618 Tel: (949) 255-9500 www.BenQ.us

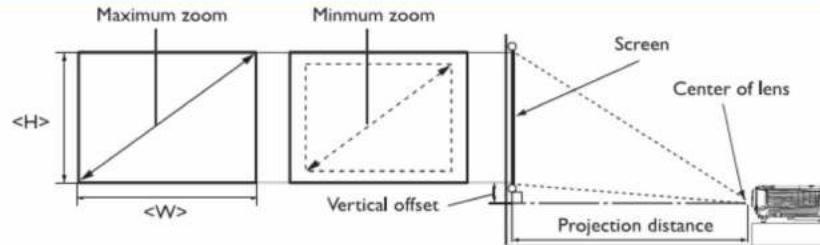
BenQ is a registered trademark of BenQ Corp. DLP is a registered trademark of Texas Instruments. All rights reserved.  
Product names, logos, brands, and other trademarks featured or referred to in this materials are the property of their respective trademark holders.  
Specifications subject to change without notice.

MX520 12-11-12-BQus



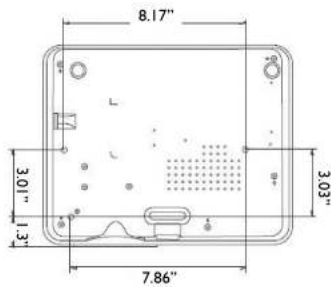
# MX520 Digital Projector

## Distance Chart

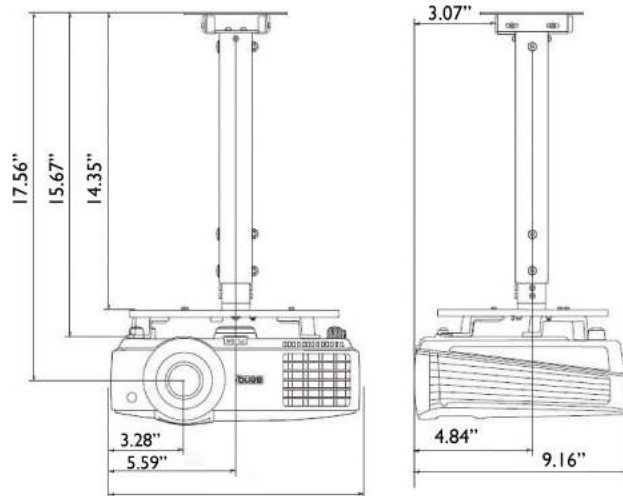


| Screen Size |      |        |        | Projection distance (inch) |         |              | Vertical offset (inch) |
|-------------|------|--------|--------|----------------------------|---------|--------------|------------------------|
| Diagonal    |      | W inch | H inch | Max distance               | Average | Max distance |                        |
| Inch        | mm   |        |        | (Max zoom)                 |         | (Min zoom)   |                        |
| 30          | 762  | 24     | 18     | 44.57                      | 46.81   | 49.02        | 1.81                   |
| 40          | 1016 | 32     | 24     | 59.40                      | 62.40   | 65.35        | 2.4                    |
| 50          | 1270 | 40     | 30     | 74.29                      | 78.00   | 81.69        | 2.9                    |
| 60          | 1524 | 48     | 36     | 89.13                      | 93.58   | 98.07        | 3.5                    |
| 80          | 2032 | 64     | 48     | 118.86                     | 124.80  | 130.75       | 4.8                    |
| 100         | 2540 | 80     | 60     | 148.58                     | 155.98  | 163.43       | 5.9                    |
| 120         | 3048 | 96     | 72     | 178.27                     | 187.20  | 196.10       | 7.2                    |
| 150         | 3810 | 120    | 90     | 222.83                     | 233.98  | 245.12       | 9.0                    |
| 200         | 5080 | 160    | 120    | 297.13                     | 312.01  | 326.85       | 12.0                   |
| 220         | 5588 | 176    | 132    | 326.85                     | 343.19  | 359.53       | 13.1                   |
| 250         | 6350 | 200    | 150    | 371.42                     | 390.00  | 408.54       | 15.0                   |
| 300         | 7620 | 240    | 180    | 445.71                     | 467.99  | 490.28       | 17.9                   |

## Ceiling Mount Chart



Ceiling Mount screw: M4 x 8  
(Max L = 8mm)



Units: inch

## Dimensions



Units: inch



**Touchboards**

205 Westwood Ave, Long Branch, NJ 07740  
Phone: 866-94 BOARDS (26273) / (732)-222-1511  
Fax: (732)-222-7088 | E-mail: sales@touchboards.com

