

# BenQ MS500H Digital Projector

## Highlights

- Long Lamp Life
- High Contrast Ratio
- BrilliantColor™
- 3D Ready

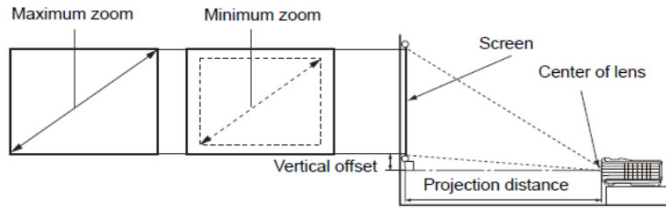


|                              |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                              |                  |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Projection System            | DLP                                                                                                                                                                                                                                                                                            |                                                                                                                                                                              |                  |
| Native Resolution            | SVGA(800 x 600)                                                                                                                                                                                                                                                                                |                                                                                                                                                                              |                  |
| Brightness                   | 2700 ANSI lumens                                                                                                                                                                                                                                                                               |                                                                                                                                                                              |                  |
| Contrast Ratio               | 13000:1                                                                                                                                                                                                                                                                                        |                                                                                                                                                                              |                  |
| Display Color                | 1.07 Billion Colors                                                                                                                                                                                                                                                                            |                                                                                                                                                                              |                  |
| Lens                         | F=2.57-2.65, 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                   | 1.1x                                                                                                                                                                                                                                                                                           |                                                                                                                                                                              |                  |
| Lamp Type                    | 190W                                                                                                                                                                                                                                                                                           |                                                                                                                                                                              |                  |
| Lamp (Normal/Economic Mode)* | 4500/6000 hours                                                                                                                                                                                                                                                                                |                                                                                                                                                                              |                  |
| Keystone Adjustment          | 1D, Vertical +/- 40 degrees                                                                                                                                                                                                                                                                    |                                                                                                                                                                              |                  |
| Projection Offset            | 120%                                                                                                                                                                                                                                                                                           |                                                                                                                                                                              |                  |
| Resolution Support           | VGA(640 x 480) to UXGA(1600 x 1200)                                                                                                                                                                                                                                                            |                                                                                                                                                                              |                  |
| Horizontal Frequency         | 31K~102KHz                                                                                                                                                                                                                                                                                     |                                                                                                                                                                              |                  |
| Vertical Scan Rate           | 23~120Hz                                                                                                                                                                                                                                                                                       |                                                                                                                                                                              |                  |
| Compatibility                | HDTV Compatibility                                                                                                                                                                                                                                                                             | 480i, 480p, 576i, 576p, 720p, 1080i, 1080p                                                                                                                                   |                  |
|                              | Video Compatibility                                                                                                                                                                                                                                                                            | NTSC, PAL, SECAM                                                                                                                                                             |                  |
|                              | 3D Compatibility                                                                                                                                                                                                                                                                               | PC: 120Hz Frame Sequential 3D for resolutions up to WXGA<br>PC: 60Hz Top-bottom 3D for resolutions up to SXGA+<br>Video: 60Hz Frame Sequential 3D for resolutions up to 480i |                  |
| Interface                    | Computer in (D-sub 15pin)                                                                                                                                                                                                                                                                      | x 2                                                                                                                                                                          |                  |
|                              | Monitor out (D-sub 15pin)                                                                                                                                                                                                                                                                      | x 1                                                                                                                                                                          |                  |
|                              | HDMI (v1.3)                                                                                                                                                                                                                                                                                    | x 1                                                                                                                                                                          |                  |
|                              | Composite Video in (RCA)                                                                                                                                                                                                                                                                       | x 1                                                                                                                                                                          |                  |
|                              | S-Video in (Mini DIN 4pin)                                                                                                                                                                                                                                                                     | x 1                                                                                                                                                                          |                  |
|                              | Audio in (Mini Jack)                                                                                                                                                                                                                                                                           | x 2                                                                                                                                                                          |                  |
|                              | Audio L/R in (RCA)                                                                                                                                                                                                                                                                             | x 1                                                                                                                                                                          |                  |
|                              | Audio out (Mini Jack)                                                                                                                                                                                                                                                                          | x 1                                                                                                                                                                          |                  |
|                              | Speaker                                                                                                                                                                                                                                                                                        | 2W x 1                                                                                                                                                                       |                  |
|                              | USB (Type Mini B)                                                                                                                                                                                                                                                                              | x 1                                                                                                                                                                          |                  |
|                              | RS232 (DB-9pin)                                                                                                                                                                                                                                                                                | x 1                                                                                                                                                                          |                  |
| Dimensions                   | Dimensions(W x H x D)                                                                                                                                                                                                                                                                          | 287.3x104.4x 232.6 mm                                                                                                                                                        |                  |
|                              | Weight                                                                                                                                                                                                                                                                                         | 2.5 kg (5.51lbs)                                                                                                                                                             |                  |
| Power                        | Power Supply                                                                                                                                                                                                                                                                                   | AC 100 to 240 V, 50/60 Hz                                                                                                                                                    |                  |
|                              | Power Consumption                                                                                                                                                                                                                                                                              | 265W, Standby<1W                                                                                                                                                             |                  |
| Audible Noise                | 30/26 dBA (Normal/Economic mode)                                                                                                                                                                                                                                                               |                                                                                                                                                                              |                  |
| On-Screen Display Languages  | English/ France/ Germany/ Italian/ Spanish/ Russian/ Traditional Chinese/ Simplified Chinese/ Japanese/ Korean/ Swedish/ Dutch/ Turkish/ Czech/ Portuguese/ Thai/ Polish/ Hungarian/ Croatian/ Romanian/ Norwegian/ Danish/ Bulgaria/ Finnish/ Indonesian/ Greek/ Hindi/ Arabic (28 Languages) |                                                                                                                                                                              |                  |
| Picture Modes                | Dynamic/Presentation/sRGB/Cinema/User 1/User 2                                                                                                                                                                                                                                                 |                                                                                                                                                                              |                  |
| Accessories                  | Standard                                                                                                                                                                                                                                                                                       | Optional                                                                                                                                                                     |                  |
|                              | Remote Control w/ Battery                                                                                                                                                                                                                                                                      | Presentation Plus                                                                                                                                                            | P/N: 65J9306.002 |
|                              | Power Cord (by region)                                                                                                                                                                                                                                                                         | Spare Lamp Kit                                                                                                                                                               | P/N: 5JJ5R05.001 |
|                              | User Manual CD                                                                                                                                                                                                                                                                                 | 3D Glasses                                                                                                                                                                   | P/N: 5JJ0T14.011 |
|                              | Quick Start Guide                                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                  |
|                              | 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.

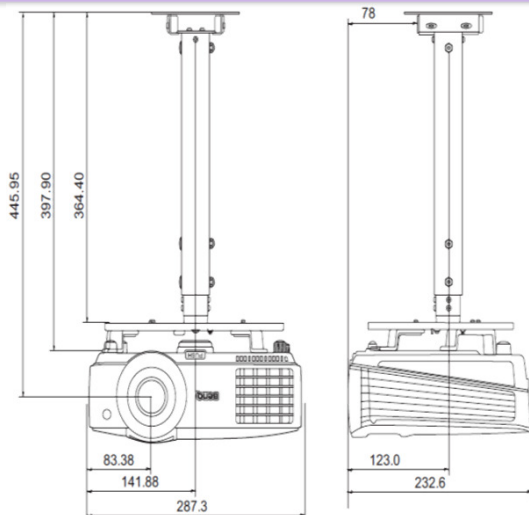
# MS500H Digital Projector

## Distance Chart

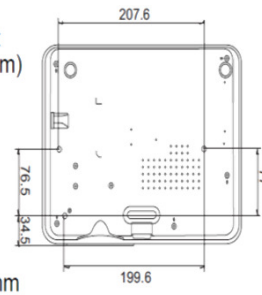


| Screen size |      |        |        | Distance from screen (mm) |         |             | Vertical offset (mm) |
|-------------|------|--------|--------|---------------------------|---------|-------------|----------------------|
| Diagonal    |      | W (mm) | H (mm) | Min length                | Average | Max length  |                      |
| Inch        | mm   |        |        | (max. zoom)               |         | (min. zoom) |                      |
| 40          | 1016 | 813    | 610    | 1509                      | 1585    | 1660        | 61                   |
| 50          | 1270 | 1016   | 762    | 1887                      | 1981    | 2075        | 76                   |
| 60          | 1524 | 1219   | 914    | 2264                      | 2377    | 2491        | 91                   |
| 80          | 2032 | 1626   | 1219   | 3019                      | 3170    | 3321        | 122                  |
| 100         | 2540 | 2032   | 1524   | 3774                      | 3962    | 4151        | 152                  |
| 120         | 3048 | 2438   | 1829   | 4528                      | 4755    | 4981        | 183                  |
| 150         | 3810 | 3048   | 2286   | 5660                      | 5943    | 6226        | 229                  |
| 200         | 5080 | 4064   | 3048   | 7547                      | 7925    | 8302        | 305                  |
| 220         | 5588 | 4470   | 3353   | 8302                      | 8717    | 9132        | 335                  |
| 250         | 6350 | 5080   | 3810   | 9434                      | 9906    | 10377       | 381                  |
| 300         | 7620 | 6096   | 4572   | 11321                     | 11887   | 12453       | 457                  |

## Ceiling mount Chart



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



Unit: mm

## Dimension



# BenQ