## Model Name

**MW824ST Digital Projector**

## Unique selling point

- MHL Compatible
- 0.52 Short Throw Ratio
- Blu-ray Full HD 3D support
- SmartEco Power Saving Technology
- PointWrite Interactive Solution Compatible
- Crestron eControl, RoomView, PJ Link & AMX LAN Control

## Trade Mark

| | | |
|---|---|---|
| **Projection System** | DLP | |
| **Native Resolution** | WXGA(1280X800) | |
| **Brightness** | 3200 ANSI Lumens | |
| **Contrast Ratio** | 13000:1 | |
| **Display Color** | 1.07 Billion Colors | |
| **Lens** | F= 2.8, f = 7.51mm | |
| **Aspect Ratio** | Native 16:10 (5 aspect ratio selectable) | |
| **Th□row Ratio** | 0.52 (95" @ 1m) | |
| **Image Size (Diagonal)** | Optimization 72"~152", Maximum 300" | |
| **Zoom Ratio** | Fixed | |
| **Lamp Type** | 210W | |
| **Lamp Mode (Normal / Economic / SmartEco / LampSave / LumenCare)** | 4000 hours /5000 hours /6500 hours /10000 hours / 2100 hours constant brightness | |
| **Keystone Adjustment** | 1D, Vertical +/- 30 degrees | |
| **Projection Offset** | 110%±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 (Please refer to User's Manual for detailed support timing.) | Frame Sequential: Up to 720p<br>Frame Packing: Up to 1080p<br>Side by Side: Up to 1080i/p<br>Top Bottom: Up to 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 (Share with MHL 1.2) |
| | 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 |
| | RS232 (DB-9pin) | x 1 |
| | LAN (RJ45) | x 1 |
| **Dimensions** | Dimensions(W x H x D) | 287.3 x 114.4 x 232.6mm (with feet)<br>287.3 x 100.3 x 232.6mm (without feet) |
| | Weight | 2.6kg(5.73bs) |
| **Power** | Power Supply | AC100 to 240 V, 50 to 60 Hz |
| | Power Consumption | Normal 270W, Eco 220W, 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** | **Optional** |
| | Lens Cover | PointWrite |
| | Remote Control w/ Battery | Spare Lamp Kit |
| | Power Cord (by region) | Ceilling Mount |
| | User Manual CD | Wall Mount |
| | Quick Start Guide | Carry bag |
| | Warranty Card (by region) | 3D Glasses |
| | VGA(D-sub 15pin) Cable | |
| | VGA(D-sub 15pin) Cable | |

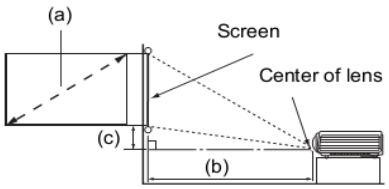
*Lamp life results will vary depending on environmental

MW824ST Digital Projector

## Distance Chart

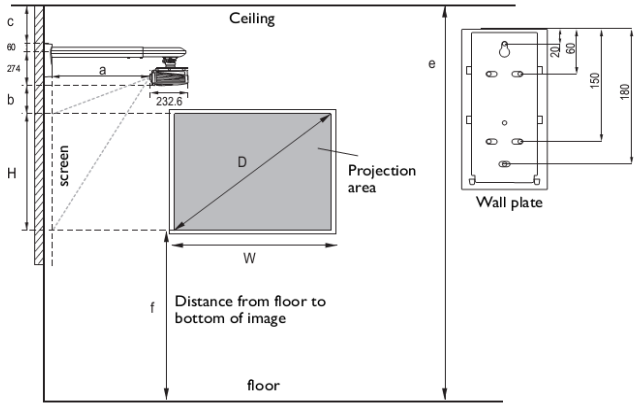
The screen aspect ratio is 16:10 and the projected picture is in a 16:10 aspect ratio

| (a) Screen size | | | | (b) Distance from screen (mm) | (c) Vertical offset (mm) |
|---|---|---|---|---|---|
| Diagonal | | Height (mm) | Width (mm) | | |
| Inches | mm | | | | |
| 40 | 1016 | 538 | 862 | 448 | 40.4 |
| 50 | 1270 | 673 | 1077 | 560 | 50.5 |
| 60 | 1524 | 808 | 1292 | 672 | 60.6 |
| 70 | 1778 | 942 | 1508 | 784 | 70.7 |
| 80 | 2032 | 1077 | 1723 | 896 | 80.8 |
| 90 | 2286 | 1212 | 1939 | 1008 | 90.9 |
| 100 | 2540 | 1346 | 2154 | 1120 | 101.0 |
| 110 | 2794 | 1481 | 2369 | 1232 | 111.1 |
| 120 | 3048 | 1615 | 2585 | 1344 | 121.2 |
| 130 | 3302 | 1750 | 2800 | 1456 | 131.3 |
| 140 | 3556 | 1885 | 3015 | 1568 | 141.4 |
| 150 | 3810 | 2019 | 3231 | 1680 | 151.4 |
| 160 | 4064 | 2154 | 3446 | 1792 | 161.5 |
| 170 | 4318 | 2289 | 3662 | 1904 | 171.6 |

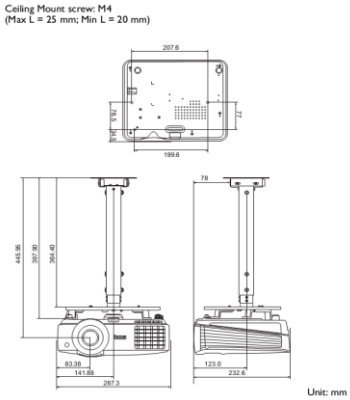


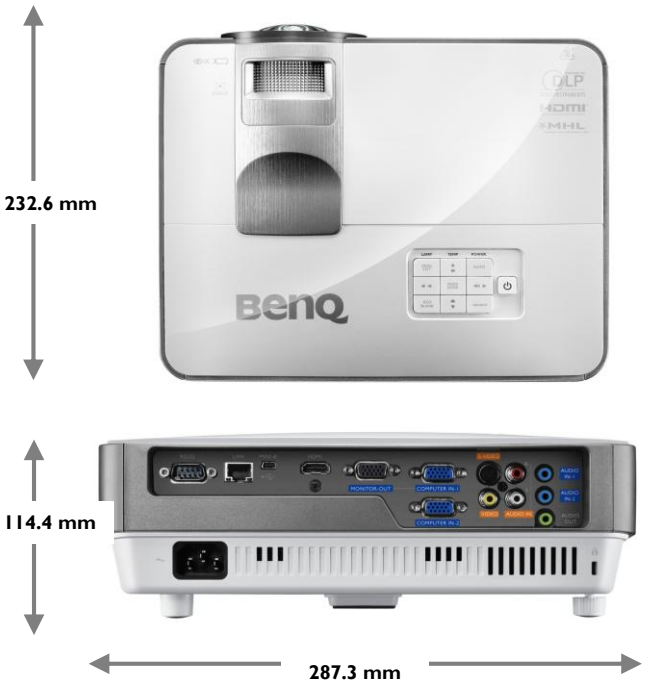

## Wall mount/Ceiling mount Chart

Minimum Ceiling Height (mm) = f + H + b + 60 + 274+ c




Ceiling mount installation




## Dimension