

# MX863UST

## BenQ Digital Projector



### Features

- Inner Reflection Design
- Dual HDMI Port (MHL Supported)
- Optional PointWrite Interactive Capability
- Corner Fit Image Correction.
- Wall Mount Included



### Product Specifications

|                                           |                                                                                                                                                                                                                                                                                                                           |                                                                                   |                    |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------|
| Projection System                         | DLP                                                                                                                                                                                                                                                                                                                       |                                                                                   |                    |
| Native Resolution                         | XGA 1024 x 768                                                                                                                                                                                                                                                                                                            |                                                                                   |                    |
| Brightness                                | 3300 ANSI Lumen                                                                                                                                                                                                                                                                                                           |                                                                                   |                    |
| Contrast Ratio                            | 13,000 : 1                                                                                                                                                                                                                                                                                                                |                                                                                   |                    |
| Display Color                             | 1.07 Billion Colors                                                                                                                                                                                                                                                                                                       |                                                                                   |                    |
| Lens                                      | F=2.4, f=3.35 mm                                                                                                                                                                                                                                                                                                          |                                                                                   |                    |
| Aspect Ratio                              | Native 4 : 3 (5 aspect ratio selectable)                                                                                                                                                                                                                                                                                  |                                                                                   |                    |
| Throw Ratio                               | 0.29                                                                                                                                                                                                                                                                                                                      |                                                                                   |                    |
| Image Size                                | 78"-100"                                                                                                                                                                                                                                                                                                                  |                                                                                   |                    |
| Zoom Ratio                                | Fix                                                                                                                                                                                                                                                                                                                       |                                                                                   |                    |
| Lamp Type                                 | 240W                                                                                                                                                                                                                                                                                                                      |                                                                                   |                    |
| Lamp (Normal / Economic / SmartEco Mode)* | 3000 / 4000 / 6000 hours                                                                                                                                                                                                                                                                                                  |                                                                                   |                    |
| Keystone Adjustment                       | 2D,Vertical ± 30 degrees, Horizontal ± 25 degree                                                                                                                                                                                                                                                                          |                                                                                   |                    |
| Other Image Adjustment                    | Corner fit                                                                                                                                                                                                                                                                                                                |                                                                                   |                    |
| Projection Offset**                       | 117.5% (Full-Height)                                                                                                                                                                                                                                                                                                      |                                                                                   |                    |
| Resolution Support                        | VGA (640 x 480) to WUXGA_RB (1920 x 1200)<br>*RB-Reduced Blanking                                                                                                                                                                                                                                                         |                                                                                   |                    |
| Horizontal Frequency                      | 15~102KHz                                                                                                                                                                                                                                                                                                                 |                                                                                   |                    |
| Vertical Scan Rate                        | 23~120Hz                                                                                                                                                                                                                                                                                                                  |                                                                                   |                    |
| Compatibility                             | HDTV Compatibility                                                                                                                                                                                                                                                                                                        | 480i, 480p, 576i, 576p, 720p, 1080i, 1080p                                        |                    |
|                                           | Video Compatibility                                                                                                                                                                                                                                                                                                       | NTSC, PAL, SECAM                                                                  |                    |
| Interface                                 | PC input (D-sub 15pin)                                                                                                                                                                                                                                                                                                    | x 2 (shared with component)                                                       |                    |
|                                           | Monitor output (D-sub 15pin)                                                                                                                                                                                                                                                                                              | x 1                                                                               |                    |
|                                           | Composite Video input (RCA)                                                                                                                                                                                                                                                                                               | x 1                                                                               |                    |
|                                           | S-Video input (Mini DIN 4pin)                                                                                                                                                                                                                                                                                             | x 1                                                                               |                    |
|                                           | HDMI / MHL                                                                                                                                                                                                                                                                                                                | x 2 (HDMI 2 with MHL)                                                             |                    |
|                                           | Audio input (Mini Jack)                                                                                                                                                                                                                                                                                                   | x 2                                                                               |                    |
|                                           | Audio output (Mini Jack)                                                                                                                                                                                                                                                                                                  | x 1                                                                               |                    |
|                                           | Audio L / R                                                                                                                                                                                                                                                                                                               | x 1                                                                               |                    |
|                                           | Speaker                                                                                                                                                                                                                                                                                                                   | 10W x 2                                                                           |                    |
|                                           | USB (Type mini B)                                                                                                                                                                                                                                                                                                         | x 2<br>USB min B-1 (Rear): PointWrite Camera.<br>USB min B-2 (Rear): FW download. |                    |
|                                           | USB (Type A)                                                                                                                                                                                                                                                                                                              | x 1 (5V / 1.5A power supply)                                                      |                    |
|                                           | RJ45                                                                                                                                                                                                                                                                                                                      | x 1 (LAN Control)                                                                 |                    |
|                                           | RS232 (DB-9pin)                                                                                                                                                                                                                                                                                                           | x 1                                                                               |                    |
|                                           | IR Receiver                                                                                                                                                                                                                                                                                                               | x 1 (Front)                                                                       |                    |
|                                           | Dimensions                                                                                                                                                                                                                                                                                                                | Dimensions (W x H x D)                                                            | 382 x 145 x 435 mm |
|                                           | Weight                                                                                                                                                                                                                                                                                                                    | 6.2 kg (without wall mount)                                                       |                    |
| Power                                     | Power supply                                                                                                                                                                                                                                                                                                              | AC100 to 240V, 50 to 60 Hz                                                        |                    |
|                                           | Power Consumption                                                                                                                                                                                                                                                                                                         | Max 410W, Network standby <2W, Standby <0.5W                                      |                    |
| Audible Noise                             | 35 / 29 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) |                                                                                   |                    |
| Accessories                               | Standard                                                                                                                                                                                                                                                                                                                  | Remote Control with Battery                                                       | RCS011             |
|                                           |                                                                                                                                                                                                                                                                                                                           | Power Cord (by region)                                                            | x 1 (3M)           |
|                                           |                                                                                                                                                                                                                                                                                                                           | User Manual CD                                                                    | NA (Download)      |
|                                           |                                                                                                                                                                                                                                                                                                                           | Quick Start Guide                                                                 | x 1                |
|                                           |                                                                                                                                                                                                                                                                                                                           | Warranty Card (by region)                                                         | x 1                |
|                                           |                                                                                                                                                                                                                                                                                                                           | VGA (D-sub 15pin) Cable                                                           | x 1                |
|                                           |                                                                                                                                                                                                                                                                                                                           | Wall mount kit (installation guide)                                               | x 1                |
|                                           | Optional                                                                                                                                                                                                                                                                                                                  | Spare Lamp Kit                                                                    |                    |
|                                           |                                                                                                                                                                                                                                                                                                                           | Wall Mount                                                                        | WM03G5             |
|                                           |                                                                                                                                                                                                                                                                                                                           | 3D Glasses                                                                        | DGD5               |
|                                           |                                                                                                                                                                                                                                                                                                                           | Document Camera                                                                   | S30                |
|                                           |                                                                                                                                                                                                                                                                                                                           | PointWrite kit                                                                    | PW21U              |
|                                           | PointWrite Touch module                                                                                                                                                                                                                                                                                                   | PT12                                                                              |                    |

\* Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

\*\* Offset is calculated by full screen height.

\*\*\* The measurement of offset and installation chart have max to 5% tolerance and may vary from the Actual size.



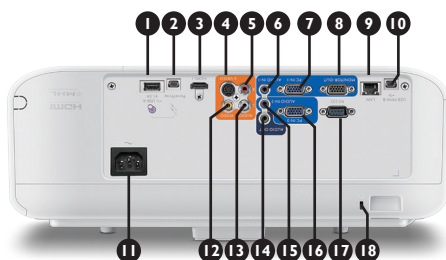
PW21U  
optional interactive module



PT12  
optional touch module

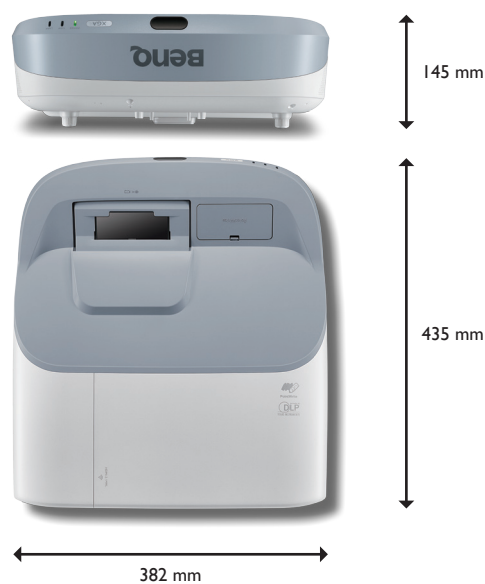


## Input and Output Terminals

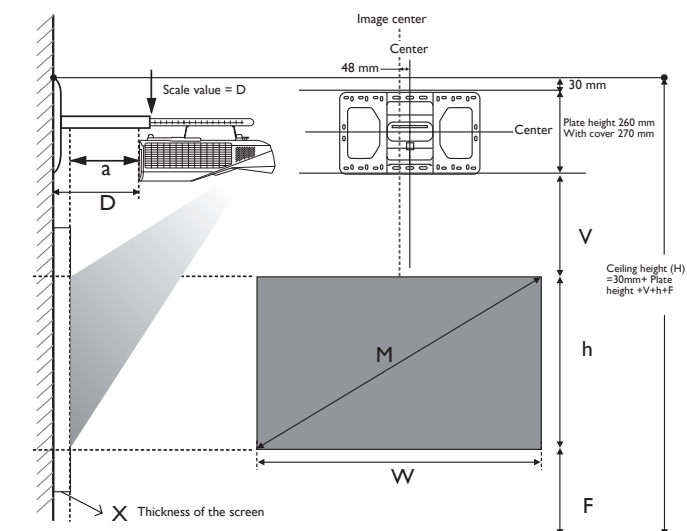


- |                          |                                   |
|--------------------------|-----------------------------------|
| ① USB Type-A 1.5A        | ⑪ AC power cord inlet             |
| ② Point Write            | ⑫ Video input jack                |
| ③ HDMI 1 input jack      | ⑬ Audio Left input jack           |
| ④ S-Video input jack     | ⑭ Audio output jack               |
| ⑤ Audio Right input jack | ⑮ Audio input 2 jack              |
| ⑥ Audio input 1 jack     | ⑯ PC input 2                      |
| ⑦ PC input 1             | ⑰ RS-232 control port             |
| ⑧ Monitor output         | ⑱ Kensington anti-theft lock slot |
| ⑨ RJ45 LAN input jack    |                                   |
| ⑩ USB Mini-B port        |                                   |

## Dimensions

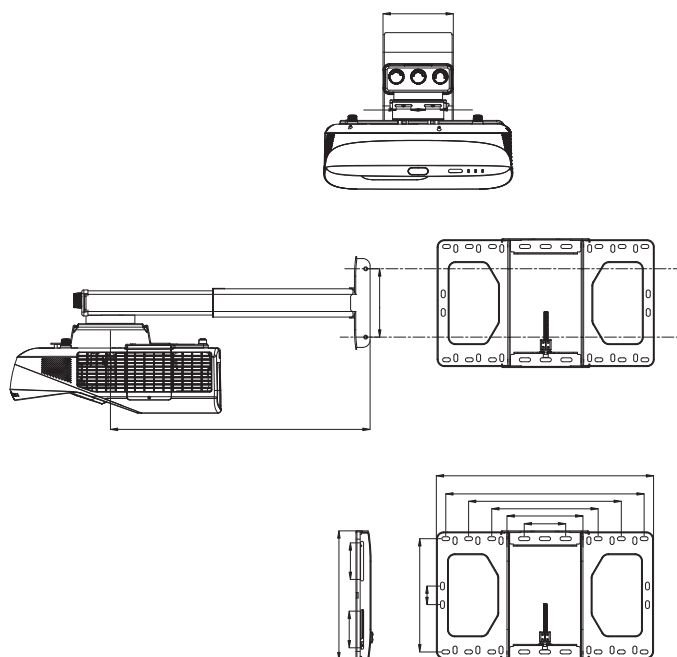


## Distance Chart



| Screen size |        |       |      | Min Ceiling height | Vertical offset | Installation distance     |                                  |
|-------------|--------|-------|------|--------------------|-----------------|---------------------------|----------------------------------|
| Diagonal    | Height | Width |      | H <sup>a</sup>     | V               | X <sup>a</sup> =0 mm (D=) | X <sup>a</sup> =30 mm (D=+30 mm) |
| Inch        | mm     | mm    | mm   | mm                 | mm              | mm                        | mm                               |
| 73          | 1854   | 1113  | 1483 | 2401               | 238             | 88                        | 118                              |
| 78          | 1981   | 1189  | 1585 | 2490               | 252             | 118                       | 148                              |
| 83          | 2108   | 1265  | 1687 | 2580               | 265             | 147                       | 177                              |
| 88          | 2235   | 1341  | 1788 | 2670               | 279             | 177                       | 207                              |
| 93          | 2362   | 1417  | 1890 | 2760               | 292             | 207                       | 237                              |
| 98          | 2489   | 1494  | 1991 | 2849               | 306             | 236                       | 266                              |
| 100         | 2540   | 1524  | 2032 | 2885               | 311             | 248                       | 278                              |
| 103         | 2616   | 1570  | 2093 | 2939               | 319             | 266                       | 296                              |
| 108         | 2743   | 1646  | 2195 | 3029               | 333             | 296                       | 326                              |
| 110         | 2794   | 1676  | 2235 | 3065               | 338             | 308                       | 338                              |

## Ceiling Mount Chart



## BenQ Europe B.V.

Meerenakkerweg 1-17  
5652 AR Eindhoven  
The Netherlands  
Tel: +31 88 8889200  
Fax: +31 88 8889299

BenQ.eu

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