

# W2700

## BenQ DLP Projector



### Features

- True 4K UHD (3840 x 2160) 8.3 Million Pixels Resolution
- HDR Pro: Hyper-Realistic Video Quality with Projector-Optimized HDR10 & HLG
- BenQ CinematicColor™ Technology for Supreme Colors
- Covers 100% Rec.709 and 95% DCI-P3 with Optimized RRGB Color Wheel
- Short Throw Projection with Vertical Lens Shift for Convenient Installation



### Product Specifications

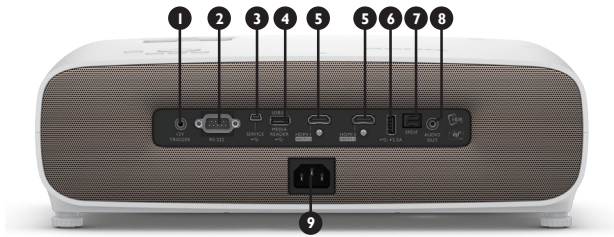
|  |   |
|--|---|
| <b>Projection System</b>                       | DLP   |
| <b>DMD type</b>                                | 0.47"   |
| <b>Native Resolution</b>                       | 4K UHD (3840 x 2160) Resolution   |
| <b>Brightness</b>                              | 2,000 ANSI Lumens   |
| <b>Contrast Ratio*</b>                         | 30,000 : 1  |
| <b>Display Color</b>                           | 30 Bits (1.07 billion colors)   |
| <b>Aspect Ratio</b>                            | Native 16 : 9 (6 aspect ratios selectable)  |
| <b>Light Source</b>                            | Lamp  |
| <b>Light Source life**</b>                     | Normal 4,000 hours / Economic 10,000 hours / SmartEco 15,000 hours  |
| <b>Throw Ratio</b>                             | 1.13 - 1.47 (100" @ 2.5 m)  |
| <b>Zoom Ratio</b>                              | 1.3X  |
| <b>Keystone Correction</b>                     | 1D, (Auto) Vertical ± 30 degrees  |
| <b>Projection Offset</b>                       | 100%~110%   |
| <b>Projection Size (Clear Focus / Maximum)</b> | 40"~200" / 30"~300"   |
| <b>Built-in Speaker</b>                        | 5W x 2 (Chamber)  |
| <b>Picture Mode</b>                            | ISF Disabled: Bright / Vivid / Cinema / D. Cinema / Silence / (3D)* / User 1 / HDR / HLG<br>ISF Enabled: Bright / Vivid / Cinema / D. Cinema / Silence / ISF Night / ISF Day  |
| <b>Color Wheel Segment</b>                     | 6 segments  |
| <b>Color Wheel Speed</b>                       | 2D: 24HZ 2X ; 50Hz 2X; 60Hz 2X / 3D: 120HZ  |
| <b>Security</b>                                | Security Bar, Kensington lock   |
| <b>Feature</b>                                 | HDR10, HLG, 3D, CinemaMasterVideo + (Motion Enhancer 4K, Pixel Enhancer 4K), ISF, CinemaMaster Audio + 2, Auto Keystone   |
| <b>Resolution Support***</b>                   | VGA (640 x 480) to 4K UHD (3840 x 2160)   |
| <b>Horizontal Frequency</b>                    | 15K-135KHz  |
| <b>Vertical Scan Rate</b>                      | 23-120Hz  |
| <b>HDTV Compatibility</b>                      | 720p 50/60Hz, 1080i 50/60Hz, 1080p 24/25/30/50/60Hz, 2160p 23/24/25/30/60Hz   |
| <b>Power Consumption (Max / Normal / Eco)</b>  | 350W / 340W / 280W  |
| <b>Standby Power Consumption</b>               | 0.5W Max. at 100 ~ 240VAC   |
| <b>Power Supply</b>                            | VAC 100 ~ 240 (50/60Hz)   |
| <b>Product Dimensions (W x H x D)</b>          | 380 x 127 x 263 mm  |
| <b>Product Weight</b>                          | 4.2 kg  |
| <b>Noise Level (Normal / Eco)</b>              | 30 / 28 dBA (Silence mode)  |
| <b>Operating Temperature</b>                   | 0~40 degrees (Celsius)  |
| <b>Accessories (Standard)</b>                  | Remote Control with Battery x 1 (5JJKC06.001)<br>Power Cord x 1 (3m)<br>User Manual CD (27L)<br>Quick Start Guide (21L)<br>Warranty Card  |
| <b>Accessories (Optional)</b>                  | Spare Lamp Kit (5JJKC05.001)<br>3D Glasses  |
| <b>On Screen Display Language</b>              | 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) |

\* The Contrast is measured by Full On Full Off standard.

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

\*\*\*In 3D Mode: Resolution is 1920x1080 in 3D Mode.

## Input and Output Terminals

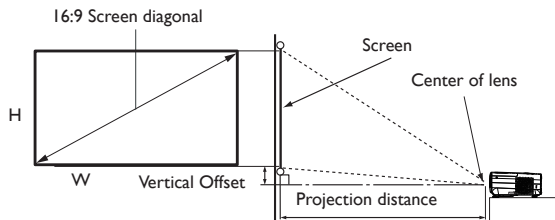


- ❶ DC 12V Trigger (3.5 mm Jack)
- ❷ RS232 input (D-sub 9pin, male)
- ❸ USB Type min B (FW download, service)
- ❹ USB Type A (Media Reader, FW download)
- ❺ HDMI (HDCP2.2)
- ❻ USB Type A (5V/2.5A power)
- ❼ Audio output (S/PDIF)
- ❽ Audio output (mini jack)
- ❾ AC Power cable inlet

## Dimensions



## Distance Chart

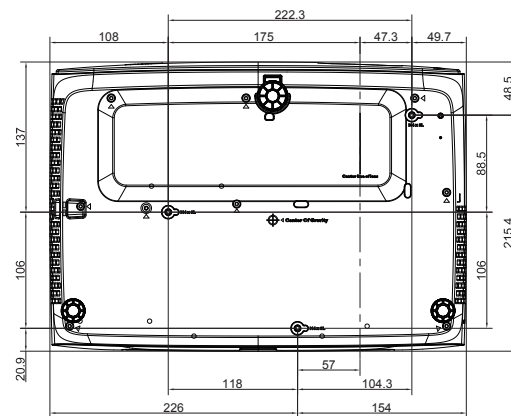


| Screen Size |        |       |                       | Distance from Screen |                       |      | Vertical offset |
|-------------|--------|-------|-----------------------|----------------------|-----------------------|------|-----------------|
| Diagonal    | Height | Width | Min length (max zoom) | Average              | Max length (min zoom) |      |                 |
| inch        | mm     | mm    | mm                    | mm                   | mm                    | mm   |                 |
| 30          | 762    | 374   | 664                   | 718                  | 835                   | 952  | 19              |
| 40          | 1016   | 498   | 886                   | 973                  | 1129                  | 1284 | 26              |
| 50          | 1270   | 623   | 1107                  | 1228                 | 1423                  | 1617 | 33              |
| 60          | 1524   | 747   | 1328                  | 1483                 | 1717                  | 1950 | 40              |
| 70          | 1778   | 872   | 1550                  | 1738                 | 2010                  | 2281 | 47              |
| 80          | 2032   | 996   | 1771                  | 1993                 | 2303                  | 2613 | 54              |
| 90          | 2286   | 1121  | 1992                  | 2248                 | 2597                  | 2946 | 61              |
| 100         | 2540   | 1245  | 2214                  | 2502                 | 2890                  | 3278 | 68              |
| 110         | 2794   | 1370  | 2435                  | 2758                 | 3184                  | 3610 | 74              |
| 120         | 3048   | 1494  | 2657                  | 3012                 | 3478                  | 3943 | 81              |
| 130         | 3302   | 1619  | 2878                  | 3268                 | 3772                  | 4275 | 88              |
| 140         | 3556   | 1743  | 3099                  | 3521                 | 4064                  | 4607 | 95              |
| 150         | 3810   | 1868  | 3321                  | 3777                 | 4358                  | 4939 | 102             |
| 160         | 4064   | 1992  | 3542                  | 4031                 | 4652                  | 5272 | 109             |
| 170         | 4318   | 2117  | 3763                  | 4288                 | 4946                  | 5604 | 116             |
| 180         | 4572   | 2241  | 3985                  | 4541                 | 5239                  | 5936 | 123             |
| 190         | 4826   | 2366  | 4206                  | 4798                 | 5533                  | 6268 | 130             |
| 200         | 5080   | 2491  | 4428                  | 5050                 | 5826                  | 6601 | 136             |
| 210         | 5334   | 2615  | 4649                  | 5306                 | 6120                  | 6933 | 143             |
| 220         | 5588   | 2740  | 4870                  | 5560                 | 6413                  | 7265 | 150             |
| 230         | 5842   | 2864  | 5092                  | 5817                 | 6707                  | 7597 | 157             |
| 240         | 6096   | 2989  | 5313                  | 6072                 | 7001                  | 7930 | 164             |
| 250         | 6350   | 3113  | 5535                  | 6324                 | 7293                  | 8262 | 171             |
| 260         | 6604   | 3238  | 5756                  | 6583                 | 7589                  | 8594 | 178             |
| 270         | 6858   | 3362  | 5977                  | 6837                 | 7882                  | 8926 | 185             |
| 280         | 7112   | 3487  | 6199                  | 7092                 | 8176                  | 9259 | 191             |
| 290         | 7366   | 3611  | 6420                  | 7347                 | 8469                  | 9591 | 198             |
| 300         | 7620   | 3736  | 6641                  | 7599                 | 8761                  | 9923 | 205             |

• The screen aspect ratio is 16:9 and the projected picture is in a 16:9 aspect ratio

## Ceiling Mount Chart

Ceiling/Wall mount screw: M4  
(Max L = 25 mm; Min L = 20 mm)



Unit: mm

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