



AK800ST

BenQ DLP Projector

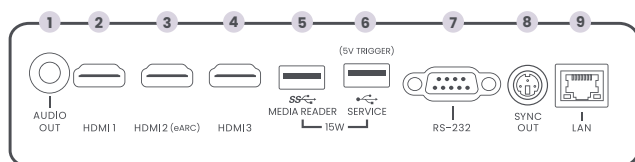
- Laser light source 4K 5000 ANSI Lumens
- Short Throw 0.69~0.83 & 1.2x Zoom Ratio
- 102.5% Offset
- Default Golf Mode/AI Golf
- HLG/HDR10/HDR Game
- Screen fill with 6 selectable native EDID
- Network Display
- PIP (Picture-in-Picture)
- IP5X Dust proof

Display	
Projection System	DLP Single
DMD type	0.65" UHD
Native Resolution	3840x2160 pixels
Brightness	5000 ANSI Lumens
Contrast Ratio*	3,000,000:1
Display Color	30 Bits (1.07 billion colors)
Aspect Ratio	Native 16:9 (6 aspect ratio selectable)
Light Source	Laser
Light Source life**	20,000/ 30,000 (Normal/Eco)
Optical	
Throw Ratio	0.69-0.83
Zoom Ratio	1.2x (by Motor Zoom)
Lens Control	Motor Zoom and Auto Focus
Keystone Correction	3D keystone
Projection Offset	102.5% ± 2.5%
Projection Size	60" ~ 300"
Audio	
Built-in Speaker	10W x1
Special Feature	
Security (anti-theft)	Kensington Security Bar
Feature	Auto screen fit, Auto focus, Motor zoom, Screen Fill, Corner fit, Geometry, 3D keystone, Network Display, 24P True Cinema, Fast mode, PIP, OTA, Sync Out, AI Picture mode, HLG, HDR 10, HDR Game, HDMI-eARC, Scene Memory, Signal Power On (Basic/Advance)
Dust Proof level (IP certificate)	IP5X (without official report)
Compatibility	
Resolution Support	VGA(640 x 480) to UHD(3840 x 2160)
Horizontal Frequency	15~135KHz
Vertical Scan Rate	23 ~240 Hz
HDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p, 2160p
Video Compatibility	NA
Power	
Power Consumption(Max/Normal/Eco)	327W/285.1W/222.5W @100VAC
Standby Power Consumption	Normal < 0.5W
Power Supply	100 ~ 240V AC
Dimension and Weight	
Product Dimensions (WxHxD) / Product Weight	387.9 x 140.0 x 301.9 mm / 5.9Kg ±100g
Operation Condition	
Noise Level Typical (Normal/Eco)	34dB/29dB
Operating Temperature	0 ~ 40°C
Accessories	
Accessories (Standard)	Remote Control (RCA012/5J.JSS06.001), Power Cord (1.8M), Quick Start Guide, Warranty Card (by Region), Regulatory statement hard copy
Accessories (Optional)	EZC-5201BS (Wi-Fi 5 Wireless Dongle)
OSD	
On Screen Display Language	English / Français / Deutsch / Italiano / Español / Russian / Traditional Chinese / Simplified Chinese / Japanese / Korean / Svenska / Nederlands / Türkçe / Čeština / Português / Thai / Polski / Magyar / Hrvatski / Română / Norsk / Dansk / Bulgarian / Suomi / Indonesian / Greek / Arabic / Hindi / Farsi / Vietnamese (30 Languages)
Other	
Part Number / EAN Code	9H.R0L77.13E / 471 8755 09659 4

* The Contrast is measure by Full On Full Off standard.

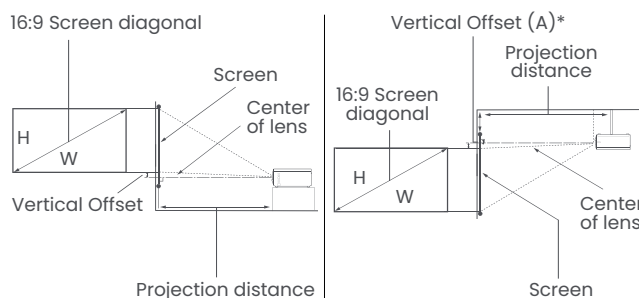
** LightSource life results will vary depending on environmental conditions and usage.
Actual product's features and specifications are subject to change without notice.

INPUT AND OUTPUT TERMINALS



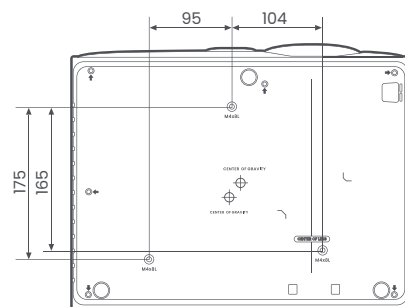
- 1 - Audio Out (3,5 mini Jack)
- 2 - HDMI 1 (HDMI 2.1, HDCP 2.3)
- 3 - HDMI 2 (eARC) (HDMI 2.1, HDCP 2.3)
- 4 - HDMI 3 (HDMI 2.1, HDCP 2.3)
- 5 - USB 1 Type-A (USB 3.0, Media Reader)
- 6 - USB 2 Type-A (USB 2.0, for service & 5V Trigger)
- 7 - RS-232 (D-sub 9-pin male)
- 8 - Sync Out (VESA)
- 9 - LAN (RJ45)

PROJECTION DIMENSIONS



CEILING / WALL MOUNT INSTALLATION

BenQ ceiling mount
CMG3 (5J.JAM10.001)

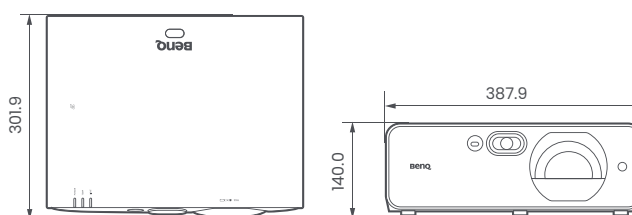


Ceiling mount
screw: M4x8

DIMENSIONS

387.9 (W) x 140.0 (H) x 301.9 (D) mm (with feet)

Unit: mm



PROJECTION DISTANCE CHART

Screen size		Distance from screen (mm)		Image height (mm)
Diagonal		Min length	Max length	
inch	mm	(max. zoom)	(min. zoom)	
100	2540	1538	1846	1245
110	2794	1692	2031	1370
120	3048	1846	2215	1494
130	3302	2000	2400	1619
140	3556	2154	2584	1743
150	3810	2308	2769	1868
160	4064	2461	2954	1992
170	4318	2615	3138	2117
180	4572	2769	3323	2241
190	4826	2923	3507	2366
200	5080	3077	3692	2491
210	5334	3231	3877	2615
220	5588	3384	4061	2740
230	5842	3538	4246	2864
240	6096	3692	4430	2989
250	6350	3846	4615	3113
260	6604	4000	4800	3238
270	6858	4154	4984	3362
280	7112	4307	5169	3487
290	7366	4461	5353	3611
300	7620	4615	5538	3736
300	7620	5380	5911	3736

* The vertical offset value is the vertical distance from the bottom edge of the image (when the projector is placed on a table, diagram on the left), or top edge of the image (when the projector is ceiling mounted, diagram on the right) to the centerline of lens. / ** Due to the lens optical characteristics, every projector has its vertical offset ratio. The vertical offset value normally gets larger while the projection distance increases.



benq.eu/en-eu/golf-simulator-projector/products.html

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