



AK900ST

BenQ DLP Projector

- Laser light source 4K 6000 ANSI Lumens
- Short Throw 0.81~0.89 & 1.1x Zoom Ratio
- Lens Shift: V:±60%, H:±23%
- Default Golf Mode/AI Golf
- HLG/HDR10/HDR Game
- Screen fill with 6 selectable native EDID
- Auto screen fit / Auto Focus
- Picture-In-Picture (PIP)
- IP5X Dust proof

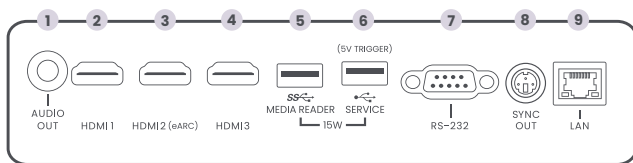
Display	
Projection System	DLP Single
DMD type	0.47" UHD
Native Resolution	3840x2160 pixels
Brightness	6000 ANSI Lumens
Contrast Ratio*	3,000,000:1
Display Color	30 Bits (1.07 billion colors)
Aspect Ratio	Native 16:9 (6 aspect ratio selectable)
Light Source	Laser
Light Source life**	20,000/ 30,000 (Normal/Eco)
Optical	
Throw Ratio	0.81~0.89
Zoom Ratio	1.1x (by Motor Zoom)
Lens Control	Motor Zoom and Auto Focus
Lens shift	V:±60%, H:±23%. (Manual)
Keystone Correction	3D keystone
Projection Size	60" ~ 300"
Audio	
Built-in Speaker	10W x1
Special Feature	
Security (anti-theft)	Kensington Security Bar
Feature	Kensington Security Bar, 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), IP5X (without official report)
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
Power	
Power Consumption(Max/Normal/Eco)	370.9W/ 348.3W/247.3W
Standby Power Consumption	Normal < 0.5W
Power Supply	100 ~ 240V AC
Dimension and Weight	
Product Dimensions (WxHxD) / Product Weight	521 x 166.3 x 350.6 mm / 10.2 Kg
Operation Condition	
Noise Level Typical (Normal/Eco)	34dB/29dB
Operating Temperature	0 ~ 40°C
Accessories	
Accessories (Standard)	Remote Control (RCA012), 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 / Francais / Deutsch / Italiano / Espanol / Russian / Traditional Chinese / Simplified Chinese / Japanese / Korean / Swedish / Dutch / Turkish / Czech / Portuguese / Thai / Polish / Hungarian / Croatian / Romanian / Norwegian / Danish / Bulgarian / Finnish / Indonesian / Greek / Arabic / Hindi / Persian / Vietnamese (30 Languages)
Other	
Part Number / EAN Code	9H.R0A77.14E / 471 8755 09822 2

* 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.

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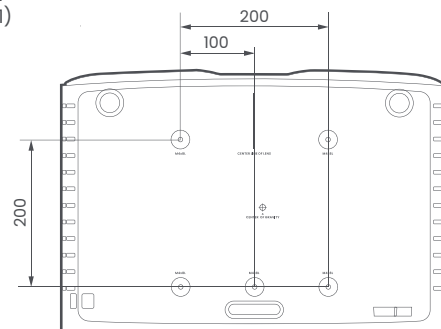
INPUT AND OUTPUT TERMINALS



- 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)

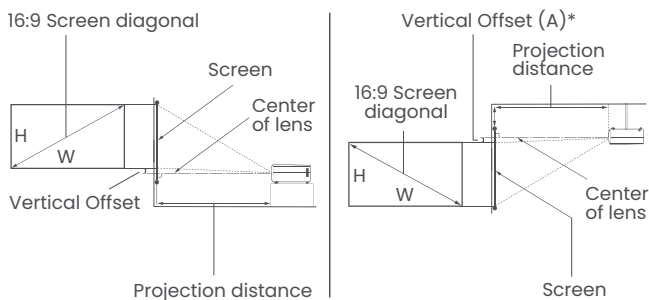
CEILING / WALL MOUNT INSTALLATION

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



Ceiling mount
screw: M4x8

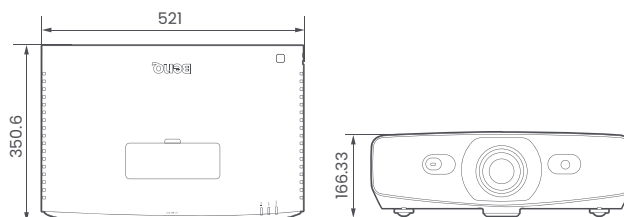
PROJECTION DIMENSIONS



DIMENSIONS

521 (W) x 166.33 (H) x 350.6 (D) mm

Unit: mm



PROJECTION DISTANCE CHART

Screen size		Distance from screen (mm)		Image height (mm)	*Vertical offset (A)	
Diagonal		Min length (max. zoom)	Max length (min. zoom)		Lowest lens position (mm)	Highest lens position (mm)
inch	mm					
95	2413	1704	1872	1183	-1301	118
100	2540	1793	1970	1245	-1370	125
110	2794	1972	2167	1370	-1507	137
120	3048	2152	2364	1494	-1644	149
130	3302	2331	2561	1619	-1781	162
140	3556	2510	2758	1743	-1918	174
150	3810	2690	2955	1868	-2055	187
160	4064	2869	3152	1992	-2192	199
170	4318	3048	3349	2117	-2329	212
180	4572	3228	3547	2241	-2466	224
190	4826	3407	3744	2366	-2603	237
200	5080	3586	3941	2491	-2740	249
210	5334	3766	4138	2615	-2877	262
220	5588	3945	4335	2740	-3014	274
230	5842	4124	4532	2864	-3151	286
240	6096	4304	4729	2989	-3287	299
250	6350	4483	4926	3113	-3424	311
260	6604	4662	5123	3238	-3561	324
270	6858	4842	5320	3362	-3698	336
280	7112	5021	5517	3487	-3855	349
290	7366	5200	5714	3611	-3972	361
300	7620	5380	5911	3736	-4109	374

*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.



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

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