



BenQ DLP Projector

AK700ST

Feature High Light

- * 4K UHD 8.3M Pixel
- * Laser light source 4000 ANSI Lumens
- * Short Throw 0.69~0.83 & Motor Zoom x1.2
- * Focus and Auto Screen Fit
- * 3D keystone & Corner fit
- * Default Golf Mode
- * Mobile Wi-Fi Ready
- * Dust Proof level(IP certificate) IP5X



Display

Projection System	DLP Single
DMD type	0.65" 4K DMD
Native Resolution	3840*2160 pixels
Brightness	4000 ANSI Lumens
Contrast Ratio*	3,000,000:1
Display Color	30 Bits (1.07 billion colors)
Aspect Ratio	Native 16:9 (4 aspect ratio selectable)
Light Source	Laser
Light Source life*	20,000/ 30,000 (Normal/Eco)

Optical

Throw Ratio	0.69~0.83 (95"±3% @ 1.44m)
Zoom Ratio	1.2x (by Motor zoom)
Lens Control	Motor zoom & Focus
Lens shift	NA
Keystone Correction	3D keystone, V: ±30 degree; H: ±30 degree; R: ±30 degree
Projection Offset	102.5%±2.5%
Projection Size	60" ~ 240"

Audio

Built-in Speaker	10W x1
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Special Feature

Security(anti-theft)	Kensington Security Bar
Feature	Auto screen fit, Focus, 0.69 Short throw, 1.2x motor zoom, 3D keystone & Corner fit, Golf mode, Wifi Solution, screen fill, 4K UHD
Dust Proof level(IP certificate)	IP5X

Compatibility

Resolution Support	VGA(640 x 480) to 3840x2160
Horizontal Frequency	15K~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)	320W/192W/136W (@110V)
Standby Power Consumption	Normal < 0.5W
Power Supply	100 ~ 240V AC

Dimension and Weight

Product Dimensions (WxHxD)	303.5 (W) x 234.5 (L) x 112.4 (H) mm
Product Weight	3.4 Kg +/- 100g (7.48 lbs + 0.22 lbs)

Operation Condition

Noise Level(Normal/Eco)	32/29 dBA
Operating Temperature	0 ~ 40°C

Accessories

Accessories (Standard)	Remote Control (RCA012/SJ.JS506.001) Power Cord(1.8M) Quick Start Guide Warranty Card (by Region) Regulatory statement hard copy
Accessories (Optional)	Carry Bag (4G.16602.002) Ceiling mount (CMG3) Wireless USB Dongle (EZC5201BS/SJ.JPT28.001)

OSD

On Screen Display Language	English / Français / Deutsch / Italiano / Español / 繁體中文 / 简体中文 / 日本語 / 한국어 / Svenska / Nederlands / Čeština / Português / ไทย / Polski / Magyar / Norsk / Dansk / Български / suomi / Bhs Ind / Ελληνικά / हिन्दी (23 Languages)
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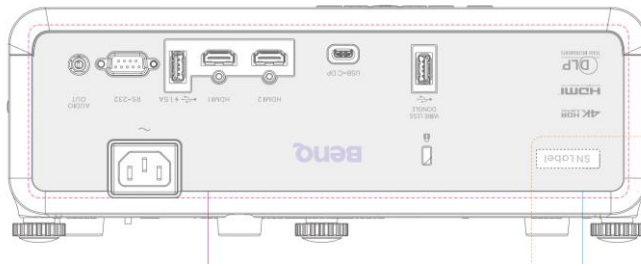
Environment Notice

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

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



Connectivity



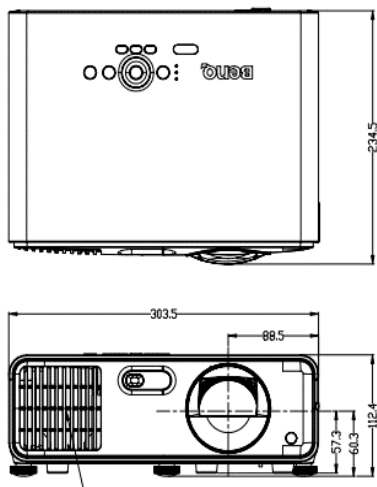
Connectivity

Connectivity

Quantity

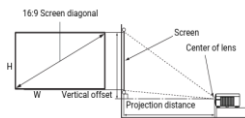
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|----|--|---|
| 1 | HDMI-1 (HDMI 2.0 (HDCP 1.4/2.2)) | 1 |
| 2 | HDMI-2 (HDMI 2.0 (HDCP 1.4/2.2)) | 1 |
| 3 | USB-I TypeA (1.5A power/FW upgrade) | 1 |
| 4 | USB-I TypeA (WiFi Dongle) | 1 |
| 5 | RS232 In (D-sub 9pin, male) | 1 |
| 6 | Audio out (mini jack) | 1 |
| 7 | Type C (C Input DP(Display) ALT Mode and DC 5V/1A Out) | 1 |
| 8 | IR Receiver (Front+Top) | 2 |
| 9 | Kensington anti-theft lock slot | 1 |
| 10 | Security Bar | 1 |

Dimension (mm)



Unit: mm

Installation



Screen size				Projection distance (mm)			Vertical offset (mm)
Diagonal	H	W		Min	Average	Max	
inch	mm	(mm)	(mm)	(Wide)		(Tele)	
60	1524	747	1328	917	1009	1102	19
70	1778	872	1550	1070	1177	1286	22
80	2032	996	1771	1222	1346	1470	25
90	2286	1121	1993	1375	1514	1653	28
100	2540	1245	2214	1528	1682	1837	31
110	2794	1370	2435	1681	1850	2021	34
120	3048	1494	2657	1834	2018	2204	37
130	3302	1619	2878	1986	2187	2386	40
140	3556	1743	3100	2139	2355	2572	43
150	3810	1868	3321	2292	2523	2756	47
160	4064	1992	3542	2445	2691	2939	50
170	4318	2117	3764	2598	2859	3123	53
180	4572	2241	3985	2750	3028	3307	56
190	4826	2366	4207	2903	3196	3490	59
200	5080	2490	4428	3056	3364	3674	62
210	5334	2615	4649	3209	3532	3858	65
220	5588	2739	4871	3362	3700	4041	68
230	5842	2864	5092	3514	3869	4225	72
240	6096	2988	5314	3667	4037	4409	75

