

W5850

BenQ DLP Projector



Features

- True 4K UHD 8.3M Pixels
- 2600lm High Brightness
- BenQ CinematicColor™ 100% DCI-P3 Wide Color Gamut
- HDR10/HLG/HDR10+
- Factory Calibrated Report
- 1.6X big zoom lens (Motorized)
- Wide-range H&V lens shift (Motorized with rectangular shape)



Product Specifications

Product Number / EAN Code	9H.R0G77.G8E / 471 8755 09658 7
Projection System	DLP
DMD type	0.47"
Native Resolution	4K UHD (3840 x 2160)
Brightness	2600 ANSI Lumens
Contrast Ratio*	Native 1,000:1 ; 2,500,000:1
Display Color	30 Bits (1.07 billion colors)
Aspect Ratio	Native 16 : 9 (4 ratios selectable)
Light Source	Blue Laser
Light Source life**	Normal 20,000 hrs / Economic 25,000 hrs
Throw Ratio	1.0-1.6
Zoom Ratio	1.6x (Motorized)
Lens	F/# 2.1 ~ 2.3, f 10.57 (Wide) ~16.91 (Tele) mm
Keystone Correction	2D, Manual Vertical & Horizontal ± 35 degree
Lens Shift	Vertical ±50%, Horizontal ±15% (Motorized with rectangular shape)
Projection Size	60" ~ 200" / 300"
Picture Mode	*** ISF Disabled: Bright / Bright Cinema / Cinema / FILMMAKER MODE / 3D / User / HDR10 / HDR10+ / HLG **** ISF Enabled: Bright / Bright Cinema / Cinema / FILMMAKER MODE / ISF Night / ISF Day
DCI-P3 Coverage (Native)	100%
Resolution Support	VGA (640 x 480) to 4K UHD (3840 x 2160)
Horizontal Frequency	15K-135KHz
Vertical Scan Rate	23-240Hz
HDTV Compatibility	720@50P / 60P, 1080@50i / 60i / 24p / 25p / 30p / 50p / 60p / 120P, 2160@24p / 25p / 30p / 60p
Power Consumption (Max / Normal / Eco)	450W / 380W / 240W
Standby Power Consumption	0.5W Max. at 100 ~ 240VAC
Network Stand-by Power Consumption	<2W
Power Supply	VAC 100 ~ 240 (50/60Hz)
Product Dimensions (W x D x H)	525.2 x 392.2 x 145.7 mm
Product Weight	10.5 kg
Noise Level (Normal / Eco)	30dBA / 27dBA
Operating Temperature	0~40 degrees (Celcius)
Accessories (Standard)	Power Cord (by region, 1.8m) x 1 Remote Control(RCV024:5J.JRX06.001) x 1 Battery (for RC) x 2 Calibration Report x 1 Quick Start Guide x 1 Warranty Card (by region) x 1 Regulatory Statements x 1 User Manual E-edition
Accessories (Optional)	3D Glasses Ceiling mount
On Screen Display Language	Simplified Chinese / Traditional Chinese / English / French / German / Italian / Spanish / Russian / Japanese / Korean / Swedish / Dutch / Turkish / Czech / Portuguese / Thai / Polish / Hungarian / Croatian / Romanian / Norwegian / Danish / Bulgarian / Finnish / Indonesian / Greek / Arabic / Hindi

* The Contrast is measure by FOFO standard.

** Light life results will vary depending on environmental conditions and usage.

*** Actual product's features and specifications are subject to change without notice.

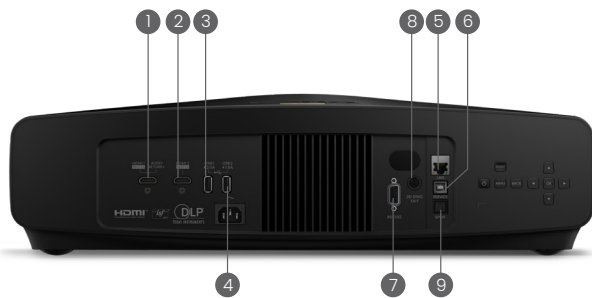
**** Default picture mode is Bright Cinema

***** When ISF is enable, default picture mode is ISF Night.



Input and Output Terminals

	I/O Name	Quantity
1	HDMI (HDCP 2.2, HDMI 2.1 TMDS, CEC/ARC/eARC) (Audio Return+) (5.1/7.1/Dolby Atmos audio pass through)	1
2	HDMI (HDCP 2.2, HDMI 2.1 FRL)	1
3	USB Type-A (5V/2.0A Media Reader/Firmware upgrade)	1
4	USB Type-A (5V/1.5A Media Reader/Firmware upgrade)	1
5	RJ-45 LAN (Control 4)	1
6	USB Type-B (SERVICE)	1
7	RS232 input (D-sub 9pin, male)	1
8	3D Sync output	1
9	SPDIF audio output (5.1 channel audio pass through)	1

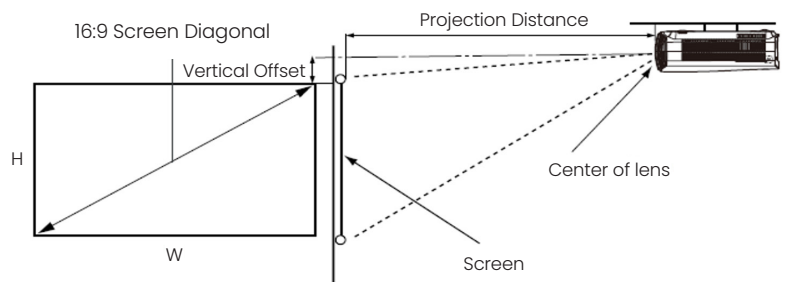


Dimensions



Distance Chart

Screen size				Distance from screen (mm)		
Diagonal	H	W	Min length	Average	Max length	
Inch	mm	(mm)	(max zoom)		(min zoom)	
60	1524	747	1328	1726	2125	
80	2032	996	1771	2302	2834	
95	2413	1183	2103	2734	3365	
100	2540	1245	2214	2878	3542	
120	3048	1494	2657	3454	4251	
150	3810	1868	3321	4317	5314	
180	4572	2241	3985	5181	6376	
200	5080	2491	4428	5756	7085	
250	6380	3113	5535	7196	8856	
300	7620	3736	6641	8633	10626	



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