

W5800

BenQ DLP Projector

Features

- True 4K UHD 8.3M Pixel
- 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.JSL77.G8E / 471 8755 09297 8
Projection System	DLP
DMD type	0.47"
Native Resolution	4K UHD (3840 x 2160)
Brightness	2600 ANSI Lumens
Contrast Ratio*	2,000,000 : 1 (with Dynamic Black)
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	1.52~2.45
Zoom Ratio	1.6x (Motorized)
Lens	F/# 2.1 ~ 3.0, f 16.0 (Wide) ~25.7 (Tele) mm
Keystone Correction	2D, Manual Vertical & Horizontal ± 35 degree
Lens Shift	Vertical ±50%, Horizontal ±21% (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)
Special Feature	Motion Enhancer, Local Contrast Enhancer, ISF
Accessories (Standard)	Power Cord (by region, 1.8m) x 1 HDMI Cable (3m) 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	English / Traditional Chinese / Simplified Chinese / Hindi / German / French / Italian / Arabic / Indonesian / Thai (10 languages)

* The Contrast is measure by FOFO standard. (Without WCE)
 ** 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, TMDs, CEC/ARC/eARC) (Audio Return+) (5.1/7.1 channel audio pass through)	1
2	HDMI (HDCP 2.2)	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

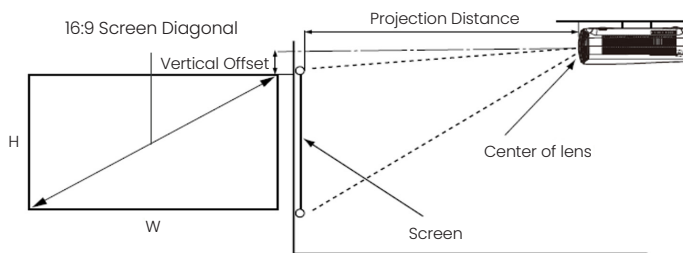


Dimensions



Distance Chart

Screen size				Distance from screen (mm)			Vertical offset (Lowest / Highest lens position)(mm)
Diagonal		H	W	Min length	Average	Max length	
Inch	mm	(mm)	(mm)	(max zoom)		(min zoom)	
60	1524	747	1328	2019	2636	3254	0
80	2032	996	1771	2692	3515	4339	0
95	2413	1183	2103	3197	4174	5152	0
100	2540	1245	2214	3365	4395	5424	0
120	3048	1494	2657	4039	5274	6510	0
150	3810	1868	3321	5048	6592	8136	0
180	4572	2241	3985	6057	7910	9763	0
200	5080	2491	4428	6731	8790	10849	0
250	6380	3113	5535	8413	10987	13561	0
300	7620	3736	6641	10094	13182	16270	0



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