

W8000

Digital Projector



Features

- Cinematic color from Rec.709
- CinemaMaster technology
- H / V lens shift
- 5 Optional lens



Product Specifications

Projection System	DLP	
Native Resolution	1080p (1920 x 1080)	
Brightness	2000 AL	
FOFO Contrast Ratio	50,000 : 1	
Display Color	1.07 Billion Colors	
Lens	Wide Fix (5JJDH37.002) ¹	F=2.5, f=11.5 mm
	Wide Zoom (5JJDH37.011) ²	F=2.05~2.27, f=16.64~19.5 mm
	Standard (5JJDH37.022) ³	F=2.46~2.56, f=22.8~28.5 mm
	Semi Long (5JJDH37.032) ⁴	F=2.5~3.1, f=28.5~42.75 mm
	Long Zoom I (5JJDH37.041) ⁵	F=2.2~2.5, f=44.5~74.19 mm
Aspect Ratio	Native 16 : 9 (5 aspect ratio selectable)	
Throw Ratio	0.778 : 1 ¹ / 1.1~1.3 : 1 ² / 1.54~1.93 : 1 ³ / 1.93~2.9 : 1 ⁴ / 3.0~5.0 : 1 ⁵	
Image size (Clear Focus / Maximum)	30"~175" / 35"~370" / 35"~205" / 31"~468" / 27"~301"	
Zoom Ratio	Fixed ¹ / 1.18x ² / 1.25x ³ / 1.5x ⁴ / 1.67x ⁵	
Lens Shift	Vertical -20% - 60%, Horizontal ±5%	
Lamp Type	280W	
Lamp Mode (Normal/Eco/SmartEco)*	2,500 / 3,500 / 6,000 hours	
Keystone Adjustment	1D, Vertical ± 30 degrees	
Resolution Support	VGA (640 x 480) to WUXGA_RB (1920 x 1200) *RB = Reduced Blanking	
Horizontal Frequency	15~102KHz	
Vertical Scan Rate	23~120Hz	
Color Wheel Segment	6-Segment (RGBRGB)	
Color Wheel Speed	6 x (50Hz), 4 x (60Hz)	
Compatibility	HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
	Video Compatibility	NTSC, PAL, SECAM
	3D Compatibility (Please refer to User's Manual for detailed support timing)	Frame Sequential: Up to 720p Frame Packing: Up to 1080p Side by Side: Up to 1080i/p Top Bottom: Up to 1080p
Interface	Computer input (D-sub 15pin)	x 1
	Composite video input (RCA)	x 1
	Component video input	x 1
	HDMI 1	x 1
	HDMI 2 / MHL	x 1
	USB (Type A)	x 1 (5V / 1.5A power supply)
	USB (Type B)	x 1 (Service)
	RS232 (DB-9pin)	x 1
	DC 12V Trigger	x 1
	3D sync output	x 1
	IR receiver	x 2 (front & rear)
Physical	Dimensions (W x H x D)	431 x 167 x 321 mm
	Weight (with Standard lens)	8.8 kg (19.4 lbs)
Power	Power Supply	AC100 to 240V, 50 to 60 Hz
	Power Consumption	Normal 370W, Eco 290W, Standby <0.5W
Audible Noise	31 / 28 dBA (Normal / Economic mode)	
On-Screen Display Languages	Arabic / Bulgarian / Croatian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hindi / Hungarian / Italian / Indonesian / Japanese / Korean / Norwegian / Polish / Portuguese / Romanian / Russian / Simplified Chinese / Spanish / Swedish / Turkish / Thai / Traditional Chinese (28 Languages)	
Picture Modes	** ISF Disabled: Bright / Vivid / THX / Game / User 1 / User 2 / (3D) *** ISF Enabled: Bright / Vivid / THX / Game / User 1 / User 2 / ISF Night / ISF Day / (3D)	
Accessories	Standard	Remote Control with Battery Power Cord (by region) User Manual CD Quick Start Guide Warranty Card DLP 3D Glasses (specific regions only)
	Optional	Spare Lamp Kit Ceiling Mount Wireless FHD Kit (WDP01 & WDP02) Optional Lens

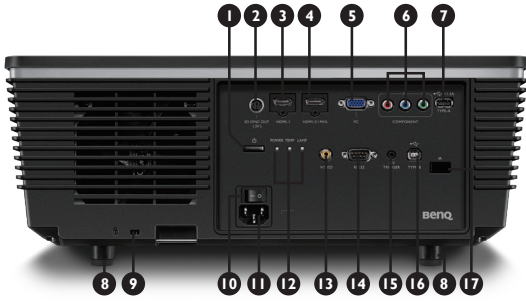
* Lamp life results will vary depending on environmental conditions and usage.

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

** Default picture mode is Cinema (Rec. 709). When 3D is on, picture mode menu only show 3D. When 3D is off, 3D will also disappear.

*** When ISF is enable, default picture mode is ISF Night. When 3D is on, picture mode menu only show 3D. When 3D is off, 3D will also disappear.

Input and Output Terminals

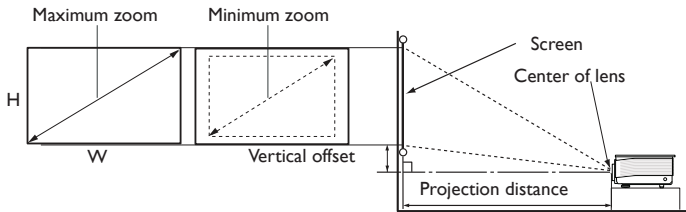


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| <ul style="list-style-type: none"> 1 Power button 2 3D Sync output 3 HDMI 1 input jack 4 HDMI 2 / MHL dual mode port
Also can be charging connected MHL compatible smart device as long as the projector is powered on. 5 PC input jack 6 Component Y / Pb / Pr input 7 USB TYPE-A 1.5A
Used for charging the receiver box of the Wireless FHD Kit (WDP01) (optional accessory) 8 Front adjuster feet 9 Kensington anti-theft lock slot | <ul style="list-style-type: none"> 10 AC Power Switch 11 AC power cord inlet 12 Indicator light (power, temperature, lamp) 13 VIDEO input jack 14 RS-232 control port
Used to interface with a PC or home theater control / automation system. 15 12V TRIGGER out jack
Used to trigger external device such as an electric screen or light control, etc. Consult your dealer for how to connect these devices. 16 USB TYPE-B port 17 Rear IR remote sensor |
|--|--|

Dimensions



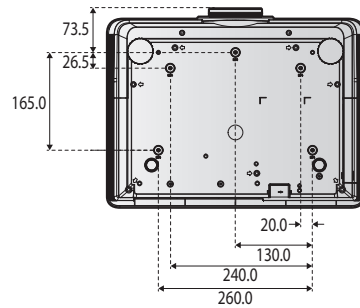
Distance Chart



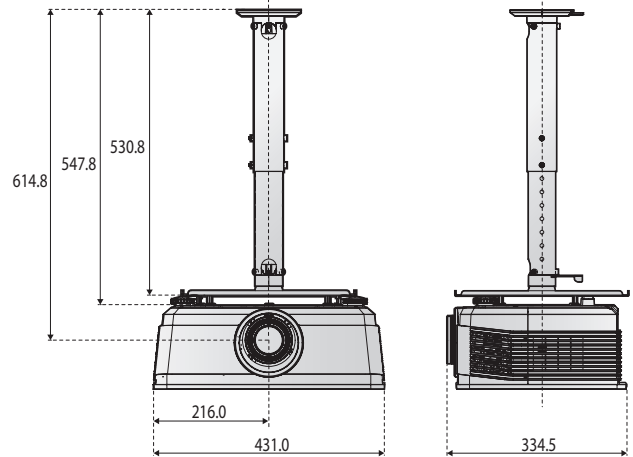
Screen size					Wide Zoom Distance				Standard Distance				
Diagonal		Width		Height		Wide		Tele		Wide		Tele	
Inch	m	Inch	m	Inch	m	Inch	m	Inch	m	Inch	m	Inch	m
80	2.03	70	1.77	39	1.00	77	1.95	91	2.30	107	2.73	135	3.42
100	2.54	87	2.21	49	1.25	96	2.44	113	2.88	134	3.41	168	4.27
120	3.05	105	2.66	59	1.49	115	2.92	136	3.45	161	4.09	202	5.13
150	3.81	131	3.32	74	1.87	144	3.65	170	4.32	201	5.11	252	6.41
200	5.08	174	4.43	98	2.49	192	4.87	227	5.76	268	6.82	336	8.55
300	7.62	261	6.64	147	3.74	288	7.31	340	8.63	-	-	-	-
400	10.16	349	8.86	196	4.98	-	-	-	-	-	-	-	-
500	12.70	436	11.07	246	6.23	-	-	-	-	-	-	-	-

Screen size					Semi Long Distance				Long Zoom Distance				Wide Fix Distance		
Diagonal		Width		Height		Wide		Tele		Wide		Tele		NA	
Inch	m	Inch	m	Inch	m	Inch	m	Inch	m	Inch	m	Inch	m	Inch	m
80	2.03	70	1.77	39	1.00	135	3.42	202	5.14	209	5.31	349	8.86	54	1.38
100	2.54	87	2.21	49	1.25	168	4.27	253	6.42	261	6.64	436	11.07	68	1.72
120	3.05	105	2.66	59	1.49	202	5.13	303	7.70	314	7.97	523	13.28	81	2.07
150	3.81	131	3.32	74	1.87	252	6.41	379	9.63	392	9.96	654	16.60	102	2.58
200	5.08	174	4.43	98	2.49	336	8.55	506	12.84	523	13.28	872	22.14	136	3.44
300	7.62	261	6.64	147	3.74	505	12.82	758	19.26	784	19.92	1307	33.21	-	-
400	10.16	349	8.86	196	4.98	673	17.09	1011	25.68	-	-	-	-	-	-
500	12.70	436	11.07	246	6.23	-	-	-	-	-	-	-	-	-	-

Ceiling Mount Chart



*Ceiling Mount Screws:
M4 (Max. L=12, Min. L=10)



BenQ Europe B.V.

Meerenakkerweg 1-17
5652 AR Eindhoven
The Netherlands
Tel: +31 88 8889200
Fax: +31 88 8889299

BenQ.eu

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