



BenQ DLP Projector

TK800

Feature High Light

- * True 4K UHD 8.3M Pixel resolution
- * Hyper-Realistic Video Quality with Projector-Optimized HDR
- * 3000lm High Brightness for Ambient Light Room
- * 92% Rec.709 Coverage
- * Football Mode for Immersive Audiovisual Football Experience
- * Short Distance Projection, 100 inches at 3.25 meters
- * Auto Vertical Keystone Correction



Display

Projection System	DLP
DMD type	0.47"
Native Resolution	3840 x 2160 pixels (True 4K, 8.3M pixels)
Brightness	3000 ANSI Lumens
Contrast Ratio*	10,000:1
Display Color	1.07 Billion Colors
Aspect Ratio	Native 16:9 (5 aspect ratio selectable)
Light Source	240W Lamp
Light Source life*	4000/10000/8000 hours(Normal/Eco/SmartEco)

Optical

Throw Ratio	1.47 - 1.76 (100" @ 3.25 m)
Zoom Ratio	1.2x
Keystone Correction	ID, Vertical \pm 40 degrees
Projection Offset	110% \pm 3%
Projection Size (Clear Focus / Maximum)	60"-200" / 300"

Audio

Built-in Speaker	5W x 1
------------------	--------

Special Feature

Security	Security Bar, Kensington Lock
Feature	4K UHD, HDR10, Football Mode, AutoKeystone, Short Throw Lens (100" @3.25m)

Compatibility

Resolution Support	VGA (640 x 480) to 4K UHD (3840 x 2160)
Horizontal Frequency	15K-135KHz
Vertical Scan Rate	23-120Hz
HDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p, 2160p
Video Compatibility	N/A

Power

Power Consumption(Max/Normal/Eco)	Max 385W, Normal 330W, Eco 250W
Standby Power Consumption	0.5W Max. at 100 ~ 240VAC
Power Supply	VAC 100 ~ 240 (50/60Hz)

Dimension and Weight

Product Dimensions (WxHxD)	353mm x 135mm x 272mm
Product Weight	4.2 kg (9.26 lbs)

Operation Condition

Noise Level(Normal/Eco)	33/29 dBA
Operating Temperature	0 ~ 40°C

Accessories

Accessories (Standard)	Power Cord Remote Control (RCV015) AAA Battery x 2 Lens Cover x 1 User Manual CD Quick Start Guide Warranty Card (by region)
Accessories (Optional)	Spare Lamp Kit Ceiling Mount Wireless FHD Kit QCast Mirror DLP 3D Glasses (GDG5) Carry Bag (SJJ4N09.00)

OSD

On Screen Display Language	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/
----------------------------	--

Environment Notice

*Lamp 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.

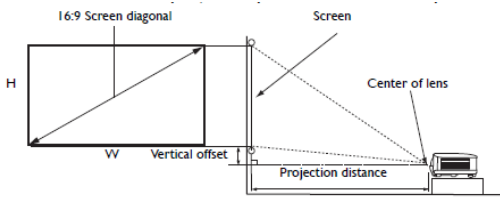


Connectivity



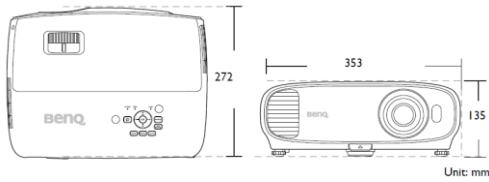
No	I/O Name	Quantity
1	HDMI-1 (HDCP2.2)	1
2	HDMI-2 (HDCP1.4)	1
3	PC In-1 (D-sub 15pin, Female)	1
4	USB Type A(1.5A power)	1
5	USB Type mini B (Service)	1
6	RS232 In (D-sub 9pin, male)	1
7	DC 12V Trigger (3.5mm Jack)	1
8	Audio In (mini jack)	1
9	Audio Out (mini jack)	1
10	IR Receiver (Front & Top)	1

Installation



Dimensions

353 mm (W) x 135 mm (H) x 272 mm (D)



Screen size		Distance from screen (mm)					Vertical offset (mm)
Diagonal		H (mm)	W (mm)	Min length (max. zoom)	Average	Max length (min. zoom)	
30	762	374	664	976	1073	1169	37
40	1016	498	886	1302	1430	1559	50
50	1270	623	1107	1627	1788	1948	62
60	1524	747	1328	1953	2145	2338	75
70	1778	872	1550	2278	2503	2727	87
80	2032	996	1771	2603	2860	3117	100
90	2286	1121	1992	2929	3218	3507	112
100	2540	1245	2214	3254	3575	3896	125
110	2794	1370	2435	3580	3933	4286	137
120	3048	1494	2657	3905	4290	4676	149
130	3302	1619	2878	4231	4648	5065	162
140	3556	1743	3099	4556	5005	5455	174
150	3810	1868	3321	4881	5363	5844	187
160	4064	1992	3542	5207	5720	6234	199
170	4318	2117	3763	5532	6078	6624	212
180	4572	2241	3985	5858	6436	7013	224
190	4826	2366	4206	6183	6793	7403	237
200	5080	2491	4428	6509	7151	7793	249
210	5334	2615	4649	6834	7508	8182	262
220	5588	2740	4870	7159	7866	8572	274
230	5842	2864	5092	7485	8223	8961	286
240	6096	2989	5313	7810	8581	9351	299
250	6350	3113	5535	8136	8938	9741	311
260	6604	3238	5756	8461	9296	10130	324
270	6858	3362	5977	8787	9653	10520	336
280	7112	3487	6199	9112	10011	10910	349
290	7366	3611	6420	9437	10368	11299	361
300	7620	3736	6641	9763	10726	11689	374

For example, if you are using a 120-inch screen, the recommended projection distance is 4290 mm.

If your measured projection distance is 500 cm, the closest match in the "Distance from screen (mm)" column is 5005 mm. Looking across this row shows that a 140" (about 3.6 m) screen is required.

Feature icons

