

TK810

BenQ DLP Projector



Features

- True 4K UHD (3840 x 2160) 8.3M Pixel resolution
- Vivid Colors and High Brightness Cut Through Living Room Ambient Light
- 92% Rec.709 coverage with optimized Color Wheel
- Brand new BenQ Android Launcher enables multiple & intuitive Home Entertainment apps experience
- Google Assistant Video Search & Play brings instant content playing
- Wireless Bluetooth speaker Audio Experience is supported
- HDR - Hyper-Realistic Video Quality with projector-optimized HDR10 and HLG



Product Specifications

Projection System	DLP
DMD type	0.47"
Native Resolution	4K UHD (3840 x 2160) Resolution
Brightness	3,200 ANSI Lumens
Contrast Ratio**	10,000 : 1
Display Color	30 Bits (1.07 billion colors)
Aspect Ratio	Native 16 : 9 (6 aspect ratios selectable)
Light Source	Lamp
Light Source life***	Normal 4,000 hours / Eco 10,000 hours / SmartEco 15,000 hours
Throw Ratio	1.48 - 1.62 (100" @ 3.29 m)
Zoom Ratio	1.1X
Keystone Correction	1D, (Auto) Vertical ± 30 degrees
Projection Offset	100%
Projection Size (Clear Focus / Maximum)	40"~200" / 30"~300"
Built-in Speaker	5W x 1 (Chamber)
Picture Mode	1.48 - 1.62 (100" @ 3.29 m)
Color Wheel Segment	4 segment (RGBW)
Color Wheel Speed	2D: 96Hz; 100Hz; 120Hz / 3D: 120Hz
Security	Security Bar; Kensington lock
Feature	HDR10, HLG, 3D, CinemaMaster Video + (Motion Enhancer 4K, Pixel Enhancer 4K), CinemaMaster Audio + 2, Auto Keystone
Resolution Support****	VGA (640 x 480) to 4K UHD (3840 x 2160)
Horizontal Frequency	15K-135KHz
Vertical Scan Rate	23-120Hz
HDTV Compatibility	720p 50/60Hz, 1080i 50/60Hz, 1080p 24/25/30/50/60Hz, 2160p 23/24/25/30/60Hz
Power Consumption (Max / Normal / Eco)	350W / 340W / 280W
Standby Power Consumption	0.5W Max. at 100 ~ 240VAC
Power Supply	VAC 100 ~ 240 (50/60Hz)
Product Dimensions (W x H x D)	380 x 127 x 263 mm
Product Weight	4.2 kg
Noise Level (Normal / Eco)	32 / 30 dBA
Operating Temperature	0~40 degrees (Celsius)
Accessories (Standard)	Wireless Dongle WDR02U (5J.JL528.001) Bluetooth Remote Control - RCI066 with AAA Battery x 2 (5J.JL906.001) Power Cord (by region) x 1 User Manual CD (12L) Quick Start Guide (12L) Warranty Card (by region)
Accessories (Optional)	Spare Lamp Kit (5J.JKC05.001) 3D Glasses
On Screen Display Language	English / French / German / Japanese / Korean / Portuguese / Simplified Chinese / Spanish / Traditional Chinese / Arabic / Hindi / Italiano

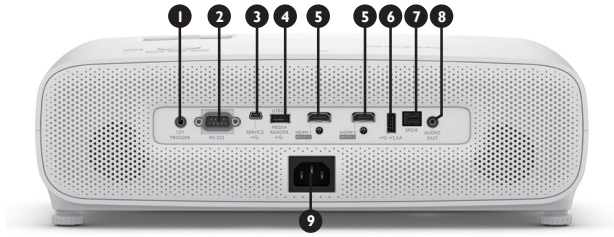
*Google Assistant on TK810 is now only supports English

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

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

****In 3D Mode: Resolution is 1920x1080 in 3D Mode.

Input and Output Terminals

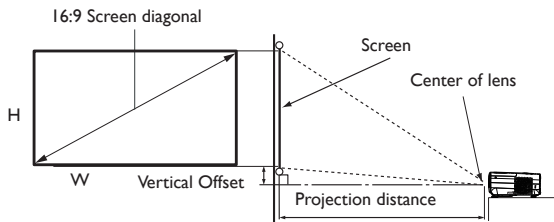


- ❶ DC 12V Trigger (3.5 mm Jack)
- ❷ RS232 input (D-sub 9pin, male)
- ❸ USB Type min B (FW download, service)
- ❹ USB Type A (Media Reader, FW download)
- ❺ HDMI (HDCP2.2)
- ❻ USB Type A (5V/2.5A power)
- ❼ Audio output (S/PDIF)
- ❽ Audio output (mini jack)
- ❾ AC Power cable inlet

Dimensions



Distance Chart

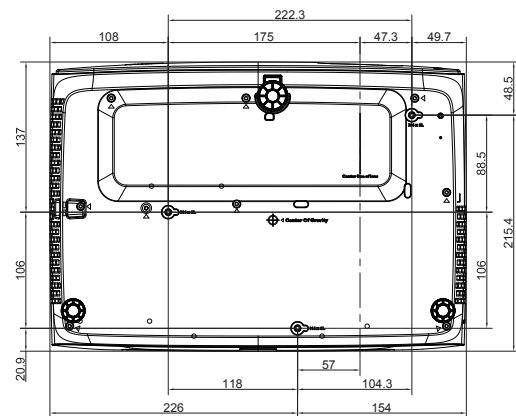


Screen Size				Distance from Screen			Vertical offset
Diagonal	Height	Width	Min length (max zoom)	Average	Max length (min zoom)		
inch	mm	mm	mm	mm	mm	mm	
30	762	374	664	957	1007	1057	21
40	1016	498	886	1291	1358	1425	28
50	1270	623	1107	1624	1708	1792	35
60	1524	747	1328	1958	2059	2160	41
80	2032	996	1771	2625	2760	2895	55
100	2540	1245	2214	3293	3462	3631	69
120	3048	1494	2657	3960	4163	4366	83
140	3556	1743	3099	4627	4864	5101	97
160	4064	1992	3542	5295	5566	5837	111
180	4572	2241	3985	5962	6267	6572	124
200	5080	2491	4428	6629	6968	7307	138
220	5588	2740	4870	7296	7670	8043	152
250	6350	3113	5535	8297	8722	9146	173
300	7620	3736	6641	9966	10475	10984	207

* The screen aspect ratio is 16:9 and the projected picture is in a 16:9 aspect ratio

Ceiling Mount Chart

Ceiling/Wall mount screw: M4
(Max L = 25 mm; Min L = 20 mm)



Unit: mm

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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