

# TK860

## BenQ Bright Cinema Projector



### Features

- True 4K UHD, 8.3M Pixel resolution
- 3300 ANSI Lumens
- 98% Rec. 709 Colour Coverage
- BenQ HDR Pro™
- 1.3X big zoom lens and Vertical lens shift



### Product Specifications

<b>Product Number / EAN Code</b>	9H.JNP77.37E / 471 8755 08864 3
<b>Projection System</b>	DLP
<b>DMD type</b>	0.47"
<b>Native Resolution</b>	4K UHD (3840 x 2160) Resolution
<b>Brightness</b>	3300 ANSI Lumens
<b>Contrast Ratio*</b>	50,000 : 1 (Dynamic IRIS)
<b>Display Color</b>	30 Bits (1,07 billion colors)
<b>Aspect Ratio</b>	Native 16 : 9 (3 aspect ratio selectable)
<b>Light Source</b>	Lamp
<b>Light Source Life**</b>	4,000 / 10,000 / 15,000hrs (Normal / Eco / SmartEco)
<b>Throw Ratio</b>	1.13 - 1.47 (100" @ 2.5 m)
<b>Zoom Ratio</b>	1.3X
<b>Keystone Correction</b>	2D, Auto Vertical & Manual Horizontal ± 30 degree
<b>Projection Offset</b>	100%
<b>Lens Shift</b>	Vertical +10%
<b>Projection Size (Clear Focus / Maximum)</b>	40"~200" / 30"~300"
<b>Built-in Speaker</b>	5W treVolo Speaker x 2
<b>Picture Mode</b>	Bright / Living Room / Game / Sports / Cinema / (3D) / (HDR10) / (HDR Game) / (HDR10+) / (HLG) / User
<b>Color Wheel Segment</b>	4 segment (RGBW)
<b>Color Wheel Speed</b>	2D: 96Hz; 100Hz; 120Hz 3D: 120Hz
<b>Security</b>	Security Bar, Kensington lock
<b>Resolution Support</b>	VGA (640 x 480) to 4K UHD (3840 x 2160)
<b>Horizontal Frequency</b>	15K-135KHz
<b>Vertical Scan Rate</b>	23-240Hz
<b>HDTV Compatibility</b>	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 2160p
<b>Power Consumption (Max / Normal / Eco)</b>	350W / 340W / 280W
<b>Standby Power Consumption</b>	< 0.5W
<b>Power Supply</b>	AC 100 ~ 240V (50/60Hz)
<b>Product Dimensions (W x H x D)</b>	380 x 127 x 263 mm
<b>Product Weight</b>	4.2 kg
<b>Noise Level (Normal / Eco Mode)</b>	30/28 dBA
<b>Operating Temperature</b>	0 ~ 40°C
<b>Accessories (Standard)</b>	Remote Control (RCI074: 5J.JR406.003) Power Cord 1.8M (by region) Quick Start Guide (14L) Warranty Card (by region) Lens Cover
<b>Accessories (Optional)</b>	Spare Lamp Kit (5J.JKC05.001) 3D Glasses
<b>On Screen Display Language</b>	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 / Farsi / Vietnamese (30 Languages)

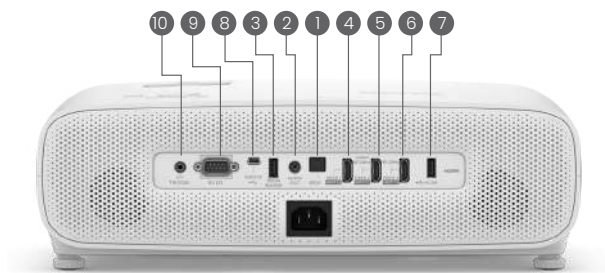
\* The Contrast is measured by Full On Full Off standard.

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



## Input and Output Terminals

	I/O Name	Quantity
1	SPDIF audio output (5.1 channel audio pass through)	1
2	Audio output (3.5mm jack)	1
3	USB Type-A (Media Reader/Scalar Firmware upgrade)	1
4	HDMI-1 (HDCP2.2)	1
5	HDMI-2 (HDCP2.2) (Audio Return+) (5.1/7.1/Dolby Atmos audio pass through)	1
6	HDMI-3 (HDCP2.2)	1
7	USB Type-A (2.5A power supply)	1
8	USB (Type Mini B)	1
9	RS232 input (D-sub 9pin, male)	1
10	DC 12V Trigger	1

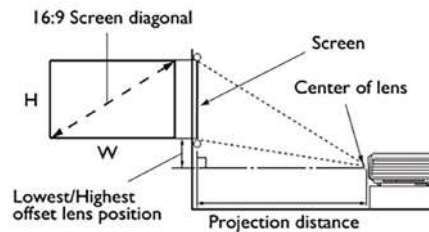


## Dimensions



## Distance Chart

Screen size				Distance from screen (mm)		
Diagonal		H	W	Min length	Average	Max length
Inch	mm	(mm)	(mm)	(max zoom)		(min zoom)
30	762	374	664	750	863	976
40	1016	498	886	1001	1151	1302
50	1270	623	1107	1251	1439	1627
60	1524	747	1328	1501	1727	1953
70	1778	872	1550	1751	2015	2278
80	2032	996	1771	2001	2302	2603
90	2286	1121	1992	2251	2590	2929
100	2540	1245	2214	2502	2878	3254
110	2794	1370	2435	2752	3166	3580
120	3048	1494	2657	3002	3454	3905
130	3302	1619	2878	3252	3741	4231
140	3556	1743	3099	3502	4029	4556
150	3810	1868	3321	3752	4317	4881
160	4064	1992	3542	4003	4605	5207
170	4318	2117	3763	4253	4893	5532
180	4572	2241	3985	4503	5180	5858
190	4826	2366	4206	4753	5468	6183
200	5080	2491	4428	5003	5756	6509
210	5334	2615	4649	5253	6044	6834



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