TK860i

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
- Google certificated android TV dongle with Netflix – QS02

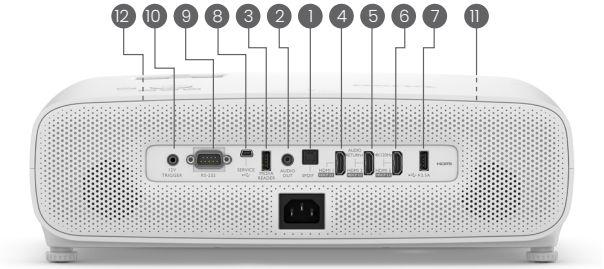
Product Specifications

Product Number / EAN Code	9H.JR477.37E / 471 8755 08960 2
Projection System	DLP
DMD type	0.47"
Native Resolution	4K UHD (3840 x 2160) Resolution
Brightness	3300 ANSI Lumens
Contrast Ratio*	50,000 : 1 (Dynamic IRIS)
Display Color	30 Bits (1,07 billion colors)
Aspect Ratio	Native 16 : 9 (3 aspect ratio selectable)
Light Source	Lamp
Light Source Life**	4,000 / 10,000 / 15,000hrs (Normal / Eco / SmartEco)
Throw Ratio	1.13 - 1.47 (100" @ 2.5 m)
Zoom Ratio	1.3X
Keystone Correction	2D, Auto Vertical & Manual Horizontal ± 30 degree
Projection Offset	100%
Lens Shift	Vertical +10%
Projection Size (Clear Focus / Maximum)	40"~200" / 30"~300"
Built-in Speaker	5W treVolo Speaker x 2
Picture Mode	Bright / Living Room / Game / Sports / Cinema / (3D) / (HDR10) / (HDR Game) / (HDR10+) / (HLG) / User
Color Wheel Segment	4 segment (RGBW)
Color Wheel Speed	2D: 96Hz; 100Hz; 120Hz 3D: 120Hz
Security	Security Bar, Kensington lock
Resolution Support	VGA (640 x 480) to 4K UHD (3840 x 2160)
Horizontal Frequency	15K-135KHz
Vertical Scan Rate	23-240Hz
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 2160p
Power Consumption (Max / Normal / Eco)	350W / 340W / 280W
Standby Power Consumption	< 0.5W
Power Supply	AC 100 ~ 240V (50/60Hz)
Product Dimensions (W x H x D)	380 x 127 x 263 mm
Product Weight	4.2 kg
Noise Level (Normal / Eco Mode)	30/28 dBA
Operating Temperature	0 ~ 40°C
Accessories (Standard)	Remote Control (RCI074: 5J.JR406.003) Android TV Dongle QS02 (5A.JH328.01A) and QS02 Remote Control (C008: 5J.JH306.002) Power Cord 1.8M (by region) Quick Start Guide (14L) Warranty Card (by region) Lens Cover
Accessories (Optional)	Spare Lamp Kit (5J.JKC05.001) 3D Glasses
On Screen Display Language	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

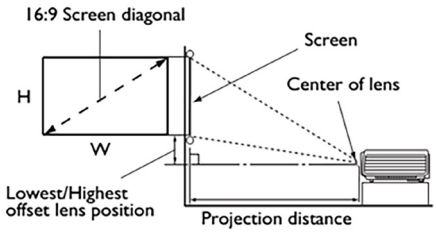
	I/O Name	Quantity
1	SPDIF audio output *(5.1 channel audio pass through)*	1
2	Audio output *(3.5mm jack)*	1
3	USB Type-A *(Media Reader/Scalar Firmware upgrade)*	1
4	HDMI-1 *(HDCP2.2)*	1
5	HDMI-2 *(HDCP2.2) (Audio Return+) (5.1/7.1/Dolby Atmos audio pass through)*	1
6	HDMI-3 *(HDCP2.2)*	1
7	USB Type-A *(2.5A power supply)*	1
8	USB *(Type Mini B)*	1
9	RS232 input *(D-sub 9pin, male)*	1
10	DC 12V Trigger	1
	Hidden Space for ATV dongle	
11	HDMI Male cable *(2.0b, HDCP2.2)*	1
12	Micro USB Male cable *(Power supply 5V/1.5A)*	1



Dimensions

Distance Chart

Screen size				Distance from screen (mm)		
Diagonal		H (mm)	W (mm)	Min length (max zoom)	Average	Max length (min zoom)
Inch	mm					
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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