W2710i

BenQ DPL Cinema Projector

Features

- True 4K UHD, 8.3M Pixel resolution
- BenQ CinematicColor™ 95% DCI-P3 Wide Color Gamut & 100% Rec. 709
- HDR10/HLG/HDR10+
- Enhanced Dynamic Contrast
- Factory Calibrated Report
- 1.3X big zoom lens and Vertical lens shift
- Google certificated android TV dongle with Netflix – QS02

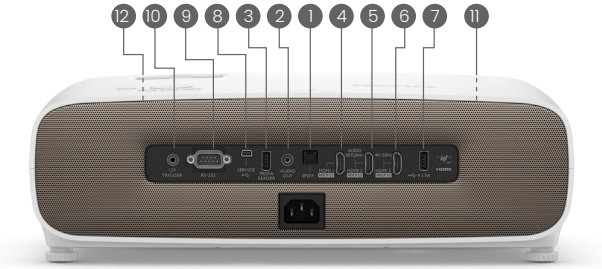
Product Specifications

Product Number / EAN Code	9H.JR977.38E / 471 8755 08960 2
Projection System	DLP
DMD type	0.47"
Native Resolution	4K UHD (3840 x 2160) Resolution
Brightness	2200 ANSI Lumens
Contrast Ratio*	50,000 : 1
Display Color	30 Bits (1,07 billion colors)
Aspect Ratio	Native 16 : 9
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	*** ISF Disabled: Bright / Bright Cinema / Cinema / FILMMAKER MODE / 3D / User / HDR10 / HDR10+ / HLG **** ISF Enabled: Bright / Bright Cinema / Cinema / FILMMAKER MODE / ISF Night / ISF Day
Color Wheel Segment	6 segments
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 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 Mode)	30/28 dBA
Operating Temperature	0 ~ 40°C
Accessories (Standard)	Remote Control (RCI074: 5J.JR406.001) Android TV Dongle QS02 (5A.JH328.01A) and QS02 Remote Control (RCI076: 5J.JH306.002) Power Cord 3m (by region) User Manual E-edition (27L) 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 (28 Languages)

* The Contrast is measure 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



Color Depth

Display format (refresh rate)	Chroma subsampling	8 Bit	10 Bit
4K/60p (60 Hz)	4:04:04	V	V
	4:02:02	V	V
	4:02:00	V	V
4K/50p (50 Hz)	4:04:04	V	V
	4:02:02	V	V
	4:02:00	V	V
4K/30p (30 Hz)	4:04:04	V	V
	4:02:02	V	V
	4:02:00	V	V
4K/24p (24 Hz)	4:04:04	V	V
	4:02:02	V	V
	4:02:00	V	V

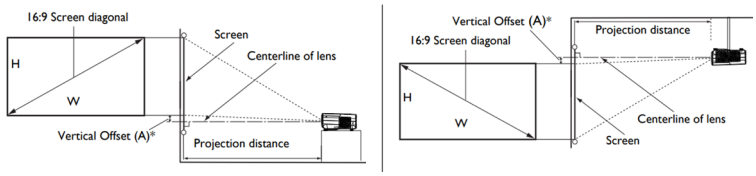
Dimensions

Distance Chart

Use the tables below to help you determine the projection distance.

Screen size				Distance from screen (mm)			*Vertical offset (A)
Diagonal		H (mm)	W (mm)	Min. length (max. zoom)	Average	Max. length (min. zoom)	Distance between center of lens to imageborder (mm)
Inch	mm						
30	762	374	664	750	863	976	0 - 37
40	1016	498	886	1001	1151	1302	0 - 50
50	1270	623	1107	1251	1439	1627	0 - 62
60	1524	747	1328	1501	1727	1953	0 - 75
70	1778	872	1550	1751	2015	2278	0 - 87
80	2032	996	1771	2001	2302	2603	0 - 100
90	2286	1121	1992	2251	2590	2929	0 - 112
100	2540	1245	2214	2502	2878	3254	0 - 125
110	2794	1370	2435	2752	3166	3580	0 - 137
120	3048	1494	2657	3002	3454	3905	0 - 150
130	3302	1619	2878	3252	3741	4231	0 - 162
140	3556	1743	3099	3502	4029	4556	0 - 175
150	3810	1868	3321	3752	4317	4881	0 - 187
160	4064	1992	3542	4003	4605	5207	0 - 199
170	4318	2117	3763	4253	4893	5532	0 - 212
180	4572	2241	3985	4503	5180	5858	0 - 224
190	4826	2366	4206	4753	5468	6183	0 - 237
200	5080	2491	4428	5003	5756	6509	0 - 249

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



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