



LH850ST

BenQ DLP Projector

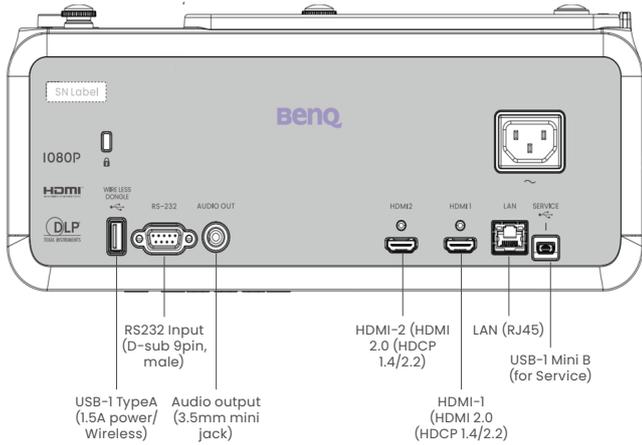
- 4000 ANSI Lumens Laser Light Source
- Short Throw 0.5 & Quick Focus
- 2D Keystone and Corner Fit
- Screen Fill Hot Key
- Optional Filter
- Factory White Balance Adjustment

Display	
Projection System	DLP Single 0.65"
DMD Type	1080P
Native Resolution	1920 x 1080
Brightness	4000 ANSI Lumens
Contrast Ratio*	3,000,000 : 1
Display Colour	30 Bits (1.07 Billion Colours)
Aspect Ratio	Native 16:9 (4 Aspect Ratio Selectable)
Light Source	Laser
Light Source Life** (Normal / Eco)	20,000 / 30,000 hours
Optical	
Throw Ratio	0.499
Zoom Ratio	Fixed
Lens Control	Motorised Focus
Keystone Correction	2D Vertical & Horizontal ±30 degrees
Projection Offset	112% ±3%
Projection Size	90" ~ 140"
Projection Size	60" ~ 200"
Audio	
Built-In Speaker	10W x1
Special Feature	
Security	Kensington Security Bar
Features	Quick Focus, 2D Keystone and Corner Fit, Default Simulation Mode, Wi-Fi Solution, Factory White Balance Adjustment
Compatibility	
Resolution Support	VGA (640 x 480) to 4K UHD (3840x2160)
Horizontal Frequency	15K ~ 135KHz
Vertical Scan Rate	23 ~ 120Hz
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Power	
Power Consumption (Max / Normal / Eco)	300W / 250W / 200W
Standby Power Consumption	Normal < 0.5W
Power Supply	100 ~ 240V AC
Dimension and Weight	
Product Dimensions (W x H x D)	320 x 130.6 x 256.9 mm
Product Weight	5.1 kg
Operation Condition	
Noise Level (Normal / Eco)	32 / 29 dBA
Operating Temperature	0-40°C
Accessories	
Accessories (Standard)	QSG, Remote Control (RCE018 / 5J.JSS06.001), Battery AA, Power Cord (3m), Warranty Card (by Region), Regulatory Statement Hard Cop
Accessories (Optional)	Dongle (EZC5201BS / 5J.JPT28.001), Filter (Cover: 5J.JT414.101 / Sponge: 5J.JT414.001)
OSD	
On Screen Display Language	Arabic / Bulgarian / Croatian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hindi / Hungarian / Italian / Indonesian / Japanese / Korean / Norwegian / Persian / Polish / Portuguese / Romanian / Russian / Simplified Chinese / Spanish / Swedish / Turkish / Thai / Traditional Chinese / Vietnam (30 languages)
Other	
Part Number / EAN Code	9H.JT477.23E / 471 8755 09483 5

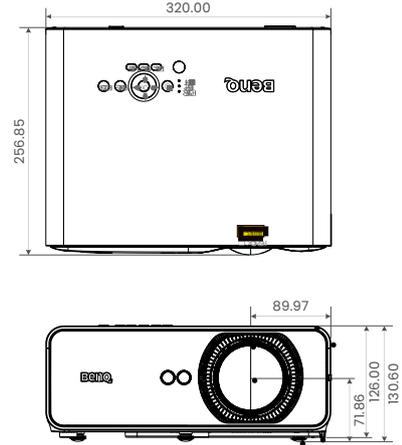
* The Contrast is measured by Full On/Full Off standard.

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

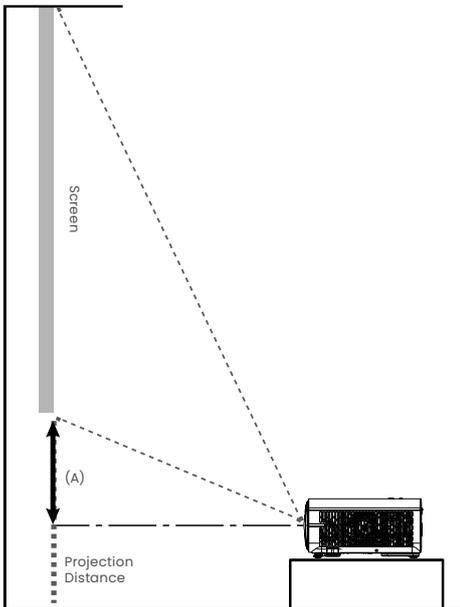
INPUT AND OUTPUT TERMINALS



DIMENSIONS (MM)



PROJECTION DIMENSIONS

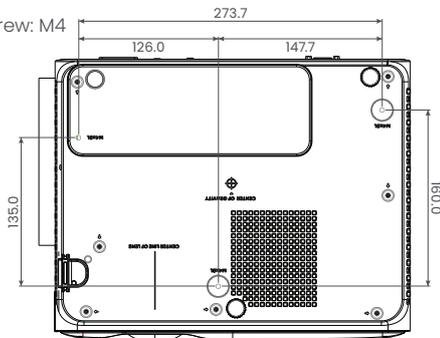


DISTANCE CHART

Diagonal	Image Width	Image Height	Offset		Distance				
			Projector Top to Screen Bottom (A)	Center of Cover Glass to Screen (B)					
Inch	mm	Inch	mm	Inch	mm	Inch	mm		
90	2286	78	1992	44	1121	5.29	134.5	39.14	994.2
100	2540	87	2214	49	1245	5.88	149.4	43.49	1104.7
110	2794	96	2435	54	1370	6.47	164.4	47.84	1215.6
120	3048	105	2657	59	1494	7.06	179.3	52.19	1325.6
130	3302	113	2878	64	1619	7.65	194.3	56.54	1436.1
140	3556	122	3099	69	1743	8.24	209.2	60.89	1546.6
150	3810	131	3321	74	1868	8.82	224.1	65.24	1657.0
160	4064	139	3542	78	1992	9.41	239.1	69.59	1767.5
170	4318	148	3763	83	2117	10.00	254	73.94	1878.0
180	4572	157	3985	88	2241	10.59	269	78.28	1988.4
190	4826	166	4206	93	2366	11.18	283.9	82.63	2098.9
200	5080	174	4428	98	2491	11.77	298.9	86.98	2209.4
210	5334	183	4649	103	2615	12.35	313.8	91.33	2319.8
220	5588	192	4870	108	2740	12.94	328.7	95.68	2430.3

CEILING / WALL MOUNT CHART (MM)

Ceiling/Wall mount screw: M4
L = 8 mm



www.benq.eu/en-eu/business/projector.html

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

*To optimize your projection quality, we suggest to do the projection within non-gray area.

BenQ

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