

# V6050

## BenQ DLP Laser Projector



### Features

- True 4K UHD (3840 x 2160) 8.3 Million Pixels Resolution
- HDR Pro: Hyper-Realistic Video Quality with Projector-Optimized HDR10 & HLG
- Covers 96% Rec.709 and 98% DCI-P3 Wide Color Space
- Laser Light Source Provides at Least 20,000 hours of Operation
- CinemaMaster Video Enhancer (4K MEMC, Detail Enhancement)
- Ultra Short Throw Projection
- Eye Protection Motion Sensor
- 3D Compatibility



### Product Specifications

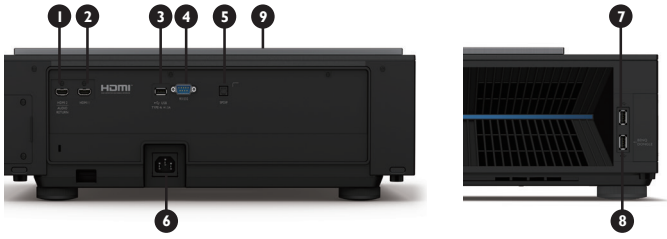
<b>Projection System</b>	DLP
<b>DMD type</b>	0.47"
<b>Native Resolution</b>	4K UHD (3840 x 2160) Resolution
<b>Brightness</b>	3,000 ANSI Lumens
<b>Contrast Ratio*</b>	3,000,000 : 1
<b>Display Color</b>	30 Bits (1,07 billion colors)
<b>Aspect Ratio</b>	Native 16 : 9 (4:3)
<b>Light Source</b>	Laser + Phosphor
<b>Light Source life**</b>	20,000 hours (Typical, Light Source Only)
<b>Throw Ratio</b>	0.252 (90" ± 3% @ 0.503 m)
<b>Keystone Correction</b>	Vertical ± 30 degrees
<b>Projection Size (Clear Focus / Maximum)</b>	70"~120"
<b>Built-in Speaker</b>	5W x 2 (Trevolo Speaker)
<b>Picture Mode***</b>	Bright / Living Room / Cinema / DCI-P3 / User / Silence / 3D / HDR10 / HLG
<b>Color Wheel Segment</b>	RGBY
<b>Color Wheel Speed</b>	1X
<b>Security</b>	Security Bar
<b>Feature</b>	HDR10, HLG, 3D, Motion Enhancer 4K, Pixel Enhancer 4K, Eye Protection Sensor
<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>	23-120Hz
<b>HDTV Compatibility</b>	480i, 480p, 576i, 576p, 720p, 1080i, 1080p UHD
<b>Power Consumption (Max / Normal / Eco)</b>	500W / 375W / 220W
<b>Standby Power Consumption</b>	0.5W Max. at 100 ~ 240VAC
<b>Power Supply</b>	VAC 100 ~ 240 (50/60Hz)
<b>Product Dimensions (W x H x D)</b>	500 x 388 x 157 mm
<b>Product Weight</b>	10 kg
<b>Noise Level (Normal / Eco)</b>	34 / 29 dBA (XPR off), 37 / 32 dBA (XPR on)
<b>Operating Temperature</b>	0~40 degrees (Celsius)
<b>Accessories (Standard)</b>	Remote Control with Battery x 1 Power Cord x 1 (3m) Installation Guide Quick Start Guide Warranty Card
<b>Accessories (Optional)</b>	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 (28 Languages)

\* 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.

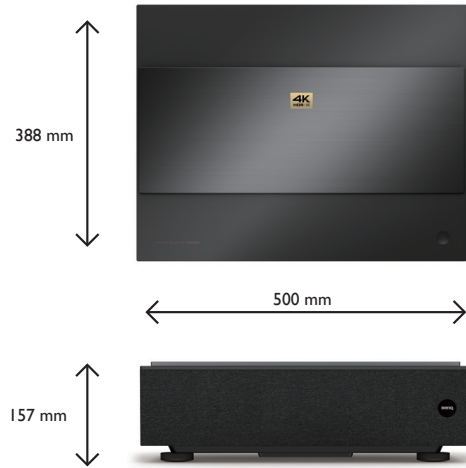
\*\*\* Default picture mode is Living room

## Input and Output Terminals

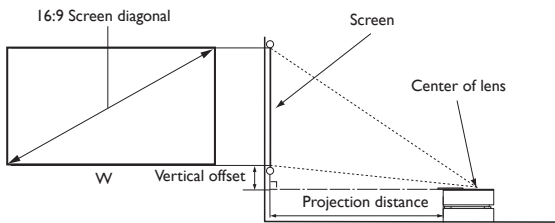


- ❶ HDMI 2 (ARC, 2.0b, HDCP2.2)
- ❷ HDMI 1 (2.0b, HDCP2.2)
- ❸ USB 3.0 Type A (Media Reader, FW upgrade)
- ❹ RS232 input (D-sub 9pin, male)
- ❺ Audio output (S/PDIF)
- ❻ AC Power cable inlet
- ❼ USB 2.0 Type A (Media Reader, FW upgrade, 5V/2.5A for ATV)
- ❽ USB 2.0 Type A (Media Reader, FW upgrade, 5V/2.5A for ATV)
- ❾ Receiver (Front / Top)

## Dimensions



## Distance Chart



Screen Size				Projection Distance	Vertical Offset
Diagonal	Height	Width			
inch	mm	mm	mm	mm	mm
70	1778	1550	872	73	160
80	2032	1771	996	120	191
90	2286	1992	1121	176	221
95	2413	2103	1183	200	236
100	2540	2214	1245	222	252
120	3048	2657	1494	331	313

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

## Extra Features



- Automatic Sunroof Slider Design



- Built-in TreVolo Front Speakers



- Integrated Screen-size Measuring Tool

## Color Depth

Display format (refresh rate)	Chroma subsampling	8 Bit	10 Bit	12 Bit
4K/60p (60 Hz)	04:04:04	Yes	No	No
	04:02:02	Yes	Yes	Yes
	04:04:04csc	Yes	Yes	Yes
4K/24p (24 Hz)	04:04:04	Yes	Yes	Yes
	04:02:02	Yes	Yes	Yes
	04:02:00	Yes	Yes	Yes
1080P/60P (60 Hz)	04:04:04	Yes	Yes	Yes
	04:02:02	Yes	Yes	Yes
	04:02:00	Yes	Yes	Yes
1080P/24P (24 Hz)	04:04:04	Yes	Yes	Yes
	04:02:02	Yes	Yes	Yes
	04:02:00	Yes	Yes	Yes

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