V7000i

BenQ DLP Projector



Features

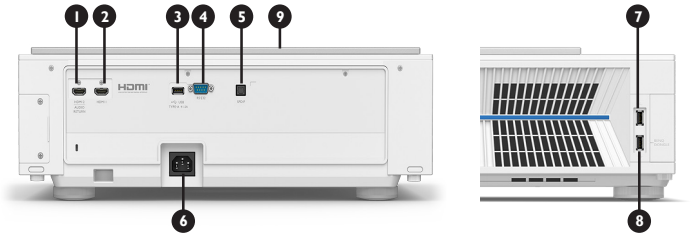
- Light Source Life : 20,000hr (Typical, light source only)
- 0.47" 4K UHD
- HDR10 and HLG
- HDR Pro : Enhanced Dynamic Range for HDR
- Rec.709 96% and DCI-P3 98%
- 3D compatibility
- Andriod TV inside
- FILMMAKER MODE

Product Specifications

Projection System	DLP	
DMD type	0.47"	
Native Resolution	4K UHD (3840 x 2160)	
Brightness	2500 (marketing)	
Contrast Ratio (FOFO)*	2,000,000 : 1 (Dynamic)	
Aspect Ratio	Native 16:9(4:3)	
Light Source	Laser + Phosphor	
Light Source life*	20,000hr (Typical, light source only)	
Throw Ratio	0.252 (90"±3%@0.503m)	
Lens	F=2.0; f=2.45mm(approximate)	
Keystone Correction	V keystone only. (degree by lens' spec)	
Projection Size (Clear Focus / Maximum)	70"~120"	
Built-in Speaker	Yes (Trevolo Speaker 5W x 2)	
Picture Mode	Bright, Bright Cinema (Default), FILMMAKER MODE, DCI-P3, Silence, User, HDR10, HLG, 3D	
Color Wheel Segment	RGBRGB	
Color Wheel Speed	2D: 24Hz 5X ; 50Hz 2X ; 60Hz 2X 3D: Max 120Hz	
Security	Security Bar	
Feature	HDR 10, HLG, 3D, Motion Enhancer 4K, Pixel Enhancer 4K, Eye protection sensor, Andriod smart platform, FILMMAKER mode	
HDR10	Yes	
HLG	Yes	
CinemaMaster Video+	Yes	
Resolution Support	VGA (640 x 480) to UHD (3840 x 2160)	
Horizontal Frequency	15~135KHz	
Vertical Scan Rate	23 ~ 120 Hz	
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p UHD	
interface	HDMI (2.0b) (HDCP2.2)	x 2 ("Electronic Control"/ARC only for HDMI 2) (ARC only support 2-channel audio out)
	USB 3.0 Type-A port (Media Reader/Firmware upgrade) (side)	x1 (USB reader/drive, FW downloadl/power supply- 5V 1A)
	USB 2.0 Type-A port (Media Reader/Firmware upgrade) (back)	x1 (USB reader/drive, FW downloadl/power supply - 5V 1.5A)
	USB Type-A port (5V/2.5A power supply) (side)	x1 (only for ATV control/power supply)
	RS232 In (D-sub 9pin, male)	x1
	Audio Out (SPDIF)	x1
	IR Receiver (Front/Top)	Yes (front*1)
Power Consumption (Max / Normal / Eco)	500W / 375W / 220W	
Standby Power Consumption	<0.5W	
Power Supply	AC 100 to 240 V, 50/60 Hz	
Product Dimensions (W x H x D)	500 x 388 x 157 mm	
Product Weight	10kg (+/-100g)	
Noise Level (Normal / Eco)	Typ. 34/29dBA (XPR off)	
Operating Temperature	0~40 degrees (Celcius)	
Accessories (Standard)	Remote Control with Battery x 2 (RCI067 / RCV024) Power Cord (by region) x 1(3m) Quick Start Guide (18L)	
Accessories (Optional)	3D Glasses	
On Screen Display Language	28L	

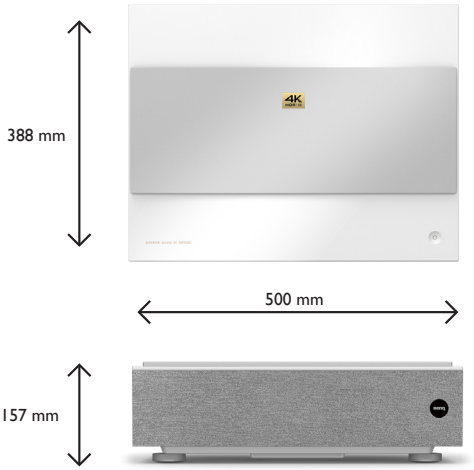
*Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.
** The Contrast is measure by Full On Full Off standard.
*** Default picture mode is Living room

Input and Output Terminals

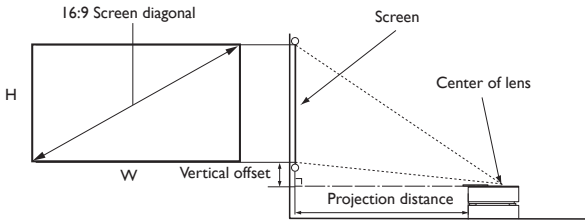


1. HDMI 2 (ARC, 2.0b, HDCP2.2)
2. HDMI 1 (2.0b, HDCP2.2)
3. USB 3.0 Type A (Media Reader, FW upgrade)
4. RS232 input (D-sub 9pin, male)
5. Audio output (S/PDIF)
6. AC Power cable inlet
7. USB 2.0 Type A (Media Reader, FW upgrade, 5V/2.5A for ATV)
8. USB 2.0 Type A (Media Reader, FW upgrade, 5V/2.5A for ATV)
9. Receiver (Front / Top)

Dimensions



Distance Chart



Screen Size				Projection Distance	Vertical Offset
Diagonal		Width	Height		
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
	04:02:00	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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