



BenQ DLP Projector

W5800

Feature Highlight

- * True 4K UHD 8.3M Pixels
- * 2600lm High Brightness
- * BenQ CinematicColor™ 100% DCI-P3 Wide Color Gamut
- * HDR10/HLG/HDR10+
- * Factory Calibrated Report
- * 1.6X big zoom lens (Motorized)
- * Wide-range H&V lens shift (Motorized with rectangular shape)



Display

Projection System	DLP
DMD type	0.47"
Native Resolution	4K UHD (3840 x 2160)
Brightness	2600 ANSI Lumens
Contrast Ratio*	2,000,000:1 (w/ Dynamic Black)
Display Color	30 Bits (1.07 billion colors)
Aspect Ratio	Native 16:9 (4 ratios selectable)
Light Source	Blue Laser
Light Source life**	Normal 20,000 hrs Economic 25,000 hrs

Optical

Throw Ratio	1.52~2.45
Zoom Ratio	1.6X (Motorized)
Lens	F/# 2.1 ~ 3.0, f 16.0 (Wide) ~25.7 (Tele) mm
Keystone Correction	2D, Manual Vertical & Horizontal ± 35 degree
Lens Shift	Vertical ±50%, Horizontal ±21% (Motorized with rectangular shape)
Projection Size (Clear Focus / Maximum)	60" ~ 200" / 300"

Picture

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
DCI-P3 Coverage (Native)	100%

Special Feature

Motion Enhancer	Yes
Local Contrast Enhancer	Yes
ISF	Yes

Compatibility

Resolution Support	VGA (640 x 480) to 4K UHD (3840 x 2160)
Horizontal Frequency	15K~135KHz
Vertical Scan Rate	23~240Hz
HDTV Compatibility	720@50P/60P, 1080@50i/60i/24p/25p/30p/50p/60p/120P, 2160@24p/25p/30p/60p

Interface

HDMI-1 (Audio Return+) (HDCP 2.2, TMDS, CEC/ARC/eARC)	x 1 (5.1/7.1 channel pass through)
HDMI-2 (HDCP 2.2)	x 1
USB 2.0 Type-A port (5V/2.0A Media Reader/Firmware upgrade)	x 1
USB 2.0 Type-A port (5V/1.5A Media Reader/Firmware upgrade)	x 1
USB Type-B port (SERVICE)	x 1
RS232 In (D-sub 9pin, male)	x 1
SPDIF (Audio Out)	x 1 (5.1 channel audio pass through)
3D Sync out	x 1
RJ-45 LAN (Control 4)	x 1
IR Receiver (Front/Back)	x 2

Power

Power Consumption(Max/Normal/Eco)	450W / 380W / 240W
Standby Power Consumption	0.5W Max. at 100 ~ 240VAC
Network Stand-by Power Consumption	<2W
Power Supply	VAC 100 ~ 240 (50/60Hz)

Dimension and Weight

Product Dimensions (WxDxH)	525.2x392.2x145.7 mm
Product Weight	10.5 kg

Operation Condition

Noise Level(Normal/Eco)	30dBA / 27dBA
Operating Temperature	0~40 degrees (Celsius)

Accessories

	Power Cord (by region, 1.8m) x 1 HDMI Cable (3m) x 1 Remote Control(RCV024-5JJRX06.001) x 1 Battery (for RC) x 2
Accessories (Standard)	Calibration Report x 1 Quick Start Guide x 1 Warranty Card (by region) x 1 Regulatory Statements x 1 User Manual E-edition
Accessories (Optional)	3D Glasses Ceiling mount

OSD

On Screen Display Language	4L (English, Traditional Chinese, Simplified Chinese, Hindi)
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Environment Notice

* The Contrast is measure by FOFO standard. (Without WCE)

** Light 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 **Bright Cinema**

**** When ISF is enable, default picture mode is **ISF Night**.

