



Redefining Cinematic Brilliance

Experience the Pinnacle of Home Cinema Projection
with Unmatched Accuracy in 100% DCI-P3 Color



W5800/W5850
4K Home Cinema Projector



4K
ULTRA HD

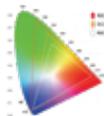


CinematicColor™
100% DCI-P3



BLUE CORE
LASER

1.6x
Motorized
Zoom Lens



2100AL Brightness
in Cinema Mode @ 100% DCI-P3

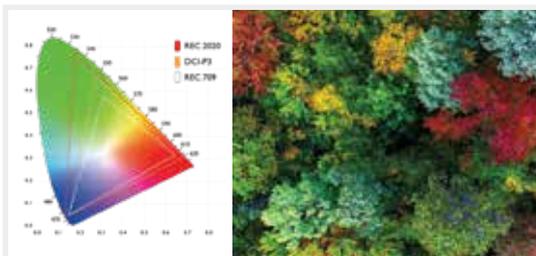


Sync



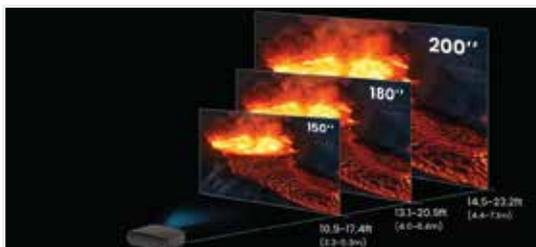
2100AL Brightness

The W5800/W5850 projector sets new gold standard in home cinema projection by delivering 2100 ANSI Lumens brightness in 100% DCI-P3 color gamut.



Wide Color Range

Experience the true essence of professional cinema grade color performance with BenQ CinematicColor™ technology. The W5800/W5850 projector delivers 100% DCI-P3 color with 2100 ANSI Lumens high brightness.



Motorized 1.6x Optical Zoom

1.6x zoom maximizes available space with a range of throw distances for big-screen entertainment without the hassle of complicated installation.

2x HDMI™ 2.1 Ports(1 with Audio Return+)

Supports the 48 Gbps bandwidth, ensuring seamless reception of 4K HDR content at high refresh rates up to 120 Hz.

Dealer's Stamp

* The Contrast is measure by FOFO standard it may vary.

W5800 / W5850 specifications

Display	
Projection System	DLP
Resolution	4K UHD (3840 x 2160) Resolution
Brightness (ANSI Lumens)	2600 ANSI Lumens / 2100 AL in 100% DCI-P3
Contrast Ratio (FOFO)	3,000,000:1 (w/ Dynamic Black)
Display Color	30 Bits (1.07 Billion Colors)
Aspect Ratio	Native 16:9 (4:3/2.35:1/Auto/Anamorphic 2.35:1/ 16:9)
Light Source	Laser (Normal 20,000 Hrs / Eco 25,000 Hrs)
Optical	
Throw Ratio	W5800 (1.52 ~ 2.45) W5850 (1.0 - 1.6)
Zoom Ratio	1.6x (Motorized)
Keystone	2D, Manual Vertical & Manual Horizontal ± 35°
Lens Shift	W5800 - Vertical ±50%, Horizontal ±21% (Motorized) W5850 - Vertical ±50%, Horizontal ±15% (Motorized)
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 (WCG on)	100%
Special Features	
Motion Enhancer	Yes
Local Contrast Enhancer	Yes
Control 4	Yes
Fast Mode	Yes (<18ms @ 4K 60Hz / 1080p 60Hz, <13ms @1080p 120Hz)
Compatibility	
Resolution Support	VGA (640 x 480) to 4K UHD (3840 x 2160)
Horizontal Frequency	15K-135KHz
Vertical Scan Rate	23-120Hz
Interface	
HDMI-1 (Audio Return+) (HDCP 2.2, HDMI2.1 TMDS, CEC/ARC/eARC)	x1 (5.1 & 7.1 channel audio pass through)
HDMI-2 (HDCP 2.2, HDMI2.1 FRL)	x1
USB 2.0 Type-A port (5V/1.5A Media Reader/Scalar Firmware upgrade)	x1
USB 2.0 Type-A port (5V/2.0A Media Reader/power supply)	x1
USB Type-B port (TI Firmware upgrade)	x1
RS232 In (D-sub 9pin, male)	x1
Audio Out (SPDIF)	x1 (5.1 channel audio pass through)
3D Sync out	x1
RJ-45 LAN (10/100M)	x1
IR Receiver (Front/Back)	x2
Power	
Power Consumption(Max/Normal/Eco)	450W / 380W / 240W
Standby Power Consumption	0.5W Max. at 100 ~ 240VAC
Power Supply	VAC 100 ~ 240 (50/60Hz)
Dimension and Weight	
Product Dimensions (WxDxH) & Weight	525.2x392.2x145.7 mm / 10.5 kg
Operation Condition	
Noise Level (Normal/Eco)	30dBA / 27dBA
Operating Temperature	0-40 degrees (Celcius)



Corporate Office: BenQ India Pvt. Ltd.
9B Building, IIIrd Floor, DLF Cyber City, DLF Phase III, Gurgaon Haryana, India - 122002,
Tel: +91 124-4501400, Fax: +91 124-4501400
www.BenQ.in, Customer Care No. 1800-419-9979, E-mail: Sales.EnquiryIn@BenQ.com



W5800 / W5850 comes with a 3-years on-site warranty.

The laser light source is also covered by a warranty of 3 years or 15,000 hours whichever is earlier.

www.BenQ.in | Like BenQ India on