

Color as you See it.



Home Projectors
W1110 | W2000 | W3000



Because it matters



Cinematic Color as Big as Life in Your Living Room

Let your imagination soar above your dreams and reach beyond the stars to experience cinema the way it was meant to be seen with BenQ living room projectors. Blending ultramodern sleekness with lifelike cinematic color and strikingly sharp detail, BenQ projectors complement even the most luxurious lifestyle by unleashing the ultimate audiovisual experience with the freedom of wireless simplicity. And in addition to ultramodern design, the newly enhanced airflow and fan architecture of the thermal system reduces acoustic noise to 27dBA* in Eco mode, the lowest fan noise in its class, to provide a most pleasant viewing experience.

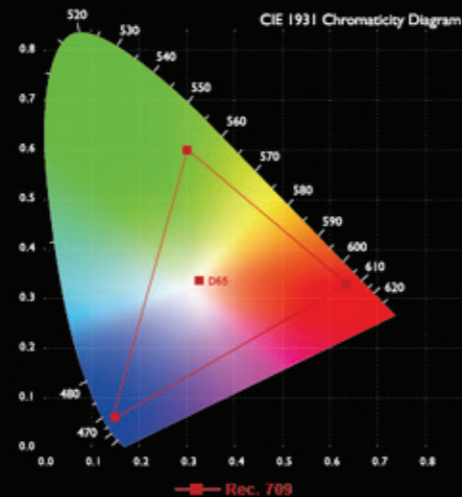
*W2000 and W1110



 **CinematicColor**
Rec.709

RGBRGB Color Wheel Designed to Deliver Rec. 709 HDTV Standard for Finest Cinematic Color

Rec. 709 is the international HDTV standard that was introduced in the '90s to guarantee accurate reproduction of cinematic color as the director intended. It standardizes the color gamut, gamma, and white balance of the original HD content, whether it's from broadcast, internet, or Blu-ray; only displays that conform to Rec. 709 can reproduce the original quality and authentic color of HD content. BenQ living room projectors are precisely calibrated for cinematic color with Rec. 709 standard, utilizing a 6X RGBRGB color wheel with precision-tuned coating and color segments to replicate stunningly true colors and a superb viewing experience.



Non Rec. 709
Fluorescent green

Non Rec. 709
Fluorescent yellow

Non Rec. 709
Mandarin red

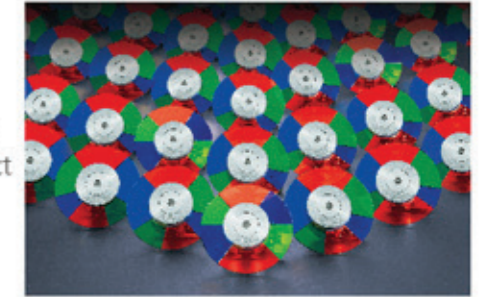
Breathtaking Motion Picture Quality

How Our Projectors Are Designed for Rec. 709

Only displays that conform to Rec. 709 can reproduce colors correctly in all images through an entire movie. While most projector manufacturers choose a saturated color tone bias to increase colorfulness, resulting in color accuracy loss, BenQ living room projectors achieve the Rec. 709 color standard through our effort to perfect every process including hardware design, software optimization and production line quality control.

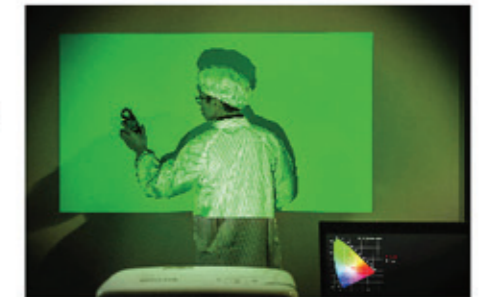
Hardware Design

In order to build a color wheel that accurately produces Rec. 709 colors, BenQ's ISF-trained expert engineers tried more than 20 different combinations of color segments and color wheel coating, the factors that directly affect color gamut and brightness of a projector. Finding the perfect balance between a larger color gamut and an optimized brightness took painstaking adjustments and exhaustive tests, and we are proud of the results.



Software Optimization

Our engineers took extra effort on software optimization to maximize color accuracy. This process involved adjusting the blacks, whites and greys towards D65 defined by Rec. 709. And the three primary and three secondary colors were adjusted one by one, until they were as close as possible to the references on the Rec. 709 color gamut.



Production Line Quality Control

Incoming key components are carefully examined before the start of production process, and only materials that meet strict design specifications can pass the test. Three color adjustment stations in the production line perform final checks on every single unit of our Rec. 709 projectors. Using exclusive BenQ color adjustment procedures, we make sure each projector is manufactured according to the Rec. 709 color standard, and BenQ quality engineers perform final color tests on each projector built to ensure Rec. 709 performance.



The process of building a projector includes many variables such as lenses, lamps and color wheel coating. We work relentlessly to close any gaps from those variances and to make our projectors perform exactly to Rec. 709. This is because we believe that colors matter to our users when enjoying movies as they were meant to be seen.

*Available on W2000 and W3000

Spectacular Full HD 1080p Visual Performance

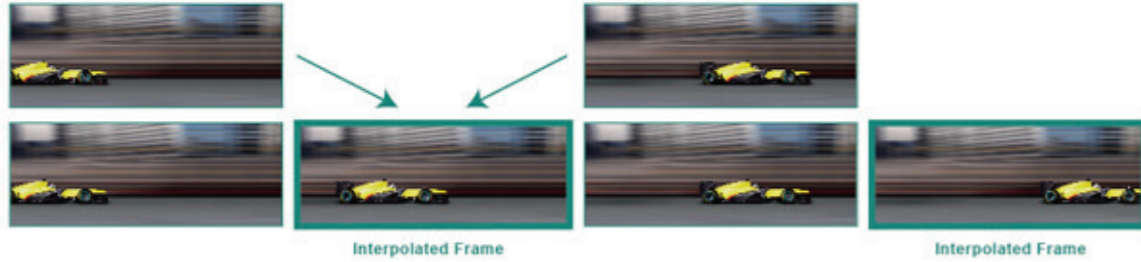
BenQ living room projectors spoil your eyes with true-to-life image quality brought to you by BenQ's 1080p Full HD optimized optical system, a projection module crafted with only pure glass lens elements. Now you can enjoy your favorite high-definition multimedia content with the finest clarity and sharpness – from Blu-rays and video games to HD broadcasts.

Hollywood Magic in Your House

CinemaMaster turns any room into a world-class home theater with video and audio-enhancing technologies sure to please even the most critical movie enthusiasts :

CinemaMaster™ Video+ *Available on W3000

Motion Enhancer: The crystal clear motion picture quality you'll get with Motion Enhancer won't let you blink and catch your breath. In fact, it gives heart-pounding action thrillers and adventure epics super smooth, fluid movements by inserting 36 interpolated frames between sequences on the fly, to produce seamless and vivid 60 frames-per-second video. You'll be the action hero of your own theater, crushing the evils of laggy pictures, shaky judders, and blurry shadows.



Color Enhancer: As you relish every second of the action, you'll marvel that everything stands out vividly, like real life on a crisp, clear day. That's because Color Enhancer modulates complex color algorithms, allowing detailed control over color saturation levels. The payoff: Vibrant images that come to life so that fine gradients, intermediate hues and subtle pigments are all flawlessly rendered.



Pixel Enhancer: Pixel Enhancer is a motion-adaptive edge enhancement to produce a sharpened image of crisp edges and precise surface textures. In doing so, details like the finest wisps of multicolored foliage, lushly patterned greenery and all of nature's wonders will truly stand out.



Flesh Tone: The natural beauty of the onscreen cast is complimented even more with Flesh Tone, a highly desired tool that lets you enhance skin tones without affecting any other colors in the image.



CinemaMaster™ Audio+

New Chambered Speaker with Audio Enhancer

Our revolutionary audio system features speakers housed in resonant sound chambers along with BenQ CinemaMaster Audio Enhancer powered by MaxxAudio. This powerful digital sound enhancement engine incorporates Waves' breakthrough algorithms used by Hollywood studios, to dramatically boost the bass and treble, creating stereo effects that truly immerse the audience. The presets (Standard / Cinema / Music / Game / Sport) and additional user-defined EQ setting customize its audio performance for different genres, triggering true enjoyment through a combination of irresistible visuals and compelling sounds.



ISFccc® Certification

Professionally Calibrated Visual Entertainment

With the Imaging Science Foundation's highly reputed ISFccc® calibration built-in, BenQ projectors' image and color performance can be customized to your house, along with two preset modes – ISF Day and Night – for impeccable enjoyment anytime.



Unmatched Image Performance & Viewing Quality

High Contrast, Razor-Sharp Image

As the world's No.1 best-selling expert on DLP Technology, BenQ living room projectors create real-world performance with an ANSI Contrast Ratio that significantly surpasses that of Non-DLP projectors for powerfully clean and crisply detailed images.

Class-Leading High Fill Factor

Featuring cutting-edge high fill factor, BenQ projectors pump more light into each individual pixel, which means small-size text and fine details are more defined and clearer than the competition. Because high fill factor minimizes the black borders around every pixel, the undesirable "screen door effect" is eliminated, letting you see only the most beautifully rendered images instead of pixelated graphics.



BenQ SmartEco™

An ingenious solution that intensifies your viewing pleasure while simultaneously saving money, SmartEco™ automatically adjusts lamp brightness based on content such as lowering lamp output in dark scenes. Through this, BenQ DLP projectors are able to project richer blacks and ultimately increase contrast for tiny text and subtle details.



Flawless All-Glass Optics for the Best Viewing Quality

When it comes to optics, treat your eyes to intensely realistic images made possible by BenQ's 1080p Full HD optical system, a module that uses only the highest grade glass in its pure projection lens. All-glass means superior light penetration for the truest details and unmatched viewing quality. What's more is the BenQ-proprietary low-dispersion lens coatings that effectively minimize chromatic aberration, a visual catastrophe common in other brands. So enjoy your favorite high definition content with utmost clarity and sharpness – from Blue-rays and video games to HD broadcasts.

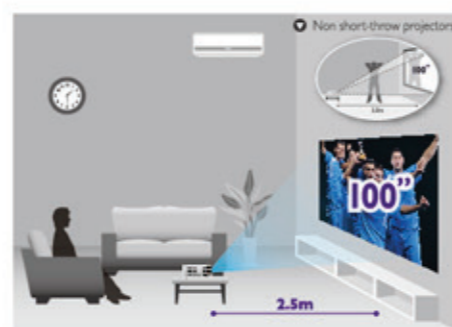




Set up in Minutes with Hassle-Free Installation

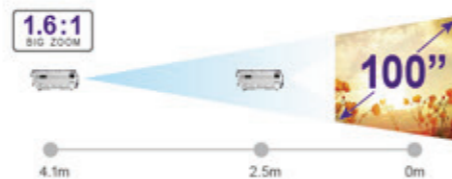
Superior Short Throw Projection with 100" of Big-Screen Enjoyment at 2.5 Meters

Maximizing thrills with minimal space, BenQ home projectors require as little as 2.5 meters of short throw distance to project stunning 100" pictures - so you can bring home big-screen theater entertainment into whichever room you like.



Big Zoom for Big Pictures in Any Space

No matter the size of your room or style of décor, BenQ living room projectors are sure to please with up to a staggering big zoom to maximize your space. With powerful big zoom ratios providing a huge range of throw distances, you can now enjoy big-screen entertainment without the hassle of complicated installation.



W3000

Flexible Vertical Lens Shift

The vertical lens shift provides flexibility when installing or placing the projector, and images can be shifted up and down without suffering a decrease in image quality.

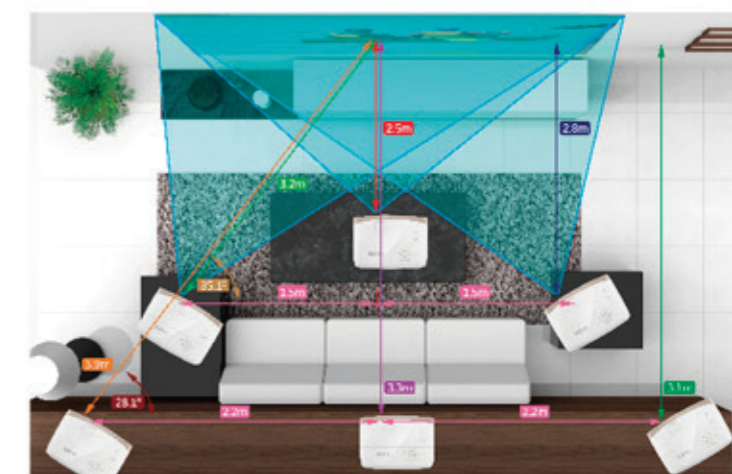


W1110, W2000

Side Projection with 2D Keystone Correction*

With advanced features like horizontal and vertical keystone correction, BenQ living room projectors eliminate the trapezoid effect when it is at an angle from the screen. In other words, they can be placed in a corner or a side table, freeing up valuable space for motion sports, dancing games or just watching comfortably.

*Available on W2000 and W3000

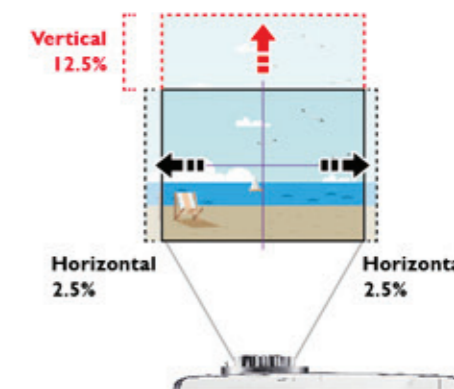


W2000

H/V Lens Shift for Extra Flexibility*

With BenQ home projectors, you control the H/V Lens Shift hardware to fit perfectly into any room with an impressive range of projection distances and heights. The projected image can be shifted vertically or horizontally by adjusting the lens within the projector without any sacrifice to image quality. Continue to enjoy your room décor the way you like it, because it's definitely safe to say goodbye to stacking books underneath your projector.

*Available on W3000



W3000

So Easy to Use So Much to Enjoy

Easy Projection onto Any Color Surface

No need to fret when you decide to move your projector out from your screening room and project it onto a colored wall. Wall Color Correction adjusts the projected colors to provide an unforgettable cinematic experience.

One-Stop Home Entertainment Without Wires Wireless Full HD Kit for More Freedom and Less Hassle

The killer companion to BenQ living room projectors you're sure to want is the Wireless Full HD Kit that streams uncompressed 1080p content to the projector, even in 3D! When you first turn it on, **One-Time Setup** simply connects the kit to the projector, and every time after that remains paired with the wireless projector automatically. So sit back and enjoy your favorite movies and games without running wires, because the wireless kit's **Zero Latency** performance, a huge advantage over other compressed 1080p streaming technologies, means virtually no lag in even the most fast-paced shooters or action adventure games. Furthermore, the kit has a wireless range of up to **100 Feet Coverage** and four powerful antennas for crystal clear streaming through walls. And **Dynamic Frequency Selection (DFS)** automatically switches channels at the slightest hint of signal interference so you can enjoy the stunningly sharp Full HD stream with minimum interference for perfectly smooth and clear quality anywhere in your house. It really doesn't get any easier than this.



Wireless FHD Kit (optional)

- Uncompressed streaming with resolution up to 1080p 60Hz
- Stream up to 100 feet with no latency for great gaming experience
- Ultra stable and fluent streaming quality

*Available in select regions.



Model Name	W1110	W2000	W3000	
Native Resolution	1080p (1920 x 1080)	1080p (1920 x 1080)	1080p (1920 x 1080)	
Brightness	2200 ANSI Lumens	2000 ANSI Lumens	2000 ANSI Lumens	
FOFO Contrast Ratio	15000 : 1	15000 : 1	10000 : 1	
Display Color	1.07 Billion Colors	1.07 Billion Colors	1.07 Billion Colors	
Lens	F = 2.59 - 2.87, f = 16.88 - 21.88mm	F = 2.59 - 2.87, f = 16.88 - 21.88mm	F = 2.42 - 3.05, f = 17.22 - 27.37mm	
Aspect Ratio	Native 16 : 9 (5 aspect ratio selectable)	Native 16 : 9 (5 aspect ratio selectable)	Native 16 : 9 (5 aspect ratio selectable)	
Throw Ratio	1.15 - 1.5 (100" @ 2.5m)	1.15 - 1.5 (100" @ 2.5m)	1.15 - 1.86 (100" @ 2.5m)	
Image Size (Clear Focus / Maximum)	60" - 180" / 300"	60" - 180" / 300"	36" - 196" / 300"	
Zoom Ratio	1.3 : 1	1.3 : 1	1.6 : 1	
Lamp Wattage	240W	240W	260W	
Lamp Hour (Normal / Eco / SmartEco Mode)*	3500 / 5000 / 6000 hours	3500 / 5000 / 6000 hours	2000 / 3500 / 4000 hours	
Keystone Adjustment	Manual Vertical ± 40 degrees	Auto Vertical & Manual Horizontal ± 30 degrees	Auto Vertical & Manual Horizontal ± 30 degrees	
Projection Offset	105% ± 2.5%	105% ± 2.5%	115% ± 2.5%	
Lens Shift Range	Vertical : +10%	Vertical : +10%	Vertical : +12.5% / Horizontal : -2.5% - 2.5%	
Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB = Reduced Blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB = Reduced Blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB = Reduced Blanking	
Horizontal Frequency	15 - 102KHz	15 - 102KHz	15 - 102KHz	
Vertical Scan Rate	23 - 120Hz	23 - 120Hz	23 - 120Hz	
Color Wheel Segment	6 - Segment (RGBRGB)	6 - Segment (RGBRGB)	6 - Segment (RGBRGB)	
Color Wheel Speed	6x (50Hz), 4x (60Hz)	6x (50Hz), 4x (60Hz)	6x (50Hz), 4x (60Hz)	
Compatibility	HDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p	480i, 480p, 576i, 567p, 720p, 1080i, 1080p
	Video Compatibility	NTSC, PAL, SECAM, SDTV	NTSC, PAL, SECAM, SDTV	NTSC, PAL, SECAM, SDTV
	3D Compatibility (please refer to user's manual for detailed support timing)	Frame Sequential : Up to 720p Frame Packing : Up to 1080p Side by Side : Up to 1080i / p Top Bottom : Up to 1080p	Frame Sequential : Up to 720p Frame Packing : Up to 1080p Side by Side : Up to 1080i / p Top Bottom : Up to 1080p	Frame Sequential : Up to 720p Frame Packing : Up to 1080p Side by Side : Up to 1080i / p Top Bottom : Up to 1080p
	PC (D - Sub)	x 1	x 1	x 1
Interface	Composite Video In	x 1	x 1	x 1
	Component Video In	x 1	x 1	x 1
	HDMI	x 2	x 3	x 2
	MHL	No	x 2 (share with HDMI - 2 & HDMI - 3)	x 1 (share with HDMI - 2)
	Audio In	x 1	x 1	x 1
	Audio L / R In	x 1	x 1	x 1
	Audio Out	x 1	x 1	x 1
	Chamber Speaker	10W x 1	10W x 2	10W x 1
	USB (Type A)	x 1 (5V / 1.5A power supply)	x 1 (5V / 1.5A power supply)	x 1 (5V / 1.5A power supply)
	USB (Type B)	No	x 1 (inside projector for WDP02 power supply)	No
	USB (Type mini B)	x 1 (service)	x 1 (service)	x 1 (service)
	RS232	x 1	x 1	x 1
	DC 12V Trigger	x 1	x 1	x 1
	IR Receiver	x 2 (front & top)	x 2 (front & top)	x 2 (front & top)
	3D Sync Out	No	No	x 1
	Physical	Dimensions (W x H x D)	380.5 x 121.7 x 277 mm	380.5 x 121.7 x 277 mm
Weight		3.3 kg (7.27 lbs)	3.6 kg (7.93 lbs)	4.2 kg (9.26 lbs)
Power Supply	AC100 to 240V, 50 to 60Hz	AC100 to 240V, 50 to 60Hz	AC100 to 240V, 50 to 60Hz	
Other Features	Audible Noise (Normal / Economic mode)	29 / 27 dBA	29 / 27 dBA	33 / 29 dBA
	Rec. 709 HDTV Standard Support	No	Yes	Yes
	Video Enhancer	No	No	Yes
	Audio Enhancer	Yes	Yes	Yes
	ISFccc® Certification	Yes	Yes	Yes
	BenQ SmartEco™ Technology	Yes	Yes	Yes
	Wireless FHD Kit Compatible	Yes	Yes	Yes

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



Because it matters

Dealer's Stamp

Headquarters
BenQ Corporation
16 Jhu Road, Neihu,
Taipei 114, Taiwan
Tel : +886-2-2727-8899
Fax : +886-2-2656-2438

Asia Pacific
BenQ Asia Pacific Corp.
12 Jhu Road, Neihu,
Taipei 114, Taiwan
Tel : +886-2-2727-8899
Fax : +886-2-2656-2438

China
BenQ (IT) Co., Ltd.
181 Zhuyuan Road, Suzhou
New District, Suzhou, China
Tel : +86-512-6807-8800
Fax : +86-512-6809-7010

North America
BenQ America Corp.
3200 Park Center Drive, Suite 150
Costa Mesa, CA 92626
U.S.A.
Tel : +1-714-559-4900
Fax : +1-714-557-0200

Europe
BenQ Europe B.V.
Meerenakkerweg 1-17,
5652 AR Eindhoven,
The Netherlands
Tel : +31(0) 88-888-9200
Fax : +31(0) 88-888-9299

Latin and Central America
BenQ Latin America Corp.
8200 N.W. 33 Street, Suite 301
Miami, FL 33122
U.S.A.
Tel : +1-305-4211200
Fax : +1-305-4211201