



WI090



W1110



WI210ST



W2000



W3000

UNIQUE FEATURES	Sport Mode Full HD 3D Support Brilliant Color (6X RGBRGB ColorWheel) CinemaMaster Audio (10W Speaker)	Full HD 3D Support Brilliant Color (6X RGBRGB ColorWheel) CinemaMaster Audio (10W Speaker) Vertical Lens Shift	Game mode with Low Input Lag Full HD 3D Support Short-throw 100" @ 1.5m Brilliant Color (6X RGBRGB ColorWheel) CinemaMaster Audio (20W Speaker)	Rec. 709 Full HD 3D Support Brilliant Color (6X RGBRGB ColorWheel) CinemaMaster Audio (20W Speaker) Vertical Lens Shift 2D Keystone	Rec. 709 Full HD 3D Support Brilliant Color (6X RGBRGB ColorWheel) CinemaMaster Audio (20W Speaker) Vertical and Horizontal Lens Shift 2D Keystone
NATIVE RESOLUTION	Full HD 1080P (1920 x 1080)	Full HD 1080P (1920 x 1080)	Full HD 1080P (1920 x 1080)	Full HD 1080P (1920 x 1080)	Full HD 1080P (1920 x 1080)
BRIGHTNESS – ANSI LUMENS	2000	2200	2200	2000	2000
CONTRAST RATIO	10,000 : 1	15,000 : 1	15,000 : 1	15,000 : 1	10,000 : 1
LENS	F=2.59~2.87, f=16.88~21.88 mm	F=2.59~2.87, f=16.88~21.88 mm	F=2.6~2.78, f=10.2~12.24 mm	F=2.59~2.87, f=16.88~21.88 mm	F=2.42~3.05, f=17.22~27.37 mm
ASPECT RATIO	Native 16 : 9 (5 aspect ratio selectable)	Native 16 : 9 (5 aspect ratio selectable)	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)	0.69 ~ 0.83 (100" @ 1.5m)	1.15 ~ 1.5 (100" @ 2.5m)	1.15 ~ 1.86 (100" @ 2.5m)
IMAGE SIZE (DIAGONAL)	30" ~ 300"	60" ~ 300"	60" ~ 300"	60" ~ 300"	36" ~ 300"
ZOOM RATIO	1.3x	1.3x	1.2x	1.3x	1.6x
LAMP TYPE	210W	240W	240W	240W	260W
LAMP MODE (Normal/Eco/SmartEco)*	3000 / 4500 / 6500 hours	3500 / 5000 / 6000 hours	3500 / 5000 / 7000 hours	3500 / 5000 / 7000 hours	2000 / 3500 / 4000 hours
KEYSTONE ADJUSTMENT	1D, Vertical +/- 40 degrees	1D, Vertical +/- 40 degrees	1D, Vertical +/- 20 degrees	2D, Auto Vertical & Manual Horizontal +/- 30 degrees	2D, Auto Vertical & Manual Horizontal +/- 30 degrees
PROJECTION OFFSET	Vertical 115% +/- 5%	Vertical 105% +/- 2.5%	Vertical 102.5% +/- 2.5%	Vertical 105% +/- 2.5%	Vertical 115% +/- 2.5%
LENS SHIFT	N/A	Vertical +10%	N/A	Vertical +10%	Vertical +12.5% Horizontal -2.5% -2.5%
SPEAKER	10W x 1 (Chamber Speaker)	10W x 1 (Chamber Speaker)	10W x 2 (Chamber Speaker)	10W x 2 (Chamber Speaker)	10W x 1 (Chamber Speaker)
RESOLUTION SUPPORT	VGA (640 x 480) to WUXGA(1920 x 1200)	VGA (640 x 480) to WUXGA(1920 x 1200)	VGA (640 x 480) to WUXGA(1920 x 1200)	VGA (640 x 480) to WUXGA(1920 x 1200)	VGA (640 x 480) to WUXGA(1920 x 1200)
PICTURE MODES (ISF enabled)	Bright / Vivid / Cinema / Game / User (ISF enabled)	Bright / Vivid / Cinema / Game / User / User 2 / ISF Night / ISF Day / (3D)	Bright / Vivid / Cinema / Game / Game (Bright) / User / ISF Night / ISF Day / (3D)	Bright / Vivid / Cinema (Rec.709) / Game / User 1 / User 2 / ISF Night / ISF Day / (3D)	Bright / Vivid / Cinema (Rec.709) / Game / User 1 / User 2 / ISF Night / ISF Day / (3D)
COLOR WHEEL SEGMENT	6 Segment (RGBRGB)	6 Segment (RGBRGB)	6 Segment (RGBRGB)	6 Segment (RGBRGB)	6 Segment (RGBRGB)
INTERFACE	PC (D-sub) x 1 / HDMI x 2 / MHL x 1 (HDMI with MHL2.0) / RCA x 1 / Audio in (Mini Jack) x 1 / Audio in (L/R) x 1 / USB (Type A) x 1 / USB (Type mini B) x 1 / IR Receiver x 2 (Front & Rear) / RS232 x 1 / DC 12V Trigger x 2 (Front & Top)	PC (D-Sub) x 1 / Composite Video In x 1 / Component Video In x 1 / HDMI x 2 / Audio In x 1 / Audio L/R In x 1 / Audio Out x 1 / USB (Type A) x 1 / USB (Type mini B) x 1 (Service) / RS232 x 1 / DC 12V Trigger x 1 / IR Receiver x 2 (Front & Top)	PC (D-Sub) x 1 / HDMI x 2 / MHL x 1 (Share with HDMI-2) / Audio In x 1 / Audio Out x 1 / USB (Type A) x 1 / USB (Type mini B) x 1 (Service only) / RS232 x 1 / DC 12V Trigger x 1 / IR Receiver x 2 (Front & Top)	PC (D-Sub) x 1 / Composite Video In x 1 / Component Video In x 1 / HDMI x 3 / MHL x 2 (Share with HDMI-2 & HDMI-3) / Audio In x 1 / Audio L/R In x 1 / Audio Out x 1 / USB (Type A) x 1 / USB (Type B) x 1 / USB (Type mini B) x 1 (Service) / RS232 x 1 / DC 12V Trigger x 1 / IR Receiver x 2 (Front & Top)	PC (D-Sub) x 1 / Composite Video In x 1 / Component Video In x 1 / HDMI x 2 / MHL x 1 (Share with HDMI-2) / Audio In x 1 / Audio L/R In x 1 / Audio Out x 1 / USB (Type A) x 1 (Type A) x 1 / USB (Type B) x 1 (Service) / RS232 x 1 / DC 12V Trigger x 1 / IR Receiver x 2 (Front & Top) / 3D Sync Out x 1
DIMENSIONS (WxHxD)	346 mm x 102 mm x 215 mm	381 mm x 122 mm x 277 mm	381 mm x 122 mm x 277 mm	381 mm x 122 mm x 277 mm	330 mm x 120 mm x 247 mm
WEIGHT	2.75 kg	3.3 kg	3.6 kg	3.6 kg	4.2 kg
POWER CONSUMPTION (Normal / Eco)	270 W / 220 W, Standby <0.5W	353 W / 292 W, Standby <0.5W	353 W / 292 W, Standby <0.5W	353 W / 292 W, Standby <0.5W	330 W / 280 W, Standby <0.5W
AUDIBLE NOISE (Normal / Eco)	34/29 dBA	29/27 dBA	29/27 dBA	29/27 dBA	33/29 dBA
OPTIONAL ACCESSORIES	Spare Lamp Kit Wireless full HD kit Ceiling Mount 3D Glasses Carry Bag	Spare Lamp Kit Wireless full HD kit Ceiling Mount 3D Glasses Carry Bag	Spare Lamp Kit Wireless full HD kit Ceiling Mount 3D Glasses Carry Bag	Spare Lamp Kit Wireless full HD kit Ceiling Mount 3D Glasses Carry Bag	Spare Lamp Kit Wireless full HD kit Ceiling Mount Carry Bag

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



CinematicColor
Rec.709



Home Entertainment Projectors

W3000 | W2000 | WI210ST | W1110 | WI090



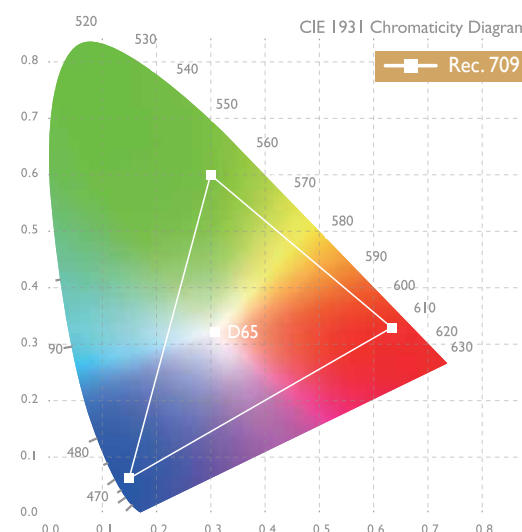
Because it matters

Experience the Magic of Cinema in Your own Home



Authentic Cinema Color with **Rec. 709**

Rec. 709 is the international HDTV standard to guarantee accurate replica of cinematic color as the director intended, allowing the viewer to experience movies as they were meant to be seen.



Precise Cinematic Color for your Favorite Movies

Paired with **6X Speed RGBRGB Color Wheel**, W3000 & W2000 are calibrated for cinematic color modelled on the HDTV standard, **Rec. 709**, to precisely and authentically reproduce the astonishing Cinematic Colors as intended by the film makers and brings it straight to your home.

Making Videos looking Better than it actually is

CinemaMaster™ Video Enhancer turns any room into a world-class home Cinema with advanced video-enhancing technologies that enhances **Motion, Color, Pixel & Skin Tones** to ensure the best cinematic visual performance.

* Available on W3000

CinemaMaster™
Video+

Experience Movies with the Best Optics

W3000 & W2000's 1080p Full HD optical system uses only the **highest grade glass** for superior light penetration and realistic image quality. Proprietary **low-dispersion lens coatings** minimize chromatic aberration for brilliant clarity.



Low Dispersion



Dispersion

Supercharge every Pixel for more Details

Featuring class-leading **High Fill Factor**, the W3000 & W2000 shine more light into each pixel, improving definition for small text and fine details, and eliminating unwanted "screen door effect", for beautifully rendered images.



DLP Projector



Non-DLP Projector

Ultra-Smooth Video Gaming



Immerse into the Game with a 100" Big Screen

Experience an immersive gaming with W1210ST, a home entertainment projector designed for video gaming, capable of producing a massive 100" screen in just 1.5m distance, allowing the player to fully immerse into the game.



Precise Action as you Intended

The W1210ST boasts the world's first home projector embedded with **low input lag**. Experience the fast-pounding thrill of racing games and swiftly react in sports games without delay. The projector also has microsecond DMD response time to avoid unwanted motion blur.

Play Anytime & Anywhere

No matter where you are, the customised **Game Modes** will enhance **visual** and **sound performance** to adapt to your playing conditions. W1210ST delivers spectacular colors even when you switch between Game Mode and Game Bright Mode.



Game (Bright) Mode on W1210ST

Conventional Projector



Bring Every Sport to Life



Take Home the Stadium Experience

BenQ's W1090 home projector brings the thrill of watching sports games in bars to the comfort of your home. Gather with friends and family in front of the huge 100" vibrantly projected Full-HD video, supported with audio enhancement by Waves, you'll hear the announcer's every comment even as you're immersed in the cheering crowd with **Sport Sound Mode**.

Real Colors for Real Sports

Blending precision color tuning with digital enhancement for **ultra-realistic skin tones** and **lush green grass**, **Sport Picture Mode** of W1090 provides stunning big-screen projection to make every second of the match seem larger than life.



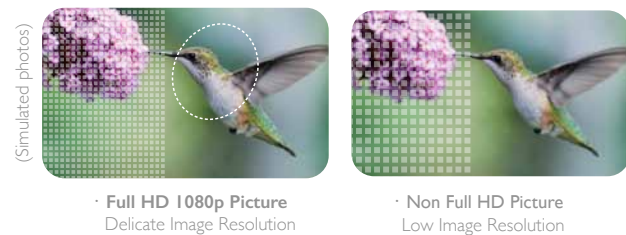
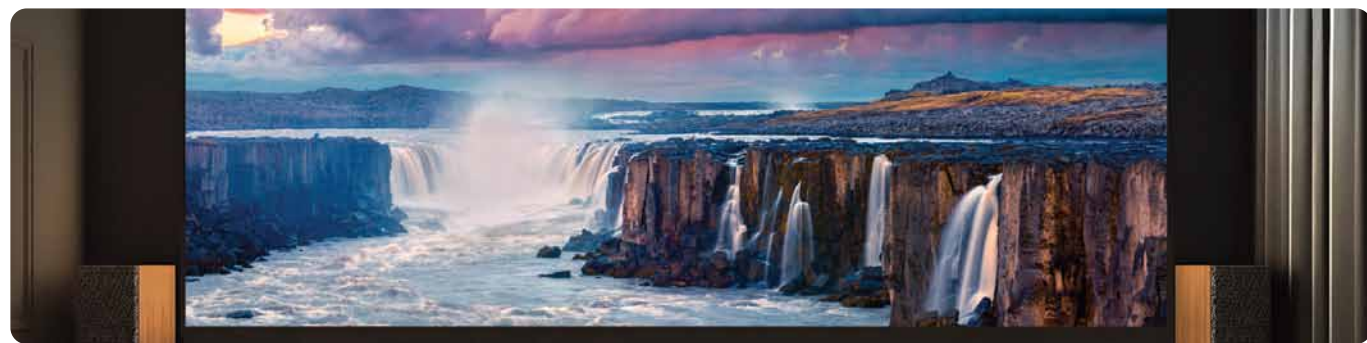
Sport Picture Mode

Normal Mode

Common Features

Big Screen for Even Bigger Entertainment

BenQ Home Entertainment Projectors are equipped to integrate seamlessly into all venues ranging from cozy family rooms and middle-sized home theaters to purpose-built screening rooms. Enjoying big-screen entertainment has never been easier.



Stunning Full HD 1080p Performance

Treat your eyes to the brilliance of a **1080p Full HD** optimized optical system crafted with only pure glass lens elements. Enjoy your favorite HD content with the finest clarity and sharpness – from Blu-ray and video games to live broadcasts.

Accurate Colors as Vivid as Your Imagination

BenQ DLP Projectors produce the most intensely realistic colors and vivid images possible. By combining BenQ innovations such as interchangeable six-segment color wheels with DLP **BrilliantColor™** Technology, our projectors accurately reproduce hard-to-match colors and precisely render **Rec.709*** and **sRGB** standards.



Sharpest Clarity for Your Viewing Pleasure

Critically acclaimed for industry-leading high contrast, BenQ DLP Projectors also produce the most **crisply defined sharpness** for crystal-clear details and legible text by maximizing the fill ratio of individual pixels and using exclusive BenQ SmartEco™ Technology.



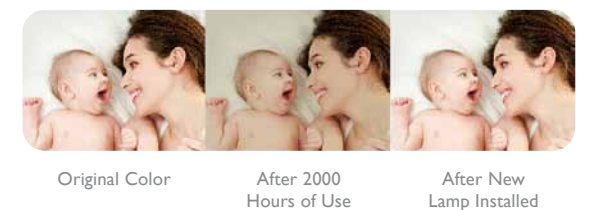
More Drama with Darker Black

Colors just aren't true to life without the contrast offered by **deep blacks**. Generating industry-leading levels of contrast ratio, BenQ Home Entertainment Projectors are built to reveal the most subtle detail in the deepest, truest blacks.



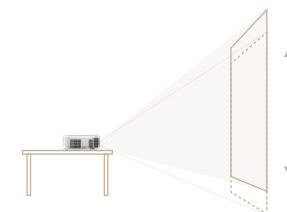
Long-Lasting Durability for Generations

The incredibly durable micro-mirrors and the nearly-sealed **DLP engine** design mean that BenQ DLP Projectors stand the test of time without any loss in picture quality. BenQ projectors shine year after year and look as good as new with a simple lamp change.



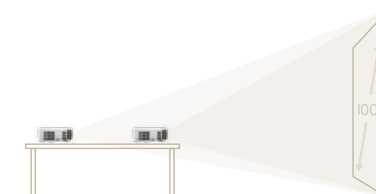
Let it do all the Adjustments

With flexible **Lens Shift***, the lens can be shifted vertically to fit perfectly into any room or work around small obstacles with a dynamic range of projection locations. Simply adjust the image up/down without sacrificing image quality.



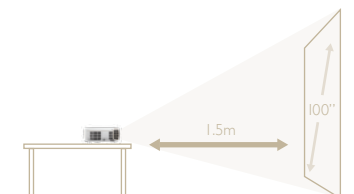
No Need to Move Furniture

A staggering **Big zoom*** function maximizes available space for a range of throw distances and big-screen entertainment without the hassle of complicated installation. It's as easy as plug and play.



Big Screen in Small Room

Maximizing thrills with minimal space, BenQ Home Entertainment Projectors require as little as 1.5 meters* of **short throw** distance to project stunning 100" pictures – so you can bring home big-screen theater entertainment into whichever room you like.



A Sound that matches the Superb Image Quality

With Built-in 20-watt* speakers housed in **resonant sound chambers** plus BenQ Audio Enhancer powered by **MaxxAudio**, your sound booms with Waves' breakthrough algorithms used by Hollywood studios, to dramatically boost bass and treble for serious stereo sound.



* Available on W3000 & W2000

* Each model varies, please see specification for more detail