

The BenQ TK800 Home Entertainment DLP® Projector takes the thrill of your favorite team to the next level, offering everyone True 4K UHD HDR quality right in your living room at an incredible value. The TK800 comes fully loaded with true 8.3-megapixel UHD 4K resolution, 3000 lumens of brightness and projection-optimized HDR for stunning 4K image quality. Gather your friends and family for an epic game-watching party in the comfort of your home with 4K HDR images and resounding audio enhancement that brings you right to the arena.



## Stunning 4K Quality by BenQ

The TK800 is the ideal second true 4K 3840 x 2160 UHD resolution projector to launch from BenQ in 2018 following the popular 2,200-lumen HT2550. Like the HT2550, the TK800 produces stunningly lifelike video with 8.3 million distinct pixels and using projector-optimized HDR to enhance brightness and contrast, all with one-step image optimization and automatic HDR natural color rendition.

The HT2550 and TK800 projectors use 0.47" single-DMD-chip DLP technology. With four times the resolution of Full HD 1080p and twice the resolution of competitors' e-shift 4K projector technology, the projectors' pure, 4K-optimized optical systems produce ultimate image precision at home.

## Picture Modes Optimize the Viewing Experience

The bright, 3,000 lumen picture of the TK800 makes it the best fit for your living room or well-lit game or media room while the 2,200 lumen HT2550 showcases the optimal, most accurate CinematicColor picture quality for your dedicated media room.

Choose from five customized picture modes, including Football, Sport, Bright, VividTV and Cinema Mode, in the TK800 to optimize the viewing experience for sports, movies, and video games in your game room or living room.

## 4K HDR for Uncompromising Entertainment

The TK800's pristine 4K video quality is supercharged by high dynamic range (HDR10) support with BenQ exclusive Auto HDR Color Rendition. The TK800's High Dynamic Range performance offers greater brightness, contrast range and image optimization in a single step, bringing out every detail in 4K video content for superior enjoyment.

The HDMI 2.0 / HDCP 2.2 connection means you'll be able to stream 4K content through the TK800 at a frame rate of 60Hz with a secure connection between your source and the projector. The port allows for the increased bandwidth required of 4K content, so you'll catch every light and dark detail of the game in the beauty of 4K. With the HDMI 2.0 / HDCP 2.2 port, your TK800 will be compatible with the latest technologies like blu-ray players as they're released from manufacturers for years to come.

## Key Features

- True 4K UHD 8.3M Pixel resolution
- 3000 ANSI lumens of brightness
- Hyper-Realistic Video Quality with Projection-Optimized Cinematic HDR
- New 4K Color Wheel
- Vertical Keystone Correction
- Dual HDMI ports (HDMI 2.0x1; HDMI 1.4x1)
- 1.5A USB Type A port to power streaming devices like Google Chromecast
- Supports up to 15,000 hours lamp life



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Because it matters

## SPECIFICATIONS

Display	
Projection System	DLP
DMD type	0.47"
Native Resolution	3840 x 2160 pixels (True 4K, 8.3M pixels)
Brightness	3000 ANSI Lumens
Contrast Ratio*	10,000:1
Display Color	1.07 Billion Colors
Aspect Ratio	Native 16:9 (5 aspect ratio selectable)
Light Source	240W Lamp
Light Source life*	4000/10000/8000 hours(Normal/Eco/SmartEco)
Optical	
Throw Ratio	1.47 - 1.76 (100" @ 3.25 m)
Zoom Ratio	1.2x
Keystone Correction	1D, Vertical ± 40 degrees
Projection Offset	110% ± 3%
Projection Size (Clear Focus / Maximum)	60"~200" / 300"
Audio	
Built-in Speaker	5W x 1
Special Feature	
Security	Security Bar, Kensington Lock
Feature	4K UHD, HDR10, Football Mode, AutoKeystone, Short Throw Lens (100" @3.25m)
Compatibility	
Resolution Support	VGA (640 x 480) to 4K UHD (3840 x 2160)
Horizontal Frequency	15K~135KHz
Vertical Scan Rate	23~120Hz
HDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p, 2160p
Video Compatibility	N/A
Power	
Power Consumption(Max/Normal/Eco)	Max 385W, Normal 330W, Eco 250W
Standby Power Consumption	0.5W Max. at 100 ~ 240VAC
Power Supply	VAC 100 ~ 240 (50/60Hz)
Dimension and Weight	
Product Dimensions (WxHxD)	13.9" x 5.3" x 10.7" (353mm x 135mm x 272mm)
Product Weight	9.26 lbs (4.2 kg)
Operation Condition	
Noise Level(Normal/Eco)	33/29 dBA
Operating Temperature	30° ~ 104° F
Accessories	
Accessories (Standard)	Power Cord Remote Control (RCV015) AAA Battery x 2 Lens Cover x 1 User Manual CD Quick Start Guide Warranty Card (by region)
Accessories (Optional)	Spare Lamp Kit Ceiling Mount Wireless FHD Kit QCast Mirror DLP 3D Glasses (GDG5) Carry Bag (5J14N09.00)
OSD	
On Screen Display Language	28 Languages
Environment Notice	
*Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.	

# TK800

## 4K Home Cinema

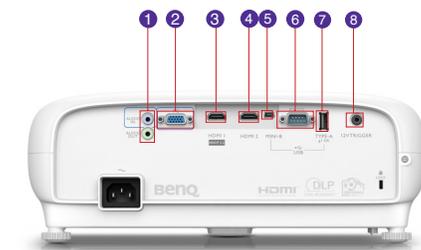
### KEY FEATURES

- True 4K UHD 8.3M Pixel resolution
- Hyper-Realistic Video Quality with Projector-Optimized HDR
- 3000lm High Brightness for Ambient Light Room
- 92% Rec.709 Coverage
- Football Mode for Immersive Audiovisual Football Experience
- Short Distance Projection, 100 inches at 3.25 meters
- Auto Vertical Keystone Correction

### DIMENSIONS



### INPUT / OUTPUT TERMINALS



- 1 Audio In/Out (mini jack)
- 2 Computer in (D-sub 15pin)
- 3 HDMI 1: HDMI 2.0 & HDCP 2.2
- 4 HDMI 2: HDMI 1.4a & HDCP 1.4
- 5 USB (Type mini B)
- 6 RS232 (DB-9pin)
- 7 USB Type A (1.5A power)
- 8 DC 12V Trigger (3.5mm Jack)