

TK800M | Home Entertainment



The BenQ TK800M 4K Home Entertainment Projector

Your Sideline Pass to Stunning Sports Action

The BenQ TK800M Home Entertainment DLP® Projector takes the thrill of the Big Game watching experience to stunning heights, giving sports fans the best seats in the house. With 8.3 million pixels of True 4K UHD HDR 4K resolution, 3000 lumens for well-lit rooms with ambient light, and separate modes for indoor and outdoor sports, you'll be in the middle of the action whether you're watching the Stanley Cup or the World Cup. Get in the arena with 4K picture sizes up to 200 inches with awe-inspiring clarity, crisply defined details, vivid color; and enhanced sports sound mode for a dynamic viewing experience.



Legendary BenQ 4K

Evolving from the TK800, the TK800M features Texas Instruments' latest 0.47" DMD for sharp picture performance and auto-select 3D timing for an immersive 3D experience.

4K UHD True 8.3 Million Pixel Perfection for Awe-Inspiring Clarity

The TK800M is built with TI 0.47" DMD to achieve CTA's 4K UHD specification, reaching 3840 x 2160 resolution with 8.3 million distinct pixels for each frame, delivering a larger than life experience into your home.

High Brightness for Ambient Space

An ultra-bright, 3000-lumen lamp enables captivating viewing in relatively bright settings – even with the lights on. Perfect for living rooms, the TK800M is vivid for marvelous movies, too, in a room bright enough to see the wonder on your friends' and family's faces.

HDMI 2.0 and HDCP 2.2 for a Fast, Secure Connection

The HDMI 2.0 / HDCP 2.2 connection means you'll be able to stream 4K content through the TK800M at a frame rate of 60Hz with a secure connection between your source and the projector. The port allows for 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 TK800M will be forward-compatible with the latest video technologies as they're released from manufacturers for years to come.

HDR10 | HLG to Enhance Dark Scenes for a More Vivid Experience

The TK800M HDR supports 10-bit color depth in 4K HDR content. The HDR (High Dynamic Range) provides a more dynamic color range, deeper blacks, and a higher contrast ratio than SDR. HLG (Hybrid Log Gamma) capability future-proofs the TK800M for developments in 4K broadcast providing a broader range of colors and brightness.

New 4K Color Wheel for Vivid Views

The TK800M features stunning color performance by introducing a new 4K RGBW color wheel to achieve 96% Rec. 709 color space without reducing brightness dramatically and to provide vivid color in an ambient light viewing space.

A Sport for Every Season, A Mode for Every Sport

Football Picture Mode (Outdoor Sports) and Sport Picture Mode (Indoor Sports) The exclusive TK800M outdoor and indoor sports modes provide ultra-realistic skin tones and lush green grass for open-air stadium contests, and ultra-realistic skin tones and a warm tonal palette with balanced greens and blues for delivering larger than life projection of indoor events.

Installation Flexibility Gets You to the Arena Faster

Following the BenQ Setup Wizard step by step, the TK800M can deliver a 100" 4K image at 3.32 meters (10.89 feet) and Auto Vertical Keystone correction makes it simple to project ideally aligned images from a variety of locations.

Simple and Convenient for Your Lifestyle

The TK800M features a lightweight design and a sleek, compact profile. It's the highest projector technology wrapped in beautiful aesthetics, intuitive functionality, and eco-friendly design. A chic addition to your living room décor, the TK800M makes it simple and comfortable to present immersive entertainment for friends and family.

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Because it matters

SPECIFICATIONS



TK800M

Home Entertainment

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*	4000/10000/8000/15000 hours(Normal/Eco/SmartEco/Lamp Save)
Optical	
Throw Ratio	1.50 - 1.65 (100" @ 10.89ft)
Zoom Ratio	1.1x
Keystone Correction	Vertical ± 40 degrees
Projection Offset	110%
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" @10.89 ft)
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)	353mm x 135mm x 272mm(13.9 x 5.31 x 10.71 inch)
Product Weight	4.2 kg (9.26 lbs)
Operation Condition	
Noise Level(Normal/Eco)	33/29 dBA
Operating Temperature	0 ~ 40°C
Accessories	
Accessories (Standard)	Power Cord Remote Control (RCV015) AAA Battery x 2 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 (5J)4N09.00)
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. *The Contrast is measured by Full On Full Off standard.	

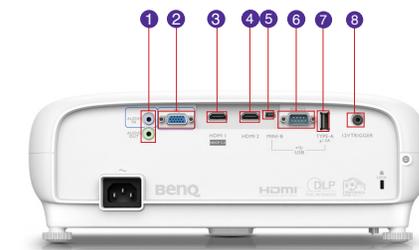
KEY FEATURES

- True 4K UHD 8.3M Pixel Resolution
- Hyper-Realistic Video Quality with Projector-Optimized HDR
- 3000lm High Brightness for Ambient Light Room
- 96% Rec.709 Coverage for Accurate Colors
- Football Mode and Sport Mode for Immersive Audiovisual Sport Watching Experience
- Easy Setup with 100 Inches at 10.89ft
- 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)

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