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.

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.

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.

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.

HDMI 2.0 and HDCP 2.2 provide 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.

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.

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.

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.

The exclusive TK800M1 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

The exclusive TK800M1 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.

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.
### 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

![Dimensions Diagram](image)

- **Height**: 5.3”
- **Width**: 13.9”
- **Depth**: 10.7”

### Input / Output Terminals

![Input/Output Terminals Diagram](image)

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)

### 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**: 4000/10000/8000/15000 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” @ 10.89ft)

#### 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)

#### Dimensions 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)**: Remote Control (RCV015), AAA Battery x 2, User Manual CD, QCast Mirror, Warranty Card (by region)
- **Accessories (Optional)**: Spare Lamp Kit, Ceiling Mount, Wireless FHDD Kit, DLP 3D Glasses (GDG5), Carry Bag (5J.J4N09.00)

#### OSD
- **On Screen Display Language**: 28 Languages

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* 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.