

# Data Sheet

## BenQ TK800

### UHD Home Entertainment Projector

- 4K UHD Resolution
- HDR (High Dynamic Range)
- 92 % Rec.709
- Football Mode
- 1.2x Zoom
- upscaling to 4K UHD



#### Technology

Type : DLP™  
Resolution: 4K UHD 3840 x 2160  
Brightness: 3000 ANSI lumens  
max. Contrast : 10,000:1  
Display Color: 1.07 Bil.  
Aspect Ratio: Physical 16:9 (6 aspect ratio selectable)  
Cooling system : Front -, Side ventilation, Quick cooling

#### Lamp

Type : 240 W  
Lamp life : 4,000h Normal Mode  
8,000h Smart Eco Mode  
15,000h LampSave Mode  
Warranty : 12 Months or 2000h

#### Objectiv

Lens : F=1.94 – 2.06/ f=15.57 – 18.67 mm  
Image Size (Diagonal) : 2.41 m – 7.62  
Throw ratio : 1.47 – 1.76:1 (100" @ 3.25 m)  
Zoom : 1.2:1

#### Signal

Video Compatibility: NTSC/PAL/SECAM  
Video - Modi : EDTV, SDTV, HDTV (480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 2160p)  
PC Resolution : VGA (640 x 480) to 4K UHD (3840 x 216)  
Frequencies H/V : 15-102 kHz, 23-120 Hz

#### Input :

Computer in 1 x D-sub 15 pin  
HDMI 2 x HDMI (1x HDMI 2.0 & HDCP 2.2/1x HDMI 1.4 & HDCP 1.4)  
USB 2 x (1x Type A / 1x Mini Type B)  
Audio in 1 x (3.5mm Mini Jack)  
DC 12V Trigger 1 x 3.5 mm Jack  
Serial input : RS232 1 x D-Sub 9 pin  
Output : Audio out 1 x Stereo Mini Jack

#### Control

Speaker : 5W x1  
Functions : Cinematic Color Rec.709, Brilliant Color™, Dynamic Black, User memory setting, Auto Power off, Auto Vertical Keystone, Auto Source, Key lock, Quick Cooling, ISFccc, 6-segment color wheel (RGBRGB)

#### Security

OSD: 28 Languages  
Remote : IR-Remote Control  
Certificates : CE

#### Energy

Power Supply : 100-240 VAC / 50/60 Hz  
Power Consumption : Max. 385 W, typical 330W, Standby <0.5 W  
Dimensions (W x H x D): 353 x 135 x 272 mm

#### Characteristics

Weight : 4.2 kg  
Audible Noise : 33 dB (A) Normal  
29 dB (A) ECO-Mode  
Positioning : Front-, Back-, Table- und Ceiling projection  
HDR10, 4K UHD, Football Mode  
Environment : + 0 ~ +40°C / 10 ~ 90 % Humidity  
Standard accessory : Manual CD, Remote Control incl. Battery, Power Cable, Quick Start Guide, Warranty card, Lens Cover  
Optional accessory : 3D Glasses, Spare bulb, ceiling mount  
Warranty and Service : 24 Months

