



DESCRIPTION

Reproduce Details for Cinematic Senses with True 4K HDR

Get ready for true 4K HDR with cinematic wonder like you're in an authentic digital cinema. For audio-video enthusiasts who want to take in every little detail for truly cinematic experiences, enjoy the super-wide DCI-P3 color space with film-like texture and playback as directors envisioned, BenQ W2700 4K HDR CinePrime Projector with CinematicColor technology ushers awe-inspiring movie magic into your personal AV room.

CinematicColor for Colors as Directors Envisioned

CinematicColor technology utilizes optimal colors to bring out accurate and enhanced images. CinematicColors super wide DCI-P3 color space (covering far greater visible spectrum than Rec. 709), high native ANSI contrast ratio and ISFccc certified calibration ensure incredible image performances and deliver detailed, sharp and crisp visuals to accompany your pro cinema enjoyment.

Super-Wide DCI-P3 Color Rivaling Digital Cinemas

Enhancing optimal colors for precise picture quality, BenQ CinematicColor technology reaches American film industry's 95% super wide DCI-P3 color space, covering far greater visible spectrum than Rec. 709. With DCI-P3, W2700 perfectly reproduces authentic cinematic quality with wide and precise color accuracy as how the directors have originally envisioned.

Enhanced Color Rendition for Reproduction of Natural Hues

Unlike other projectors with biased color temperature and oversaturated greens and reds, BenQ Enhanced Color Rendition technology performs precision color mapping to unleash breathtaking visuals with perfectly lifelike colors automatically tuned to reflect nature when viewing DCI-P3 Blu-ray movies.

Factory Calibrated Out-of-the-Box Color Accuracy

Using special instruments and software, W2700 is tested and adjusted for precise D65 color temperature, gamma, black level, white level, neutral grey, RGB-CMY color tracking, hue, saturation, brightness and output based on ITU-R Rec.709. All data from multiple interfaces is compiled for individual factory calibration reports, guaranteeing 100% Rec.709 with $\Delta E < 3$, also implement an optimal DCI-P3 color table by BenQ exclusive CinematicColor technology to reproduce authentic colors of Hollywood films.

ISFccc Certified Visual Calibration

By incorporating the Imaging Science Foundations highly reputed ISFccc Certified Visual Calibration, the image and color performance can be customized for any space, along with pre-set light balance modes for day and night.

Hyper-Realistic Video Quality with HDR-PRO

Optimized for projection, BenQ exclusive HDR-PRO technology enhances the 4K HDR viewing experience via Active Iris and Dynamic Black technologies. Employing enhanced tone mapping, HDR-PRO offers greater contrast range to bring out every detail from 4K Blu-rays as well as streaming content for unparalleled cinematic enjoyment.

Optimized Movie Modes for Tailored Home Cinema

To achieve fully personalized home cinema experiences, W2700s optimized movie modes are tailored to provide authentic cinematic colors as directors intended in environments including professional AV rooms and living spaces.

Authentic Cinema Reproduction for Dark Rooms

D.Cinema Mode

Reveals wide-ranging colors and subtle details in movies utilizing 100% Rec.709 color gamut, to showcase the finest 1080p SDR content in a comfortable AV room environment.

HDR Mode (Wide Color Gamut Enabled)

Provides the highest dynamic contrast based on 95% DCI-P3 color gamut, ideal for 4K HDR Blu-rays and streaming HLG content in comfortable AV room settings.

Big-Screen Movie Experiences for Living Rooms

Cinema Mode

Heightened brightness to reproduce Rec. 709 color accuracy for enjoying 1080p movies in higher ambient brightness.

HDR Mode

Projector-optimized HDR technology based on Rec. 709, designed for watching 4K HDR Blu-rays and streaming HLG content in higher brightness environments.

The Art and Craft of True 4K UHD

4K UHD True 8.3 Million Pixel Perfection

Producing 4K UHD 3840x2160 resolution with 8.3 million distinct pixels for each frame, W2700 utilizes the new generation 0.47 single-DMD DLP technology to minimize the projectors sleek, compact profile for modern lifestyles. With four times the resolution of Full HD 1080p, 4K UHD reduces pixel blur for awe-inspiring clarity and crisply defined fine details.

Precision 10-Element 8-Group All Glass 4K-optimized Lens Array

Super-high resolution 10-element lens array is structured into eight groups with metal barrel and cell framework, far outshining 1080p projector technology with greater light penetration for long-lasting 4K intensity with heart-stopping color performance, clarity, and sharpness across the entire screen.<b

TECHNICAL CHARACTERISTICS

Brand : BENQ

Part number : 9H.JKC77.37E

Réseau :

Smart TV : N
Caractéristiques :
HDCP : Y
Vidéo :
Full HD : Y
3D : Y
AC input frequency : 50 - 60 Hz
AC input voltage : 100 - 240 V
Analog signal format system : Not supported
Aperture range (F-F) : 1.9 - 2.47
Built-in display : N
Built-in speaker(s) : Y
Card reader integrated : N
Contrast ratio (typical) : 30000:1
Depth : 263 mm
DVI port : N
Ethernet LAN : N
Focal length range : 12 - 15.6 mm
Harmonized System (HS) code : 85286200
HDMI ports quantity : 2
HDMI version : 2.0a
Headphone outputs : 1
Height : 127 mm
Lamp power : 245 W
Lamps quantity : 1 lamp(s)
Light source type : Lamp
Mini-USB 2:0 ports quantity : 1
Native aspect ratio : 16:9
Noise level : 30 dB
Noise level (economic mode) : 28 dB
Number of built-in speakers : 2
Number of colours : 1.073 billion colours
Offset : 105%
Operating temperature (T-T) : 0 - 40 °C
Placement : Desktop
Power consumption (economy mode) : 280 W
Power consumption (max) : 350 W
Power consumption (standby) : 0.5 W
Power consumption (typical) : 340 W
Power source : AC
Product colour : Brown, White
Product type : Standard throw projector
Projection technology : DLP
Projector brightness : 2000 ANSI lumens
Projector native resolution : 2160p (3840x2160)
Quick start guide : Y
Remote control included : Y
RMS rated power : 5 W
Screen size compatibility : 1016 - 5080 mm (40 - 200»)
Service life of light source : 4000 h
Service life of light source (economic mode) : 10000 h
Throw ratio : 1.13 - 1.47:1
USB 3:2 Gen 1 (3:1 Gen 1) Type-A ports quantity : 2

Vertical lens shift range : 100 - 110%
Vertical scan range : 23 - 120 Hz
Weight : 4.2 kg
Width : 380 mm
Wi-Fi : N
Zoom ratio : 1.3:1