The world's first 4k DLP THX certified projector delivers a true digital cinema experience in your home

Experience the thrill of a professional digital cinema right in your own home with the BenQ HT8050. Designed with the true Audio visual connoisseur in mind, the projector leverages cutting edge technology to deliver truly breath taking image quality. The 4K Ultra high definition resolution reduces blur to display crisply defined details and is complemented by THX certified color quality. These features are complemented by Rec. 709 color accuracy, precise gamma and super high native contrast ratio which ensure the HT8050 recreates every detail just as the director intended.

State of the Art image quality

The HT8050 integrates a range of cutting edge technologies to deliver truly state of the art image quality. XPR fast switching technology doubles the resolution to 8.3 million distinct pixels for each frame, four times the resolution of full HD 1080p. Awe-inspiring 4K UHD image quality reduces blur between pixels to deliver supreme clarity and crisply defined details. Image sharpness is complimented with Digital Light processing (DLP) technology, color enhancer, digital color transient improvement (DCTI) and digital luminance transient improvement (DLTI), all which combine to deliver truly outstanding color performance.

Installation flexibility for a range of options

Excellence doesn't have to mean inflexibility and with the BenQ HT8050 you will have a range of installation options. Designed for compatibility with a wide range of home cinemas, the projector comes equipped with horizontal and vertical lens shift and 1.5X big zoom ratio. The dual HDMI ports and anamorphic lens compatibility expand the installation opportunities.

THX Certification –
A designator of excellence for your home cinema

A mark of true excellence, THX certification is awarded to only the very best of projectors. THX certification is a globally recognized assurance of uncompromising quality, consistency and performance. The certification means you will come as close as possible to reproducing the exact color standard used by filmmakers right in your home cinema.

Key Features

- 4k UHD resolution delivers exceptional image quality

- THX cinematic color enables the projector to reproduce the exact color palette used by Hollywood studios to master movies and TV programs

- Vertical and horizontal lens shift offers the ultimate installation flexibility

- Whisper quiet design maximizes your viewing enjoyment

- Digital Light processing (DLP) delivers Colorific color performance

- Compatible with 2.35:1 Anamorphic Lens

- Comprehensive interface includes HDMI x3, LAN & RS232

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SPECIFICATIONS

Projection System	DLP 4K UHD
Resolution	3840 x 2160 with XPR technology
Display Pixels	8.3 million pixels
Brightness	2200 ANSI lumens
FOFO Contrast Ratio	50,000:1 with Dynamic Iris
Display Color	1.07 Billion Colors
Aspect Ratio	16:9
Lens	F = 2.05 - 2.37 f = 20.54 - 30.31
Throw Ratio	1.36 - 2.03 (100" @ 3m)
Image Size (Clear Focus / Maximum)	95"~180" / 300"
Zoom Ratio	1.5:1
Lamp Type	PHILIPS 240W
Lamp Mode (Normal/Eco/SmartEco)*	3000 / 4000 / 6000 hours
Lens Shift	Vertical: ± 65% / Horizontal: ± 27%
HDMI Compatibility	**PC Timing:** VGA (640 x 480) to 4K UHD (3840 x 2160) **Video Timing:** 480i/p 60Hz, 576i/p 50Hz, 720p 50/60Hz, 1080i 50/60Hz, 1080p 24/25/30/50/60Hz, 2160p 24/25/30/50/60Hz
Horizontal Frequency	15 - 102KHz
Vertical Scan Rate	23 - 120Hz
Color Wheel Segment	6-Segment (RGBRGB)
Color Wheel Speed	1x (120 Hz)

Interface		
	PC (D-Sub)	x 1
	HDMI	x 2 (HDMI 1: HDMI 2.0 & HDCP 2.2; HDMI 2: HDMI 1.4a & HDCP 1.4)
	USB (Type mini B)	x 1 (Service)
	LAN	x 1
	RS232	x 1
	DC 12V Trigger	x 2
	IR Receiver	x 2 (Front & Back)
	IR in	x 1

Dimensions (W x L x H)	18.5" x 22.2" x 8.9" (470.7 x 564.7 x 224.9 mm)
Weight	32.6 lbs (14.8 kg)
Power Supply	AC100 to 240 V, 50 to 60 Hz
Power Consumption	Normal 353W, Eco 290W, Network Standby <6W, Standby <0.5W
Audible Noise	26 / 23 dBA (Silence mode)
On-Screen Display Languages	English / French / Spanish (28 Languages)
Picture Modes	** ISF Disabled: Bright / Vivid / Cinema / THX / Silence / User 1 / User 2 *** ISF Enabled: Bright / Vivid / Cinema / THX / Silence / User 1 / User 2 / ISF Night / ISF Day

Accessories	**Standard**	**Optional**
	Lens Cover	Spare Lamp Kit
	Remote Control with Battery	CMG5 Ceilling Mount
	Power Cord (by region)	Anamorphic Lens
	User Manual CD	
	Quick Start Guide	
	Warranty Card	

Environmental Notice	Lamp in this product contains mercury. To dispose of the product or used lamps, consult your local environment authorities for regulations or see www.lamprecycle.org.

*Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.
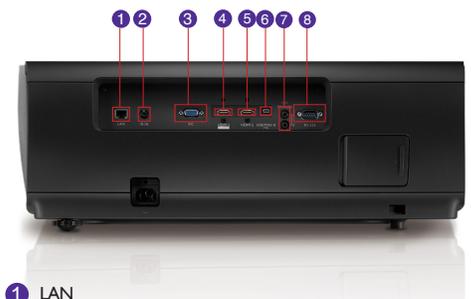
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DIMENSIONS

22.2" / 564.7 mm

8.9" / 224.9 mm

18.5" / 470.7 mm

INPUT / OUTPUT TERMINALS

1. LAN
2. IR in
3. Computer in (D-sub 15pin)
4. HDMI 1: HDMI 2.0 & HDCP 2.2
5. HDMI 2: HDMI 1.4a & HDCP 1.4
6. USB (Type mini B)
7. DC 12V Trigger
8. RS232 (DB-9pin)

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