



The BenQ CineHome HT2050A brings the true movie theater experience to your home with stunning native full HD resolution and perfectly balanced CinematicColor™ technology for 96% Rec. 709 color coverage from the RGBRGB color wheel.



Easy Setup

Equipped with a 1.3x optical zoom lens, the HT2050A allows $\pm 10\%$ vertical image-shifting, for installation flexibility in any home environment. With a shorter throw projection lens, you can get a beautiful 100" picture from just 8.2 feet. The 2D (Horizontal/Vertical) digital keystone correction function also allows for a quick and easy setup on tabletops, perfect for gaming tournaments with friends or backyard movie night.

The projector includes two digital HDMI connectivity ports (HDMIx1, HDMI/MHLx1) making an easy, single-cable solution for both of your video and audio streaming. Plus, the USB power port supports accessories such as Chromecast, Amazon Fire TV Stick and the Roku streaming stick for versatile setup and streaming options. With the HDMI/MHL port, you can also directly stream Full HD content from any MHL-enabled smartphone or tablet so you can enjoy movies anywhere in the house with no expensive cables to buy and no unsightly wires to hide.

Big Picture, Great Color

The larger-than-life screen makes the HT2050A ideal for watching movies, TV shows and sports, while the latest DLP microsecond DMD provides console gamers an ultra-smooth gaming experience with just 16.67 ms input lag without motion blur or image lag. The projector's 3D Color Control independently fine-tunes the gain, saturation and hue of six primary colors, and the premium glass optical lens delivers sharp, crystal-clear images with crisp shadow details for the finest image quality in its class.

Key Features

- Native Full HD 1080p resolution for the best possible home theater experience
- 2200 Lumens bright image with 15,000:1 contrast for incredible image detail
- All-glass, cinema-grade lens with low dispersion coatings for sharper, crisper video with no chromatic aberration
- Lens shift for maximum installation flexibility
- 16.67 ms input lag for the best console gaming experience
- Whisper quiet operation, allows viewers to hear the movie, not the projector



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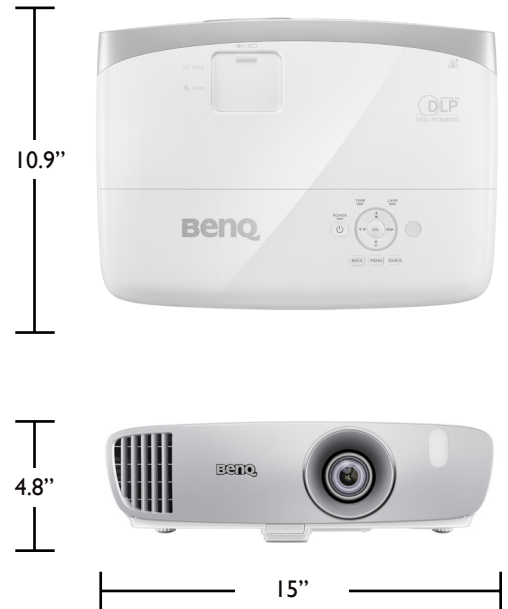


Because it matters

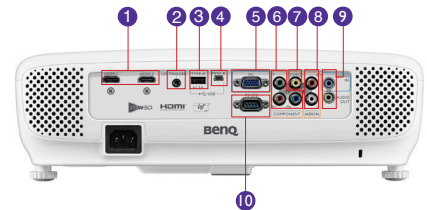


SPECIFICATIONS

Display	
Projection System	DLP
Native Resolution	1080p (1920 x 1080)†
Brightness	2200 ANSI Lumens†
Contrast Ratio (FOFO)	15000:1†
Display Color	1.07 Billion Colors†
Rec.709 Coverage	96%
Native Aspect Ratio	16:09
Light Source	Lamp 240W
Light Source Life (Normal/Eco/SmartEco)*	3500 / 5000 / 7000 hours
Optical	
Throw Ratio	1.15 - 1.5 (100" @ 8.2ft)†
Zoom Ratio	1.3:1†
Lens	F/# = 2.59 - 2.87, f = .66" - .86"†
Lens Shift	Vertical : +10%†
Keystone Adjustment	2D keystone, Vertical & Horizontal ± 30 degrees
Projection Offset	110%~130%±5%
Image Size (Clear Focus / Maximum)	60"~180" / 300"†
Picture	
Picture Mode	Bright / Vivid TV / Cinema / Game / User 1 / User 2 / ISF Night / ISF Day / (3D)†
Color Wheel Segment	6-Segment (RGBRGB)†
Color Wheel Speed	6x (50Hz), 4x (60Hz)†
Audio	
Speaker	Stereo Speaker 10W x 1
Special Feature	
CinemaMaster Audio + 2	Yes
Compatibility	
Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced Blanking†
Horizontal Frequency	15 - 102KHz†
Vertical Scan Rate	23 - 120Hz†
HDTV Compatibility	480i, 480p, 576i, 567p, 720p, 1080i, 1080p†
Video Compatibility	NTSC, PAL, SECAM, SDTV†
Power	
Power Consumption(Max/Normal/Eco)	353W/110W
Standby Power Consumption	< 0.5W†
Power Supply	AC100 to 240V, 50 to 60 Hz†
Dimension and Weight	
Product Dimensions (WxHxD)	15 x 4.8 x 10.9 in
Product Weight	3.3 kg (7.27lbs)†
Operation Condition	
Noise Level(Normal/Eco)	29 / 27 dBA†
Operating Temperature	32~104°F
Accessories	
Accessories (Standard)	Lens Cover Remote Control with Battery Power Cord (by region) User Manual CD Quick Start Guide Warranty Card (by region)†
Accessories (Optional)	*3D Glasses (DGD5) Spare Lamp Kit Ceiling Mount Carry Bag Wireless FHD Kit (WDP01)*
On Screen Display Language	28 Languages



INPUT / OUTPUT TERMINALS



- ① HDMI 1 & 2
- ② I2V Trigger
- ③ USB (Type A)
- ④ USB (Type mini-B)
- ⑤ Computer in (D-sub 15pin)
- ⑥ ComponentVideo in
- ⑦ CompositeVideo in (RCA)
- ⑧ Audio L/R in (RCA)
- ⑨ Audio In & Out (Mini Jack)
- ⑩ RS232 (DB-9pin)

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

