

# Larger than life movies, right in your home

HT2050 | Home Theater



## 100" Full HD 1080p image from 8.4 feet



The BenQ HT2050 brings the true movie theater experience to your home. With stunning full HD 1080p resolution, perfectly balanced color, sharp, crystal-clear image with crisp shadow details, thanks to an all-new premium glass optical system the HT2050 delivers the finest image quality in its class.

### Larger than Life Movies, Sports and Video Games

The elegantly designed BenQ HT2050 home theater projector is ideal for watching movies, TV shows, sports and playing video games on larger-than life screens.

### Advanced Features

Packed with a rich feature-set, the HT2050 includes vertical lens shift, 10-Watt CinemaMaster audio, whisper quiet fan, wireless HDMI option so you can enjoy movies anywhere in the house with no expensive cables to buy and no unsightly wires to hide, and much more.

### 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
- Whisper quiet operation, allows viewers to hear the movie, not the projector

### Additional Features

- 2 HDMI ports for today's digital sources
- Shorter throw projection lens delivers a larger image from a shorter distance
- 3D Color Control to independently fine-tune the gain, saturation and hue of six primary colors
- ISFccc calibration for Day/Night viewing modes
- 10-Watt CinemaMaster speakers powered by MaxxAudio technology with 4 presets and equalizer
- USB power to support accessories such as Chromecast, Fire TV Stick and Roku streaming stick
- Optional Wireless HDMI FHD 1080p kit, delivers 60Hz uncompressed video with less than 1ms latency and full stereo sound. Makes it easy to enjoy movies and video games with no expensive cables to buy or unsightly wires to hide.



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Because it matters

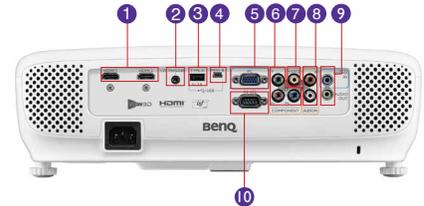


## SPECIFICATIONS

Projection System	DLP®
Native Resolution	1080p (1920 x 1080)
Brightness	2200 ANSI Lumens
Contrast Ratio	15000:1
Display Color	1.07 Billion Colors
Lens	F=2.59-2.87, f=16.88-21.88mm
Aspect Ratio	Native 16:9 (5 aspect ratio selectable)
Throw Ratio	1.15~1.5 (100" @ 2.5m)
Image Size (Maximum)	180"
Zoom Ratio	1.3:1
Lamp Type	240W
Lamp Mode (Normal/Eco/SmartEco)*	3500/5000/6000 hours
Keystone Adjustment	Manual vertical ± 40 degrees
Lens Shift	Vertical + 10%
Resolution Support	VGA(640 x 480) to WUXGA_RB (1920 x 1200) *RB = Reduced Blanking
Horizontal Frequency	15~102KHz
Vertical Scan Rate	23~120Hz
Color Wheel Segment	6-Segment (RGBRGB)
Color Wheel Speed	6X (50Hz)
Compatibility	HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p Video Compatibility: NTSC, PAL, SECAM 3D Compatibility: Frame Sequential: Up to 720p Frame Packing: Up to 1080p Side by Side: Up to 1080i/p Top Bottom: Up to 1080p
Interface	Computer in (D-sub 15pin) x 1 Composite video in (RCA) x 1 Component video in x 1 HDMI x 2 Audio in (Mini Jack) x 1 Audio L/R in (RCA) x 1 Audio out (Mini Jack) x 1 Chamber Speaker 10W x 1 USB (Type A) x 1 (5V/1.5A power supply) USB (Type Mini B) x 1 (service) RS232 (DB-9pin) x 1 DC 12V Trigger x 1 IR receiver x 2 (Front & Top)
Dimensions (WxHxD)	380.5 x 121.7 x 277 mm (14.9" x 4.8" x 10.9")
Weight	3.3 kgs (7.27 lbs)
Power Supply	AC100 to 240 V, 50 to 60 Hz
Power Consumption	Normal 350W, Eco 280W, Standby <0.5W
Audible Noise	29/27 dBA (Normal/Economic mode)
Languages	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese (28 Languages)
Picture Mode	** ISF Disabled: Bright / Vivid / Rec. 709 / Game / User 1 / User 2 / (3D) *** ISF Enabled: Bright / Vivid / Rec. 709 / Game / User 1 / User 2 / ISF Night / ISF Day / (3D)
Accessories (Standard)	Lens Cover, Remote Control w/ Battery, Power Cord, User Manual CD, Quick Start Guide, Warranty Card
Accessories (Optional)	Spare Lamp Kit P/N: 5J.JEE05.001 Ceiling Mount P/N: 5J.JAM10.001 3D Glasses P/N: 5J.J9H25.001 Wireless FHD Kit WDP01 P/N: 5J.J9H28.A02
UPC / Part #	8400460-3301-9 / 9H.JEE77.17W
Limited Warranty	1 Year Parts/Labor; 1 Year or 2,000 hours of lamp life



## INPUT / OUTPUT TERMINALS



- 1 HDMI 1 & 2
- 2 12V Trigger
- 3 USB (Type A)
- 4 USB (Type mini-B)
- 5 Computer in (D-sub 15pin)
- 6 Component Video in
- 7 Composite Video in (RCA)
- 8 Audio L/R in (RCA)
- 9 Audio In & Out (Mini Jack)
- 10 RS232 (DB-9pin)

## KEYPAD AND WIRELESS HDMI FHD 1080P optional module



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

