

## Larger-than-life action right in your home



### Professional Grade Home Cinema Projector

Meticulously engineered for serious home cinema enthusiasts seeking the absolute best home theater experience, the BenQ HT6050 delivers true digital cinema-grade image and color reproduction. It features Rec. 709 color to reproduce the color palette exactly as the movie studios intended, dynamic iris to produce phenomenal contrast levels, state-of-the-art TIR light engine for exceptional brightness uniformity, BenQ's exclusive CinemaMaster suite of image enhancing features and a choice of 5 optional all-glass, precision-crafted lenses. Any way you look at it, the HT6050 delivers the most astounding home cinema experience.



\*Lens is not included

#### All-Glass Lenses for Highest Image Detail

No matter the screen size or room size BenQ offers an all-glass, precision-crafted lens to fit your needs. BenQ HT6050 lenses feature a low-dispersion coating to minimize chromatic aberration and ensure the absolute best color, clarity and sharpness.

#### CinemaMaster Suite of Features

The HT6050 features BenQ's exclusive CinemaMaster suite of image enhancing features **Motion Enhancer** frame interpolation generates smooth, fluid fast-action video.

**Color Enhancer** assures true-to-life color saturation.

**Flesh Tone** helps reproduce true-to-life skin tones.

**Pixel Enhancer** produces visibly sharper video.

**DCTI and DLTI** provide improved color luminance and increased dynamic range.

#### Key Features

- Rec. 709 cinematic color enables the projector to reproduce the exact color palette used by Hollywood studios to master movies and TV programs
- CinemaMaster professional-grade video processing features help deliver magnificent video quality.
- 5 optional professional-grade all-glass lenses with low-dispersion coatings deliver precise imaging with minimal chromatic aberration.
- Vertical and horizontal lens shift offers the ultimate installation flexibility.
- Has 50,000:1 contrast ratio with dynamic iris.
- Has RGBRGB color wheel with custom angles and coatings.

#### Additional Features

- Native Full HD 1080p resolution provides the best possible home theater experience
- Motion enhancer inserts up to 36 interpolated frames in between sequences for smooth, fluid motion, 60-frames-per-second video.
- 2D to 3D conversion enables watching any movie in 3D.
- Has dual HDMI inputs for today's digital sources.
- MHL connectivity lets you play games, watch movies or simply surf the web from your smartphone or tablet.
- Has ISFccc calibration for day/night viewing modes.
- TIR light engine architecture offers unsurpassed brightness uniformity.
- Dynamic iris enables astoundingly high contrast levels.
- Whisper-quiet operation allows viewers to hear the movie, not the projector.
- Independent 3D color management allows for precision color fine tuning.
- USB power supports accessories such as Chromecast, Fire TV stick and Roku streaming stick.
- Dust-proof light path assures pristine-looking video.
- Center-lens design simplifies the installation process.
- Optional Wireless FHD kit provides optional wireless HDMI capability.



# HT6050

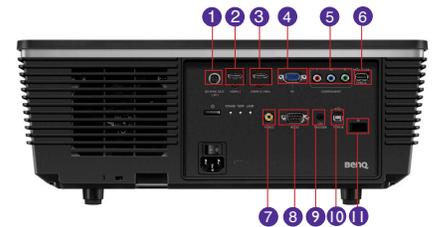
## Home Cinema

### SPECIFICATIONS

Projection System	DLP®
Native Resolution	1080p (1920 x 1080)
Brightness	2000 ANSI Lumens
Contrast Ratio	50000:1
Display Color	1.07 Billion Colors
Aspect Ratio	Native 16:9 (5 aspect ratio selectable)
Lamp Type	280W
Lamp Mode (Normal/Eco/SmartEco)*	2500/3500/6000 hours
Keystone Adjustment	Vertical ± 30 degrees
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), 4x (60Hz)
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-1 x 1 HDMI-2 / MHL x 1 USB (Type A) x 1 (5V/1.5A power supply) USB (Type B) x 1 (Service) RS232 (DB-9pin) x 1 DC 12V Trigger x 1 3D sync out x 1 IR receiver x 2 (Front & Rear)
Dimensions (WxHxD)	16.9" x 6.5" x 12.6" / 431 mm x 167 mm x 321 mm
Weight	19.4 lbs / 8.8 kg
Power Supply	AC100 to 240 V, 50 to 60 Hz
Power Consumption	Normal 370W, Eco 290W, Standby <0.5W
Audible Noise	31/28 dBA (Normal/Economic mode)
Languages	English/ Spanish/ French (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)	Remote Control with Battery, Power Cord, User Manual CD, Quick Start Guide, Warranty Card
Accessories (Optional)	Spare Lamp Kit P/N: 5J.04J05.001 Ceiling Mount P/N: 5J.JCY10.001 WDP01 Wireless Kit P/N: 5J.J9H28.A03 DLP 3D Glasses P/N: 5J.J9H25.001 Optional Lens see table below
UPC / Part #	8400460-3374-3 / 9H.04J77.27A
Limited Warranty	3-Year Parts/Labor; 1 Year or 2,000 hours of lamp life



### INPUT / OUTPUT TERMINALS



- ① 3D sync out
- ② HDMI -I
- ③ HDMI-2 / MHL
- ④ Computer in (D-sub 15pin)
- ⑤ Component Video in
- ⑥ USB Type A (1.5A Power)
- ⑦ Composite Video in (RCA)
- ⑧ RS232 (DB-9pin)
- ⑨ DC 12V Trigger
- ⑩ USB (Type B)
- ⑪ IR receiver

### OPTIONAL ACCESSORY



Ceiling Mount: 5J.JCY10.001

BenQ Lens	P/N	Lens	Zoom Ratio	Image Size	Throw Ratio	Lens Shift
Wide Fixed	5JJDH37.001	F=2.5, f=11.5mm	Fixed	30"~175"	0.778:1	Vertical -15%~55%, Horizontal ±5%
Wide Zoom	5JJDH37.011	F=2.05~2.27, f=16.64~19.5 mm	1.18x	35"~370"	1.1~1.3:1	Vertical -15%~55%, Horizontal ±5%
Standard	5JJDH37.021	F=2.46~2.56, f=22.8~28.5mm	1.25x	35"~205"	1.54~1.93:1	Vertical -15%~55%, Horizontal ±5%
Semi Long	5JJDH37.031	F=2.5~3.1, f=28.5~42.75mm	1.5x	31"~468"	1.93~2.9:1	Vertical -15%~55%, Horizontal ±5%
Long Zoom I	5JJDH37.041	F=2.2~2.5, f=44.5~74.19mm	1.67x	27"~301"	3.0~5.0:1	Vertical -15%~55%, Horizontal ±5%

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

BenQ.us | BenQ.ca

BenQ is a registered trademark of BenQ Corp. All rights reserved. Product names, logos, brands, and other trademarks featured or referred to in this material are the property of their respective trademark holders. Specifications subject to change without notice.



Because it matters