

Ultimate home theater projector

Cinematic color reproduction

HT4050 | Home Theater



120" Full HD 1080p image
from 10 feet



BenQ HT4050 takes the home cinema experience to a whole new level, beaming brilliant, impeccably crisp, Full HD 1080p video with Rec. 709 cinematic color reproduction and CinemaMaster advanced image processing for smooth, fluid motion video to bring a genuine movie theater experience to your home.

Stunning Image Clarity

With a visually stunning 2000 ANSI lumens bright image and remarkable 10,000:1 contrast ratio, the HT4050 delivers razor sharp, crystal clear images with rich shadow detail and vibrant, saturated colors for natural looking skin tones and a precise true-to-life color palette to meet Rec. 709 specifications.

Advanced Features

The HT4050 will amaze your family and friends with its impressive list of advanced features including all-glass short throw lens for crisp, larger-than-life images, 2D lens shift for maximum installation flexibility, 2D keystone correction, dual HDMI ports with MHL connectivity, 2D to 3D conversion to watch any video in fabulous 3D, HiFi speaker and optional wireless HDMI for easy setup with no expensive cables to buy or unsightly wires to hide.

Key Features

- Rec. 709 color enables the projector to reproduce the exact color palette used by Hollywood studios to master movies and TV programs
- All-glass, cinema grade lens with low dispersion coatings for sharper, crisper video with no chromatic aberration
- Vertical + Horizontal Lens Shift for the ultimate installation flexibility
- Advanced Image Processing for crisp, judder free fast action video
- 6X Speed RGBRGB Color Wheel with custom segment angles and coatings

Additional Features

- Native Full HD 1080p resolution for the best possible home theater experience
- Dual HDMI inputs for today's digital sources
- MHL connectivity – Play games, watch movies or simply surf the web from your smartphone or tablet
- 1.6x zoom ratio lens delivers a larger image from a shorter distance
- CinemaMaster advanced audio and video processing suite of features
- 2D to 3D Conversion, watch any movie in 3D
- ISFccc calibration for Day/Night viewing modes
- Wireless HDMI module for optional wireless capability



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HT4050_100815_BQ.ca



Because it matters



CinematicColor
Rec.709

CinemaMaster™
Audio+

CinemaMaster™
Video+

HT4050 | Home Theater

SPECIFICATIONS

| | |
|----------------------------------|--|
| Projection System | DLP® |
| Native Resolution | 1080p (1920 x 1080) |
| Brightness | 2000 ANSI Lumens |
| Contrast Ratio | 10000:1 |
| Display Color | 1.07 Billion Colors |
| Lens | F = 2.42~3.05, f = 17.22~27.37 mm |
| Aspect Ratio | Native 16:9 (5 aspect ratio selectable) |
| Throw Ratio | 1.15~1.86 (79" @ 2m) |
| Image Size (Maximum) | 196" |
| Zoom Ratio | 1.6:1 |
| Lamp Type | 260W |
| Lamp Mode (Normal/Eco/SmartEco)* | 2000/3500/4000 hours |
| Keystone Adjustment | 2D, Auto Vertical & Manual Horizontal ± 30 degrees |
| Lens Shift | Vertical +12.5% Horizontal +2.5% |
| 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) |
| 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 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 3D sync out x 1 IR receiver x 2 (Front & Top) |
| Dimensions (WxHxD) | 13" x 4.7" x 9.7" (330 x 119.5 x 247 mm) |
| Weight | 9.24 lb (4.2 kg) |
| Power Supply | AC100 to 240 V, 50 to 60 Hz |
| Power Consumption | Normal 330W, Eco 280W, Standby <0.5W |
| Audible Noise | 33/29 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.JD305.001 3D Glasses_DGD5 P/N: 5J.J9H25.001 Ceiling mount kit CM00G3 P/N: 5J.JAM10.001 Wireless FHD Kit WDP01 P/N: 5J.J9H28.A02 |
| UPC / Part # | 8400460-3329-3 / 9H.JEF77.27A |
| Limited Warranty | 1 Year Parts/Labor; 180 Days or 500 Hours Lamp Life |

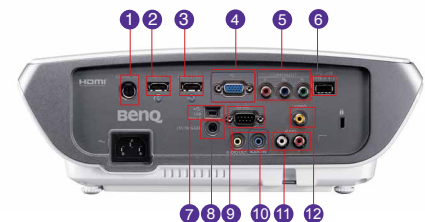
*Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

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INPUT / OUTPUT TERMINALS



- | | |
|----------------------------|-------------------------------|
| 1 3D sync out | 7 USB (Type mini-B) |
| 2 HDMI-1 | 8 DC 12V Trigger |
| 3 HDMI-2 / MHL | 9 RS232 (DB-9pin) |
| 4 Computer (D-sub 15pin) | 10 Audio In & Out (Mini Jack) |
| 5 Composite video in (RCA) | 11 Audio L/R in (RCA) |
| 6 USB (Type mini-A) | 12 Composite Video in (RCA) |

WIRELESS HDMI FHD 1080P optional module



Because it matters