



HK228HAB Home Cinema Projector

Bright ultraHD projector
for the home cinema
enthusiast



Features

- Ultra HD 4K (3,840 x 2,160) resolution for outstanding details and stunning visuals
- DLP® DarkChip3™ and BrilliantColor™ technologies for optimal black levels and vibrant colorful images
- Up to 2,000 ANSI lumens for an amazing brightness
- Extremely high 100,000:1 contrast ratio for spectacular blacks and outstanding white colors
- Advanced video processor for fluid streaming and 12-bit programmable RGB color adjustments
- High Dynamic Range (HDR10) for enriched brightness and impeccable vibrancy for precise natural colors
- REC 709 for an incredible cinematic-like movie experience
- Six segment RGB color wheel delivers outstanding reds, greens, and blue colors reproductions
- Fine tune and optimize an image with advanced calibrations, including gamma and color management settings
- Advanced HDMI 2.0 (x3) connectors for high quality digital video signals and quick data transfer rates
- Audio ready with built-in 10 watt speakers and audio out port
- Long landing energy efficient lamps that last up to 4,000 hours (Dynamic Economy Mode)
- Wide 1.5x zoom range and verticle lens shift for greater installation convenience and flexibility
- Full functioning remote control with intuitive key pad for easy control
- Dual infrared sensors for handy remote control from either in front or behind the projector
- AVAILABLE IN WHITE (HK2288-WH) OR BLACK (HK2288-BK)





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SPECIFICATION



Display Type/Chip Size	DLP® 0.66" TRP by Texas Instruments
Brightness	2,000 ANSI Lumens
Native Resolution	UHD (3840 x 2160)
Maximum Resolution	UHD (3840 x 2160)
Contrast Ratio (Typical)	100,000:1
Lamp Life/Type	2,500/3,500/4,000 Hours (Normal/Eco./Dynamic Eco. Mode), 310W
Throw Ratio	1.39 - 2.09:1
Image Size (Diagonal)	26" - 324.9" (0.6m - 8.25m)
Projection Distance	3.9' -32.8' (1.2m - 10m)
Projection Lens	F= 2.42 - 2.97 f=20.70 - 31.05
Zoom Ratio	1.5x
Native Aspect Ratio	16:9
Vertical Scan Rate	24 -30Hz , 47 -120Hz
Horizontal Frequency	31 -131kHz
Lens Shift Range	Vertical: 5% -10%
Speaker	10W (Mono)
I/O Connection Ports	HDMI v2.0 (x3), Audio-Out (Mini-Jack), USB Type A Power (5V/1.5A), Mini-USB (Service), RS-232
Dimensions (W x D x H)	16.9" x 14.2" x 5.7" (430 x 360 x 145mm)
Weight (W/STDLens)	19.81lbs (9kg)
Noise Level	35dB/TBDdB(Normal/Eco. Mode)
Power Consumption	450W (Normal Mode), 380W (Eco. Mode), <0.5W (Standby Mode)