EPSON®
EXCEED YOUR VISION

Projector
Home Cinema 5050UB

The ultimate home theater 4K PRO-UHD[1] experience

Overview

- **4K PRO-UHD Projection Technology[1]:** a new type of 4K home theater experience utilizing advanced processing for resolution enhancement, color and image processing.

- **3-Chip Projector Design:** advanced 3LCD technology displays 100% of the RGB color signal for every frame. This allows for an outstanding color gamut while maintaining excellent brightness, without any "rainbowing" or "color brightness" issues some may see with other projector technologies.

- **Pixel-Shift Processor:** advanced pixel-shifting processor precisely controls three high-definition LCD chips to parallel process millions of pixels of information. This new type of resolution enhancement technology[1] results in an exceptionally sharp 4K visual experience.

- **HDR Processor[2]:** full 10-bit HDR[2] color processing accepting 100% of the HDR source information to faithfully reproduce HDR content for an exceptional visual performance.

The Epson® Home Cinema 5050UB is the ideal projector to watch all your favorite entertainment at home. With its proprietary image processors, capable of converting analog video to digital in real time, playback results in smooth transitions -with minimal bands, locks or other artifacts from file compression- for an astonishing final visual performance. Along with exceptional color accuracy and image detail, the Home Cinema 5050UB can display 4K content at 2.600 lumens for both color and white brightness[7] to faithfully display your favorite content the way it was meant to be seen.

3LCD Technology

Proyectores Epson
The best-selling brand of projectors in the world

4K PRO-UHD®

LUMENS
2600 Color light
2600 White light
Natural experience[7]

1- 4K Enhancement Technology shifts each pixel to achieve double Full HD resolution on screen. Resolution is Full HD in 3D Mode

Home Cinema 5050UB Projector

Technical Specifications

Home Cinema 5050UB	V11H930020
Projection system	Epson 3LCD
Chip design	3-chip
Projection method	Front/Rear/Ceiling mount
Product color	White
Driving method	Poly-silicon TFT Active Matrix, 0.74" - wide panel
Resolution	4K Enhancement[1] (1920 x 1080 x 2)
Maximum resolution	4096 x 2160
Supported resolution	3840 x 2160, Full HD 1080p/i, HD 720p, 576p/i, 480p/i
Aspect ratio	16:9 widescreen (4:3 resize,16:10 resize)
	Compatible with 4:3 with normal, full or zoom modes
Color brightness[7]	2.600 lumens
White brightness[7]	2.600 lumens
Contrast ratio	Up to 1.000.000:1, Auto iris on
Color reproduction	Full-color (up to 1,07 billion colors)
Throw ratio range	1,35 – 2,84
Color processing	Full 10-bit (partial 12-bit)
Lamp type	250 W UHE
Lamp life[5]	ECO Mode: Up to 5.000 hours
	Normal Mode: Up to 4.000 hours
	High Mode: Up to 3.500 hours

Projection Lens

Type		Powered focus/optical zoom/lens position
F-number		2,0 – 3,0
Focal length		22,5 mm – 46,7 mm
Zoom ratio		1,0 – 2,1
Lens shift	Vertical	±96,3 (H center, powered)
	Horizontal	±47,1 (V center, powered)
Lens cover		Powered, Slide Lens Shutter

Additional Information

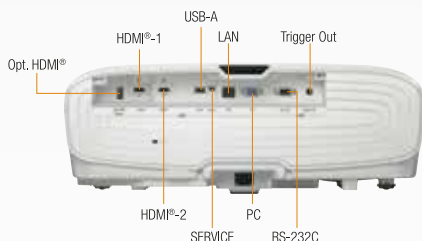|	
Display performance	4K/UHD @ 60 Hz compatible, HDR102, 3-dimensional DCI-P3 color Gamut[4], 4Ke[1], 1080p; HD, 2D, 3D
Color modes	2D: Dynamic, Bright Cinema, Natural, Cinema, Digital Cinema, Black & white cinema
	3D: Dynamic, Cinema

Cinema filter	Automatically adjusts to color mode; (On: Cinema, Digital Cinema Off: Natural, Black & White Cinema, Bright Cinema, Dynamic, 3D Dynamic, 3D Cinema)
Auto iris	Automatically adjusts to video source; Off/On: high-speed or Normal, 2D and 3D mode
Super resolution	2D and 3D
Operating temperature	41 °F to 95 °F (5 °C to 35 °C)
Voltage	100 VCA - 240 VCA ± 10%, 50 Hz - 60 Hz
Power consumption	100 V - 120 V: 373 W (normal mode) - 283 W (Eco mode)
	220 V - 240 V: 355 W (normal mode) - 271 W (Eco mode)
Fan noise	20 dB – 31 dB
Security	Kensington Security Lock Port

Projector Connectivity

	2 x HDMI® (HDCP 2,2)
	1 x USB Type A (for optical HDMI® cable 300 mA max. power supply only)
	1 x USB (for wireless and firmware)
	1 x Mini USB (service only)
	1 x LAN (RJ45)
	1 x Computer/D-sub 15 pin
	1 x RS-232c
	Trigger out 12 V DC, 200 mA maximum

What's in the box?

Home Cinema 5050UB, power cable, two HDMI® cable clamps, remote control with two AA batteries, quick setup guide

Product Setup

Home Cinema 5050UB	V11H930020
Replacement Projector Lamp	V13H010L89
Replacement Air Filter	V13H134A39

1- 4K Enhancement technology shifts each pixel diagonally to double the Full HD resolution. Resolution is Full HD in 3D mode. 2- HDR performance available with select third-party devices. For more information visit www.epson.com/hdrcompatibility 3- Color Brightness measured per IDMS 15.4. Additional colors and picture modes tested. Top-selling Epson 3LCD projectors vs. comparable top-selling 1-chip DLP projectors based on NPD sales data for U.S. and Canada, May 2017 – April 2018. COLOR BRIGHTNESS WILL VARY BASED ON USAGE CONDITIONS. Measurements taken in a dark room to eliminate measurement of ambient light. Supported with perceptual testing in a variety of lighting conditions. 4- The Entire DCI-P3 color space can be displayed in digital cinema mode only. 5- Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. 6- Visit https://latin.epson.com/medio-ambiente to obtain Information about convenient and reasonable recycling options. 7- Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118.

HDMI®-1   USB-A   LAN   Trigger Out
Opt. HDMI®
HDMI®-2   PC
SERVICE   RS-232C

Environmentally Friendly Features[6]:
- Energy-saving 3LCD chips
- Low energy usage 0.3 W in standby mode
- Recyclable product
- RoHS compliant

natural experience
Colors up to 3x brighter[3]

Better Products for a Better Future™
To obtain more information about Epson's environmentally friendly programs, visit eco.epson.com

www.latin.epson.com

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