

Optoma



The **Ultimate Home Cinema Experience** without Compromise



Home Cinema HCPPro-5400 4K Triple Laser RGB Projector

Experience cinema-grade brilliance with a 5,000-lumen 4K triple laser RGB projector, featuring Dolby Vision®, HDR10+, IMAX® Enhanced, FILMMAKER MODE™, and WiSA SoundSend for a complete cinematic experience

4K ULTRA HD™



Redefine Your Home Cinema Experience with 4K Triple Laser RGB & Cinema-grade Colors

Step into a world of unparalleled color precision and pixel-perfect images with cutting-edge 4K UHD triple laser RGB projection. This laser technology uses pure red, green, and blue lasers to deliver richer, more vibrant colors. With 96% BT.2020 color gamut coverage, the HCPro-5400 produces brighter, broader, and truly immersive cinematic visuals.

Cinematic Brilliance with Professional Suite of Certifications

Unleash the Power of IMAX® at Home

IMAX Enhanced is the only way to experience IMAX's signature picture, sound, and scale outside of a theater. See more of the action with IMAX's expanded aspect ratio and feel every heart-pounding moment with IMAX Enhanced sound by DTS.



Powered by Dolby Vision® and HDR10+

Dolby Vision® optimizes each frame of your content, elevating your cinema experience by delivering remarkable brightness, contrast, and color that bring cinematic experiences to life. Meanwhile, HDR10+ enhances your content's dynamic range and color precision for the ultimate HDR experience.

Watch Movies the Way Directors Intended

Developed by the UHD Alliance, FILMMAKER MODE™ disables all post-processing, including motion smoothing and noise reduction, for both SDR and HDR content. It preserves the original aspect ratio, color temperature, and frame rate, delivering an authentic cinematic experience as the filmmaker intended.





Pure
Color

Pure
Light

Pure
Detail

Pure
Contrast

PureEngine™ Ultra

Experience **Optoma's Intelligent Visual Enhancement** with **PureEngine™ Ultra**

Carefully calibrated by Optoma color experts, PureEngine™ Ultra is a suite of advanced algorithms designed to enhance contrast, boost color light output, optimize brightness and image detail, and smooth motion. This exclusive technology ensures lifelike color reproduction, stunning clarity, and greater visual highlights and depth, delivering an unparalleled viewing experience.

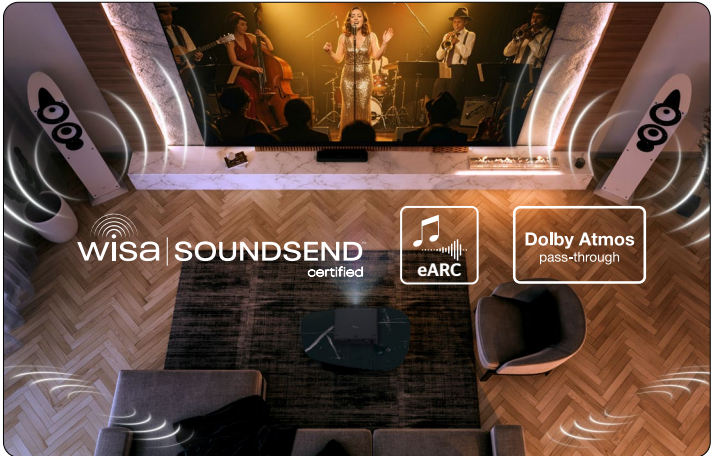


5,000 Lumens High Brightness for All-Day Movie Marathons

Enjoy breathtaking visuals, vibrant colors, and razor sharp details even in spaces with ambient light, whether you're hosting a daytime movie marathon or watching live sports.

Elevate Your Audio Experience

Dolby Atmos passthrough creates immersive, multi-dimensional sound, while eARC(enhanced Audio Return Channel) supports 3D audio formats for a true cinematic experience. With WiSA SoundSend certification, enjoy wireless, high-fidelity sound and seamless connection to WiSA-compatible speakers (not included).



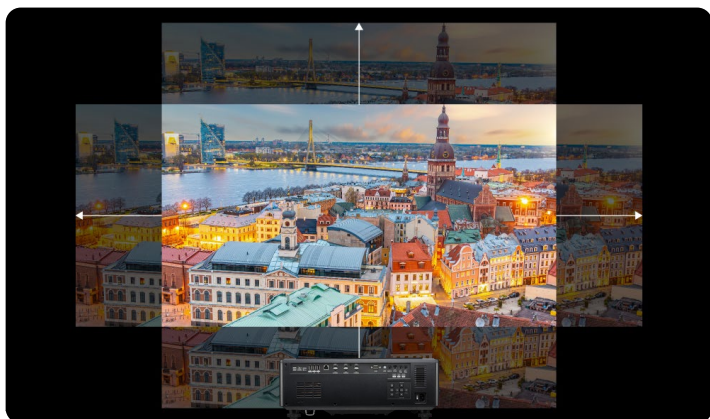


Seamless and Responsive Gameplay with Low Input Lag

With a low input lag of 8.5 ms (1080p/240Hz), the HCPro-5400 delivers fast, responsive gameplay for a smooth and immersive experience. Auto Low Latency Mode (ALLM) allows game consoles, PCs, or other devices to automatically activate low-latency settings, letting gamers enjoy seamless big-screen performance without manual adjustments.

Set Up Your Projector in Any Space

Experience effortless setup with the easy-to-use geometric correction, offering up to $\pm 30^\circ$ vertical and horizontal adjustment plus 4-corner correction. This ensures a perfect fit on any surface in your home, transforming every movie night into a seamless and unforgettable experience.



Easy Setup for the Perfect Fit

Enjoy flexible, effortless installation with up to $\pm 25\%$ horizontal and $\pm 55\%$ vertical lens shift*, plus 1.6x optical zoom, focus, and lens memory. Whether ceiling-mounted or shelf-placed, the HCPro-5400 delivers sharp, distortion-free images without any loss of clarity.

*See user manual for recommended shift ranges

Product Specifications

Display/image	Display technology	DLP®
	Resolution	4K UHD (3840 x 2160)
	Brightness	5,000 lumens*
	Contrast ratio	4,500,000:1
	Native aspect ratio	16:9
	Aspect ratio - compatible	4:3, 16:9, V-Stretch, Full, 21:9, 32:9, Native, Auto
	Keystone correction - horizontal	+/-30°
	Keystone correction - vertical	+/-30°
	Horizontal scan rate	15 ~ 255 KHz
	Vertical scan rate	24 ~ 240 Hz (240Hz for 1080p)
	Uniformity	95%
	Screen size	80" ~ 300"
	Color gamut	100% Rec.709, 96% BT.2020; 98% DCI-P3
	Color bit depth	Up to 12 bit
	Color space	YUV, RGB, RGB Limited
	HDR / advanced image settings	Dolby Vision, HDR10+, HDR10
	PureEngine Ultra	PureContrast, PureLight, PureColor, PureMotion (MEMC), PureDetail
Picture modes	Vivid, HDR, HLG, Cinema, Game, Reference, WCG, Bright, Dolby Vision (bright, dark, vivid, cinema), HDR10+, Golf Sim., AI-PQ, 3D, FIMMAKER MODE™, IMAX Enhanced, ISF (day, night, HDR-day, HDR-night, 3D)	
Light Source	Light source type	Triple Laser (RGB)
	Light source life	30,000 hours (Eco mode)
Optical	Throw ratio	1.25:1 ~ 2.0:1
	Projection distance	7.22' ~ 43.64'
	Zoom	1.6x
	Zoom type	Motorized
	Focal length	18.72 mm ~ 29.59 mm
	Native offset	Center lens design
	Lens shift	Vertical +/-55% ; Horizontal +/-25%
Connectivity	Connections	Inputs: 1 x HDMI 2.1, 2 x HDMI 2.0 (one supports ARC/eARC out) Outputs: 1 x USB-A power 1.5A, 2 x USB-A power 0.9A, 1 x 3D sync, 1 x Audio 3.5 mm, 1 x S/PDIF Control: 1 x RJ45, 1 x RS232, 2 x 12V trigger
General	Noise level (eco mode)	25 dB
	Noise level (bright mode)	28 dB
	3D	Full 3D
	Security	Security bar, Kensington Lock, Password protected interface
	OSD / display languages	27 languages: English, Arabic, Czecho, Danish, Dutch, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romania, Russian, Simplified Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish, Vietnam
	24/7 operation	Yes
	360° operation	Yes
	Operating conditions	Max Temperature(operating): 0 ~ 40°C; Tolerance +/- 2°C, Max Altitude(operating): 10,000 ft., for 0°C~30°C, Max humidity(operating): 80% RH, non-condensing
	Remote control	Backlit remote control
	Speaker count & Watts per speaker	N/A
	Input lag	1080p240@8.5ms, 1080p120@12.5ms, 4K60@20ms, 1080p60@20ms
	eARC support Audio format	LPCM, Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS-M6, Dolby Atmos pass through
	In the box	AC power cord, Remote control, 2 x AAA batteries, Quick start user manual
Networking	LAN - control	Yes
Power	Power supply	AC 100 ~ 240 V, 50 ~ 60 Hz
	Power consumption (standby)	≤0.5W
	Power consumption (eco mode)	130W (typical), 149W (max)
	Power consumption (bright mode)	281W (typical), 323W(max)
Weight and dimensions	Dimensions (W x D x H)	19.1" x 17.0" x 7.3"
	Shipping dimensions (W x D x H)	25.8" x 22.1" x 14.7"
	Gross weight	32.6 lbs
	Net weight	25.3 lbs
	UPC	796435 81 574 5

*Brightness measured in accordance with ISO 21118

4K ULTRA HD™

Dolby
VISION

IMAX
ENHANCED



wisa | SOUNDSSEND
certified



HDR10+



PureEngine™ Ultra

Optoma



No. 1 DLP® Laser Home Brand in Americas*
*Data source: PMA Research; Worldwide Projector Census Q32025



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Optoma is a visual solutions provider that has delivered stunning experiences to millions of people since 2000. For the last two decades, we have grown our business to become one of the world's leading large-display brands. We have demonstrated our capabilities as a first-mover, innovator, and market leader and firmly established our position as the world's leading 4K UHD projector and DLP® brand.

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