

Smart 4K UHD Laser Cinema

CinemaX P1 ultra short throw projector



All-in-one home entertainment system



premium audio by
NU FORCE

- 3,000 lumens laser light source with 1,500,000:1 contrast ratio**
- 4K UHD HDR with high-performance glass lens**
- NuForce Dolby Digital 2.0 audio with 2 full range aluminum drivers and 2 woofers**
- SmartFIT companion app with auto geometry correction system for Android and iOS**
- Smart+ technology with Alexa, Google Actions and IFTTT integration, and InfoWall**
- Dolby Digital, Dolby Digital Plus and DTS audio passthrough via HDMI ARC or optical S/PDIF**
- TapCast (App) Mirroring and Casting App / video, photos, audio, office docs and desktop mode**



Bring the cinematic experience home with the 3,000 lumens, ultra short throw, Optoma CinemaX P1 Smart 4K UHD Laser Cinema projector. The space-saving design, high-performance glass lens and SmartFIT auto geometry correction system ensure easy place and play setup for an instant huge screen experience anywhere.

Wide color gamut, HDR10 and HLG support with a 1,500,000:1 contrast ratio provides stunning color accuracy, brighter whites and deeper black levels. An integrated Dolby Digital 2.0 soundbar with two full range aluminum drivers, two woofers, ported, isolated chambers and 40 watts of power, engineered by NuForce, delivers crisp details with superior dialogue clarity.

Smart+ technology enable Amazon Alexa, Google Assistant and IFTTT support for easy integration into your smart home while InfoWall provides a personalized, configurable information display. An Android OS with smart TV apps and Optoma Marketplace deliver USB media playback compatibility, Internet streaming services and downloadable apps.

CONNECTIVITY (May require optional accessories)



4K UHD Blu-ray Player



4K Game Console



4K Media Streaming



Computers

smart+

See it all.

Control it all.

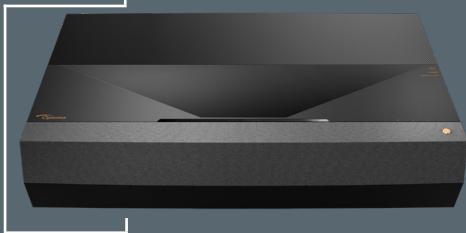
Play it all.

Take control of your home theater with voice commands. With the Alexa smart home and custom skills or Google Actions, control your smart+ projector with intuitive voice control using Amazon Echo and Google Home devices. IFTTT support enables interoperability with thousands of other smart devices.



NU FORCE PREMIUM SOUNDBAR

- Dolby Digital 2.0
- 2x full range aluminum drivers
- 2x woofers
- Ported and isolated chambers
- 40 watts of total power



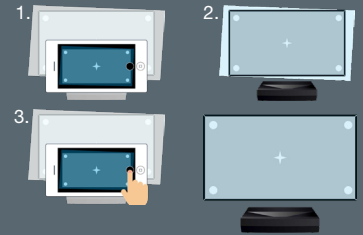
Ultra Short Throw

ensures easy place and play setup.



SmartFIT

Auto geometry correction system ensures hassle-free setup that produces incredible projections using a smartphone.



TapCast

Enhance your home cinema experience with the TapCast companion app. Easily push and play music, images, photographs or documents, control your projector, screen share or install APKs from Android and iOS mobile devices. Wireless screen mirroring is supported via iOS, Mac OS X, Android, Chrome OS and Windows devices, too.



LaserGuard

Built-in sensors detect objects in the light path to automatically dim the light source.



SMART FEATURES

Operating System	Android 8.0 with customizable launcher
USB Media Player Compatibility	Videos: 480p, 720p, 1080p, 1440p, 4K UHD, 4K UHD HDR File formats: MKV, MP4, M4V, AVI, H.264, HEVC, MOV, TS Audio: MP3, AAC, WAV, FLAC 16/24-bit Images: JPEG, BMP, GIF
Video streaming	Available Optoma Marketplace with access to YouTube 4K Netflix (480p), CNBC, TED TV, NBA TV, CNBC, BBC & more
PC-free Image Viewer and Document Viewer	Supports viewing of office documents (Word, Excel & PowerPoint), PDFs and images via USB storage devices Autoplay PDF / PowerPoint: 3, 5, 10, 15 & 20 second intervals
Smart Home Features	Amazon Alexa, Google Assistant & IFTTT integration
SmartFIT	iOS (App Store) & Android (Play Store & Amazon Appstore)
TapCast	Wireless mirroring for Windows, Mac, iOS and Android, casting of video, images and audio, desktop control mode, remote control, APK installer

AMAZON ALEXA FEATURES

Smart Home Skill	Commands: power on/off, volume control (1-10), change input source, media player controls (play, stop, pause, next, previous, FF, REW, start over)
Custom Skill	Commands: change display mode, HDR picture mode, PureMotion setting
Alexa AV Gear Region Support	United States - English, Canada

GOOGLE ASSISTANT FEATURES

Actions	Commands: power on/off, volume control (1-10), change input source, media player controls (play, stop, pause, next, previous, FF, REW, start over), change display mode, HDR picture mode, PureMotion setting
Region Support	All regions - English only



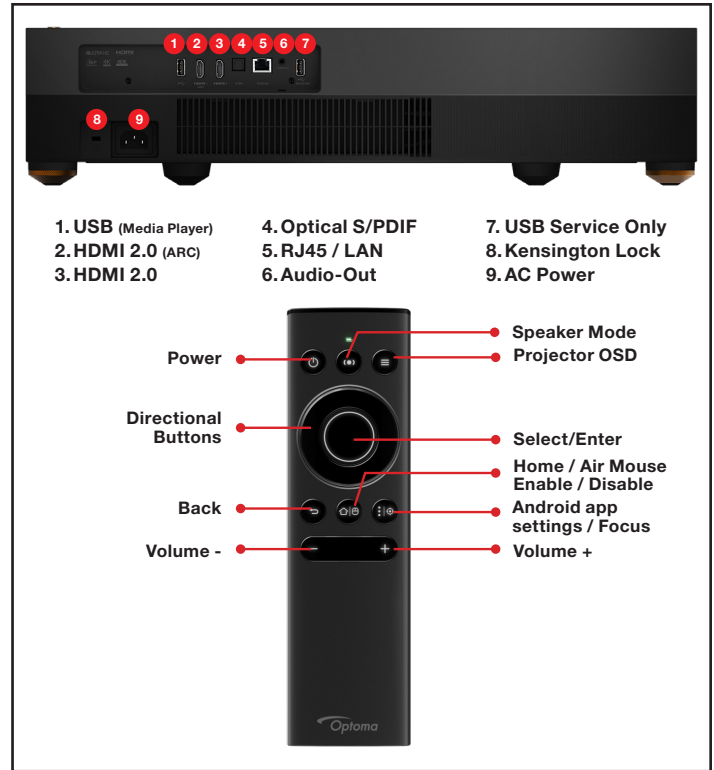
4K UHD Smart Projector - CinemaX P1

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.47" 4K UHD ECD DMD by Texas Instruments™
Color Wheel	RGBYRGBY 8 segment color wheel
Native Resolution	4K UHD 3840 x 2160 @ 60Hz with XPR Technology
Maximum Resolution	4K 4096 x 2160 @ 30Hz
Brightness	3,000 ANSI lumens
Contrast Ratio	Up to 1,500,000:1 with Dynamic Black
Color Gamut Support	REC.709 color gamut provides rich accurate color based on the HDTV broadcast specification. DCI-P3 wide color gamut with REC.2020 tone mapping produces rich, vibrant, life-like color
HDR (High Dynamic Range)	HDR10 compatible (REC.2020) Picture Modes: Normal, Bright, Detail, Film HDR SIM (simulate HDR effect with non-HDR content)
4K UHD Upscale	Upscales WXGA, 720p, 1080p, WUXGA, 1440p resolutions and frame rates up to 4K UHD (3840 x 2160), 60 Hz
Video Processing	PureMotion technology eliminates noise, motion blur and judder in fast motion video, producing clear and consistently smooth images
Input Response	55ms (4K UHD, 60 Hz, Game Mode) SmartFIT and PureMotion must be disabled for Game Mode
Color Depth	3840 x 2160 @30Hz YUV 4:4:4 (8bit, 10bit, 12bit), YUV 4:2:2 (8bit, 10bit, 12bit), YUV 4:2:0 (8bit, 10bit, 12bit) 3840 x 2160 @60Hz YUV 4:4:4 (8bit), YUV 4:2:2 (8bit), YUV 4:2:0 (8bit, 10bit, 12bit)
Light Source Life	30,000/20,000 hours (Eco/Normal)
Projection Method	Front, rear, ceiling, table top
Vertical Lens Shift	NA
Uniformity	90%
Offset	124% +6%/-2.5%
Aspect Ratio	16:9 (native), 4:3 and LBX compatible
Throw Ratio	0.25:1
LaserGuard	2 PIR sensors that automatically lower light source when person or object is in the light path
Projection Distance	8" - 16.5" (from back of projector to projection surface)
Image Size	85" - 120"
Projection Lens	F=2.04, f=525mm
Focus	Digital focus, adjustable with remote control
Digital Zoom	0.8 - 2.0x
Audio	NuForce 40W Dolby Digital 2.0 soundbar with 2 full range aluminum drivers, 2 woofers and ported chambers. Sound effects: Movie, Music, Sport, Game, Night Bluetooth speaker mode support
Noise Level	26dB
Remote Control	Rechargeable Bluetooth smart home remote & air mouse
Operating Temperature	41-104°F (5-40°C), 85% max humidity
Power Supply	AC input 100-240V, 50-60Hz, auto-switching
Power Consumption	410W max (Bright), 360W typical (Bright), 255W max (Eco), 225W typical (Eco)
High Altitude	Operating temp @ sea level to 10,000 feet = 23C (max); must manually switch to high altitude mode @ 5,000 feet & above (using OSD)

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	4K UHD 2160p, 4K DC, WUXGA, HDTV 1080p, UXGA, SXGA, WXGA+, WXGA (1280 x 800), WXGA, HDTV (720p), XGA, SVGA, VGA, PC and Mac compatible
Video Compatibility	4K UHD 2160p (24/50/60Hz), 1080p (24/50/60Hz), 1080i (50/60Hz), 720p (50/60Hz), 480i/p, 576i/p
HDR Source Compatibility	Ultra HD Blu-Ray player, 4K UHD streaming media device (Roku 4K Ultra), Xbox One S / One X (Ultra HD Blu-ray, 4K media streaming & HDR gaming) and PS4 Pro (4K UHD media streaming and 4K UHD HDR gaming only)
3D Compatibility†	Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e. 60 or 72 frames per eye). 3D glasses are needed and are sold separately. Refer to user manual for details.
Scan Rate	Vertical: 50- 85 Hz (120Hz for 1080p 3D feature projector)
I/O Connection Ports	1x HDMI 2.0 (HDCP 2.2), 1x HDMI 2.0 (HDCP 2.2, HDMI-ARC), 1x HDMI 2.0 (HDCP 2.2, side), 1x USB 2.0 (4K media player), USB 2.0 power (side), USB (service), optical S/PDIF out, audio out (3.5mm, subwoofer compatible), RJ45
Loop Through (Audio)	Optical S/PDIF & HDMI-ARC (PCM, Dolby Digital and Dolby Digital Plus bitstream / pass through)



NETWORK CONNECTIVITY

Wi-Fi	802.11ac (dual-band, 2x2)
Wi-Fi Security	WEP, TKIP, AES, WPA, WPA2
Bluetooth	Bluetooth 4.0
Firmware	OTA updates via Wi-Fi or Ethernet

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port, password (OSD)
Weight	24.25 lbs.
Dimensions (W x H x D)	22.1" x 5.1" x 15"

Warranty

3-year Optoma Express service

What's in the Box

CinemaX P1, distance cards, quick start guide, Bluetooth smart home remote with Airmouse (rechargeable), HDMI cable, power cable, warranty card

Optional Accessories

Bluetooth smart home remote with airmouse (replacement), CinemaX P1 distance cards

Accessory Part Numbers

Bluetooth smart home remote with airmouse: BR-3074R
CinemaX P1 distance cards: BD-25120

UPC 796435 81 338 3



*Light source life is dependent upon many factors, including brightness mode, display mode, usage, environmental conditions and more. Light source brightness can decrease over time.

†3D content can be viewed with DLP Link active shutter 3D glasses when projector is used with a compatible 3D player. Please visit us at Optoma.com for more information.

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