

UNLOCK PREMIUM CINEMA

Elevate your cinema offering with next-gen
Premium Large Format solutions



CHRISTIE®

CRAFT AN UNFORGETTABLE EXPERIENCE

Curating the ultimate premium large-format experience for audiences involves meticulous attention to every detail from plush seating to gourmet snacks.

When it comes to the feature presentation, the integration of leading audio and visual projection solutions is what transports your patrons into the on-screen narrative and takes them to realms unknown.

CAPTIVATE YOUR AUDIENCE

People go to the movies to fulfill a craving for a differentiated experience. Exhibitors like you are actively seeking new ways to deliver a unique movie experience for audiences. Bring your own solution to life and exceed their expectations.

39% of surveyed exhibitors in North America plan on adding more PLF screens over the next 3 years¹

Branded by you

Create your own premium theatre experience as an ultimate destination.

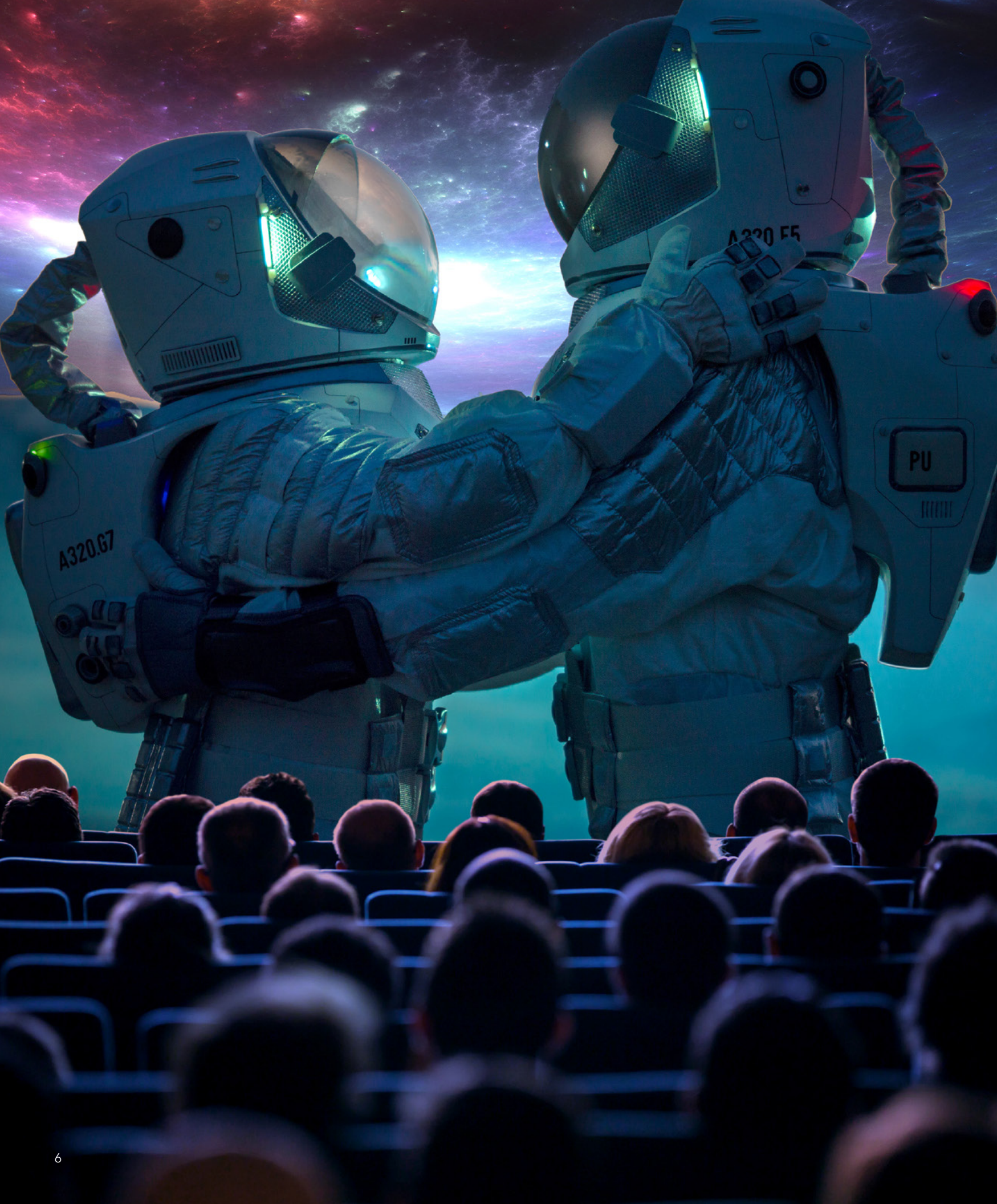
Energy-efficient

Our system is three times more energy-efficient than existing lamp-based models, which results in reduced heat, lower power consumption, and much higher efficiency than competitive systems.

Level-up performance

With the highest brightness in a single projection system, you can level up your performance to three times as much on-screen contrast with just a lens change to a class-leading 6,000:1, our system's ultra-wide color gamut nears Rec. 2020 for superior color performance.





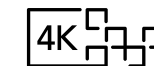
HOW DO YOU DEFINE THE ULTIMATE CINEMA EXPERIENCE?



+



We equip our PLF cinema projectors with CineLife+™ electronics and RealLaser™ illumination technology, which offer exceptional image quality, operational lifetime, and on screen brightness.



With our CP4445-RGB and CP4455-RGB projectors, you can captivate audiences with impressively colorful and detailed, true-to-life 4K images on a platform designed to support current content and future formats.



Unique to Christie® projectors, our ultra-fast processing system architecture gives you the capability to display HFR titles in 4K at 120fps (frames per second) – so you can play content such as “Avatar: The Way of Water” in 3D 4K at 48fps/per eye on a single projector. No other projector manufacturer’s equipment can accomplish this feat.



Triple your baseline contrast to up to 6,000:1 with just the swap of a UHC lens and provide unprecedented value and differentiation for a premium experience.



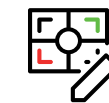
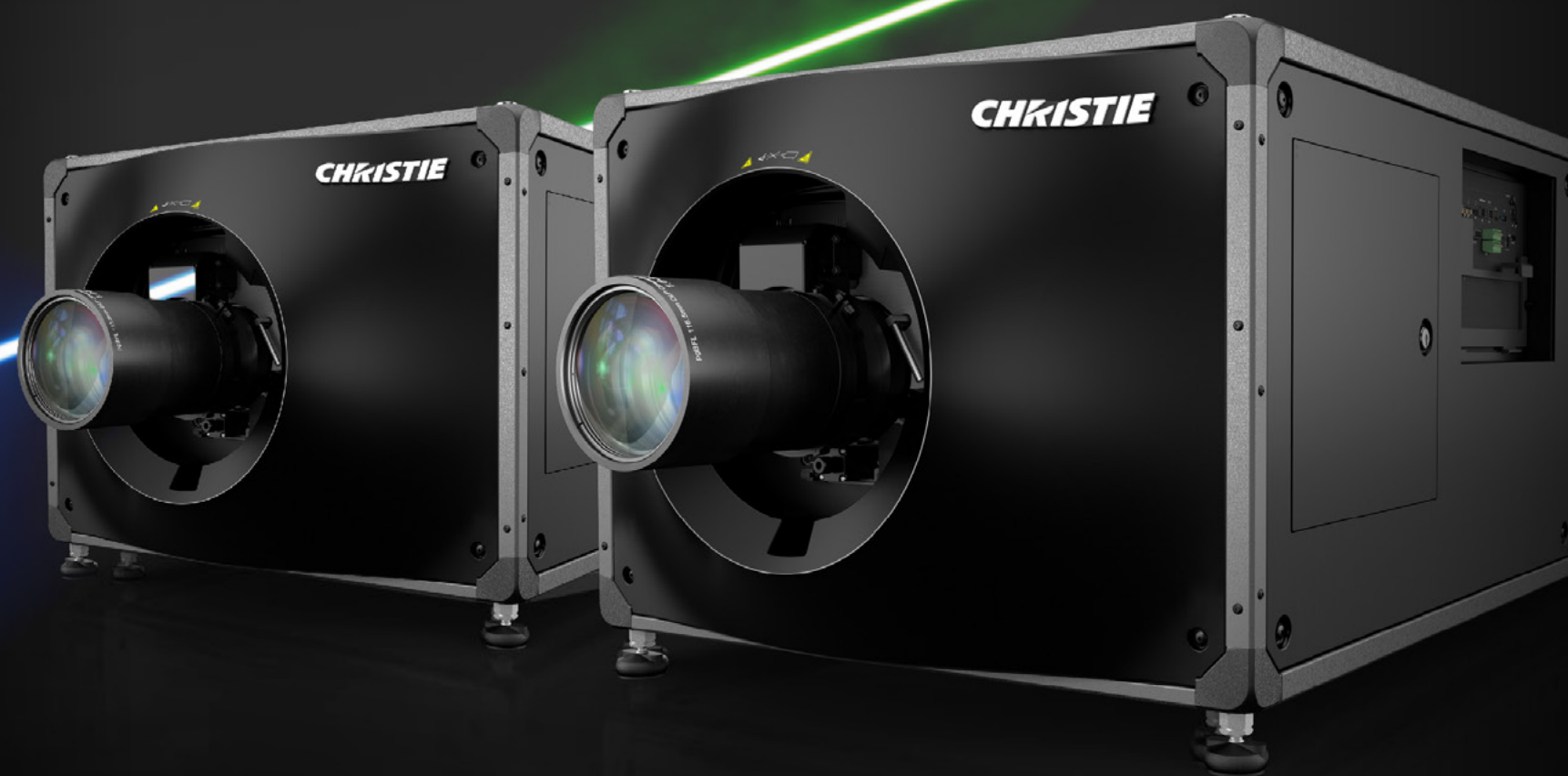
Finally, our advanced electronics feature the ability to make keystone corrections for screens with large down-angles without loss of content and adjust for lateral color error through electronic color convergence (ECC) – for perfect alignment throughout your entire image.

DAY-ONE IMAGE QUALITY FOR YEARS TO COME

What if you could maintain that day-one image, 365 days a year?

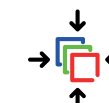
Mystique Cinema™ is a camera-based integration kit that comes with auto-calibrating image alignment software. With this kit, you can align pixels from a single projector or images from two projectors within minutes. The result? A completely seamless image on even the largest screens.

By using Mystique Cinema, you can ensure that the entire screen displays bright and clear images during every showing, every day, for an enriched, premium experience for your audience. And many of the advanced features in CineLife+ can be automated with the use of Mystique Cinema.



Auto-alignment

With automated pixel-on-pixel alignment for dual projector configurations for a bright 2D or 3D presentation, Mystique Cinema creates the perfect image that no amount of manual alignment can ever produce.



Auto-electronic color correction (Auto-ECC)

Automated correction for the lateral color error inherent in projected images so the red, green, and blue colors are perfectly aligned across the entire screen. Lateral color error can't be fixed with manual convergence adjustments, but can be corrected with ECC.



Auto-focus

This feature automatically corrects a manually misadjusted or drifted focus. This means every presentation is shown in perfect clarity.



Keystone correction

Correct the keystone with Mystique Cinema image warping to ensure the entire image is displayed correctly, accounting for the geometry of your projector and screen. With Mystique Cinema, you no longer need to do keystone correction by cropping and throwing away parts of the image while keeping an angularly distorted image.

WHICH PREMIUM PROJECTOR IS RIGHT FOR YOUR PLF AUDITORIUM?



CP4435-RGB



CP4445-RGB



CP4455-RGB

Operational efficiency	14.5 lumens per watt		11.2 lumens per watt	12.4 lumens per watt
Brightness	Up to 35,000 lumens with HB lens, 26,000 lumens with UHC lens		Up to 47,000 lumens with HB lens, 3 5,000 lumens with UHC lens	Up to 57,000 lumens with HB lens, 42,000lumens with UHC lens
Contrast ratio	Up to 6,000:1 contrast		Up to 6,000:1 contrast	Up to 6,000:1 contrast
Color	>95% of Rec. 2020 color gamut		>95% of Rec. 2020 color gamut	>9w5% of Rec. 2020 color gamut
Power consumption	2,400 W max DCI brightness, @25°C 8,240 BTU/hr		4,185 W including chiller, max DCI brightness, @25°C 14,271 BTU/hr	4630W4 including chiller, max DCI brightness, @25°C 15,790 BTU/hr
Dimensions (LxWxH)	37.2x28.0x20.7" (944x711x525mm)		61.1x28.0x22.0" (1551.1x710.6x559.6mm)	61.1x28.0x22.0" (1551.1x710.6x559.6mm)
Weight	285lbs (130kg)		385lbs (175kg)	Projector head: 368lbs (167kg)
Chiller			26.38x18.5x35.0" (670x470x890mm); 202lbs (92kg)	26.38x18.5x35.0" (670x470x890mm); 202lbs (92kg)

COMPLETE THE EXPERIENCE WITH A DIFFERENCE YOU CAN HEAR

Immerse your audience in the full spectrum of audio formats available today and provide the ultimate cinema sound experience in your PLF auditorium. With Christie Vive Audio®, you can finally hear every detail of the soundtrack.

Vive Audio gives you a complete solution specifically designed to bring premium cinema sound to even the largest of auditoriums. This revolutionary audio system combines the superior performance of planar ribbon drivers with our line array loudspeaker design and matches them with powerful Class D amplification.

The result? A pure, directional, and immersive sound that makes movies come alive for every seat in your auditorium.

LA SERIES

Advanced loudspeakers that are the ideal platform for today's immersive cinema audio applications. Comprising line array, surround, and ceiling surround loudspeakers, the LA Series can be configured to support all immersive audio formats. And you can combine certain models with our S115 or S215 subwoofers to create full-range screen channel systems or corner surrounds.



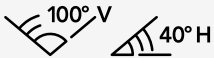
Planar ribbon driver technology ensures perfect timbre-matching across the lineup



Dramatically higher RMS to peak max



Approximately four times the optimal listening area than typical systems



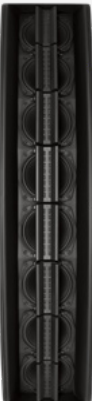
Superior coverage and directionality



Enhanced speech clarity and dramatically reduced distortion in sound effects



Natural and life like fatigue-free listening experience



LA3i
145-013105-01

LA4
145-120104-01

LA5
145-122106-01

LA3Si
145-182102-01

LA4S
145-106108-03

LA3C
145-111104-02

LA4C
145-144100-01

System type	Fixed arcuate ribbon driver line array, 2-way, passive, in a single sealed enclosure		Fixed arcuate ribbon driver line array, 2-way, bi-amplified design, in a single sealed enclosure		Coaxial parabolic ribbon driver line array, 2-way, passive, in a single ported enclosure			
Driver components	HF: 12 x 3.5" with Kapton diaphragm and Neodymium magnets MF: 8 x 5.25" paper/Kevlar composite mid-bass cone drivers	HF: 8 x 6.5" with Neodymium magnets MF: 8 x 6.5" paper/Kevlar composite mid-bass cone drivers	HF: 12 x 6" with Neodymium magnets MF: 12 x 6.5" paper/Kevlar composite mid-bass cone drivers		HF: 6 x 3.5" with Kapton® diaphragm and Neodymium magnets MF: 4 x 5.25" paper/Kevlar composite mid-bass cone drivers	HF: 4 x 6" with Kapton diaphragm and Neodymium magnets MF: 4 x 6.5" paper/Kevlar composite mid-bass cone drivers	HF: 12 x 3.5" with Kapton diaphragm and Neodymium magnets MF: 8 x 5.25" paper/Kevlar composite mid-bass cone drivers	HF: 8 x 6" with Kapton diaphragm and Neodymium magnets MF: 8 x 6.5" paper/Kevlar composite mid-bass cone drivers
Maximum SPL	127dB SPL continuous, 128.8dB SPL peak	131dB SPL continuous, 143dB SPL peak	131dB SPL continuous, 143dB SPL peak		119.6dB SPL continuous, 131dB SPL peak	119.6dB SPL continuous, 131dB SPL peak	124.5dB SPL continuous, 136.5dB SPL peak	130dB SPL continuous, 142dB SPL peak
System coverage	100° horizontal / 40° vertical dispersion	120° horizontal / 40° vertical dispersion	120° horizontal / 50° vertical dispersion		120° horizontal / 120° vertical dispersion	128.5dB SPL continuous, 140.5dB SPL peak	120° horizontal / 120° vertical dispersion	120° horizontal / 100° vertical dispersion

S SERIES

Christie Vive Audio® S Series subwoofers offer low distortion, low power compression, and minimal turbulence to deliver extended low frequency response at extremely high output levels for powerful and deep bass. S118LP and S218LP models are engineered for the reproduction of Low Frequency Effects (LFE). Combine the S115 and S215 with our LA Series loudspeakers to create full-range audio systems that can be used as screen channels or as corner surrounds for bass management.



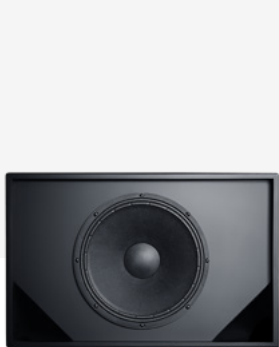
High cubic displacement cabinet, heavily cross-braced, ported and tuned



Extra-large port area with rounded edges for minimal air turbulence noise



Each driver has a discrete, internal ported enclosure for optimal performance



S115
145-108100-01

S215
145-103105-01

S118LP
145-180100-01

S218LP
145-181101-01

Application	Bass management	Bass management		Low frequency effects	Low frequency effects
System type	Subwoofer, ported enclosure, with EBS tuning				
Driver components	1 x 15" low frequency driver with dual 4" voice coils and long linear excursion	2 x 15" low frequency drivers each with dual 4" voice coils and long linear excursion		1 x 18" low frequency driver with dual 4" voice coils and long linear excursion	2 x 18" low frequency drivers each with dual 4" voice coils and long linear excursion
Frequency response	27-300Hz @ -10dB, 30-250Hz @ -6dB	27-300Hz @ -10dB, 30-250Hz @ -6dB		127.5dB SPL continuous,139.5dB SPL peak	133.5dB SPL continuous,145.5dB SPL peak
Maximum SPL	125dB SPL continuous, 137dB SPL peak	131dB SPL continuous, 143dB SPL peak		131dB SPL continuous, 143dB SPL peak	131dB SPL continuous, 143dB SPL peak
Sensitivity	1W/1m: 97dB	1W/1m: 100dB (40-150Hz)		1W/1m: 97dB (40-150Hz)	1W/1m: 100dB (40-150Hz)
Power handling	600W (AES) continuous 1200W (IEC) short term	1200W (AES) continuous 2400W (IEC) short term		1000W (AES) continuous 2000W (IEC) short term	2000W (AES) continuous 4000W (IEC) short term
Rated impedance	8 ohms	4 ohms		8 ohms	4 ohms

READY TO GET STARTED?

Christie has the design engineering expertise you can rely on with a team that can help evaluate a venue to get it PLF-ready recommending the right equipment. Let us know how we can help.

Once an auditorium is set up, Christie's Cinema Marketing team will work in conjunction with you to promote the site and the technology installed.

Innovation in every frame™

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