



Sound Sense brings big screen experience to award-winning home cinema with Christie

Arcadian Odyssey is an ultra high-end home cinema in India designed by Sound Sense, the technology integrator that specialises in the custom design and installation of high-end home theatres and home automation solutions. The installation of a DCI-compliant Christie CP4220 DLP Cinema® projector enabled the display to rival many professional cinemas around the globe, with the integrator scooping both the EMEA and Global CEDIA Awards for outstanding project.



Photo courtesy of Sound Sense

The owner required a home cinema to be used as a family show room, fitting 12-15 occupants to screen the latest Hollywood and Bollywood films in style. To meet the homeowner's needs, Sound Sense devised architectural blueprints to fully optimise the space while also creating a sleek design. With a dedicated projector room to house the Christie projector, the room was designed specifically to manage any excess noise and allow maintenance of proper air flow from the projector exhaust. As a further integration detail, Sound Sense also installed a power conditioner – positioned at the main power supply point leading to both the equipment rack as well as the projector – to handle any power surges or outages, which are common in the area.

The integrator is used to installing high-end home theatres, but this particular project was especially ambitious. "The client was quality-focused and wanted nothing but the best – there

were no budgetary restraints, only the requirement to design a world-class home cinema with an outstanding video experience. Having installed Christie projectors in the past, it was the obvious choice for us to recreate an authentic cinema in the home with extraordinary quality. The CP4220 projector allowed us to also install a large cinematic screen to further meet the homeowner's needs," comments Ankur Bhatt, Director of Sound Sense. "Up until this point, we had installed only 1-chip projectors. This is a 3-chip projector offering unparalleled image quality and more distinct and vibrant colours. We were able to secure the projector directly from Christie in India and have been thoroughly impressed with the positive experience and customer service we have received. All parties are delighted with the result – the set-up was completely discrete and included a monster-sized screen and immersive sound."



Photo courtesy of Sound Sense

Alongside the projector, Sound Sense meticulously designed the room to ensure both the video and sound together created an incredible viewing experience. Ambient lighting scenes were created to allow the client to adjust the feeling of the room, with additional custom diffused lighting added to the space. An immersive Dolby Atmos 9.4.6 system was added to deliver powerful sound reproduction, with four subwoofers placed discreetly in each corner of the room. The acoustic treatment was aimed to rectify the reverberation time (RT) and solve issues relating to flutter echoes. Setting up the correct RT in the room helped guarantee music clarity, sound definition and speech intelligibility to go alongside the remarkable video quality. Additionally, to attain the objective of precise listening, first reflections were treated, preventing undesirable effects like comb filter.

The Christie CP4200 platform offers highest level of content security, the easiest adaptability, most efficient operation, and straightforward maintenance. Fully DCI compliant, and built on Christie's extensive cinema experience, the 4K solution incorporates the proven design

concepts of the bestselling Christie CP2200 platform.

About Christie®

Christie Digital Systems USA, Inc. is a global visual and audio technologies company and a wholly owned subsidiary of Ushio Inc., Japan (JP: 6925). Christie revolutionized the movie industry with the launch of digital cinema projection, and since 1929 has embraced innovation and broken many technology barriers. From the world's largest mega-events to the smallest applications, our technology—from advanced RGB pure laser and SDVoE technology to image processing and LED display solutions—empowers people to create the world's best shared experiences. Visit www.christiedigital.com.

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