



CEDIA  
AWARDS  
2016

WINNER

Best Home Cinema  
over £100,000

Vintage home cinema, London







The projector was ISF calibrated to ensure the best possible colour accuracy.

To optimise picture clarity, we sourced a 4K ultra high-definition (UHD) projector. This was fitted into a custom-built projection housing at the rear of the room.

We installed an image scaler, and had this calibrated to Imaging Science Foundation (ISF) specifications. This ensured maximum picture quality and colour accuracy when using any video source.

We also used motorised masking so that the picture is in the correct ratio (e.g. 16:9 or 2.35:1) when watching TV or movies.



The Kaleidescope Strato plays movies in 4K resolution and supports high dynamic range (HDR).

A Roku media player streams Netflix and Amazon Prime Video to the cinema screen in 4K, and a Kaleidescope Strato 4K movie player allows films to be shown in UHD. The specially calibrated image scaler converts all video sources to 4K resolution, even if the native content format isn't 4K.



Curtains open automatically at the start of the movie.

## Acoustics

The room required significant acoustic treatment to maximise the output quality of the Dolby® Atmos® surround sound system.

Cyberhomes began by building a 'room within a room'. This meant we could isolate the sound from the rest of the house (and vice versa), and create the ideal acoustic conditions for cinema viewing. We installed 100 mm deep panels around the room, to absorb, diffuse and bass-manage different frequencies in order to create a perfectly acoustically-balanced space.

We selected an acoustically transparent Screen Research cinema screen, which allowed the left, centre and right speakers to sit in the ideal positions behind it. The surround and in-ceiling speakers are hidden behind acoustically-transparent fabrics, concealing all 13 speakers in the room.

As the equipment racks for the whole house were located in the home cinema, further acoustic treatment was necessary so that the cooling fans could not be heard.

*"Cyberhomes built our home cinema to the most advanced possible spec. The ultra HD (UHD) picture and 3D sound combination is truly spectacular—better than the real cinema experience."*

Homeowner, London



The entrance provides a sense of drama as well as acoustic isolation.

## Control

The cinema has a Savant Pro control system, which also works the AV, lighting, security and heating technology that we installed throughout the home.



AV racks (shown here with doors open) provide AV, automation and control for the whole home.

Motorised curtains create a sense of drama, automatically opening when a movie starts to play. Curtains in front of the bar close when a film plays, and open again if it's paused or stopped.



Lutron lighting control allows different lighting scenes to be quickly selected.

Multiple lighting circuits provide different scenes for entertaining, movies, TV or theatre. A wall-mounted iPad allows users to preselect the desired mode, so that the room is ready as they enter. Once inside, the system can be controlled from iPads or smartphones.

## Project partners

+ Pure Design Limited (Architect)

This project won the 2016 CEDIA award for 'Best Home Cinema over £100,000'. It is featured as a 'Pro Install' in issue 261 of Home Cinema Choice magazine and also as their 'Dream Theatre of the Year' in issue 268.



## Installed Systems

-  Automation and control: Savant Pro
-  Lighting control: Lutron Homeworks QS
-  Screen: Screen Research 130" 2.35:1 with electronic masking
- Acoustic panels: RPG Europe 'Behind The Scenes'
- Sound: Integra 7.2.4 Dolby® Atmos® receiver, Triad speakers, Triad Gold 15" subwoofers and Procella Audio amplifiers
- Projector: Sony VPL-VW1100ES 4K with Panamorph anamorphic lens
- Movie server: Kaleidescape Strato 4K
- Scaler: Lumagen Radiance 4K Pro 4242