



EQUIPMENT LIST

- Artnovion
- Crestron
- Lumagen
- Meridian
- MSR Acoustics
- Oppo
- Pro Audio Technology
- Severtson Screens
- Trinnov

INDUSTRY PARTNERS

**Jason Adams**  
 Real IT  
 Role: Specialty Consultant



# WAVETRAIN CINEMAS

\*\*\* HOME THEATRE DESIGNERS \*\*\*



**WAVETRAIN CINEMAS**

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CEDIA MEMBER

CEDIA is the global trade organization for firms designing and installing custom residential technology, and is the leading authority on the connected home. The CEDIA Awards represent the pinnacle of excellence in the home technology industry.



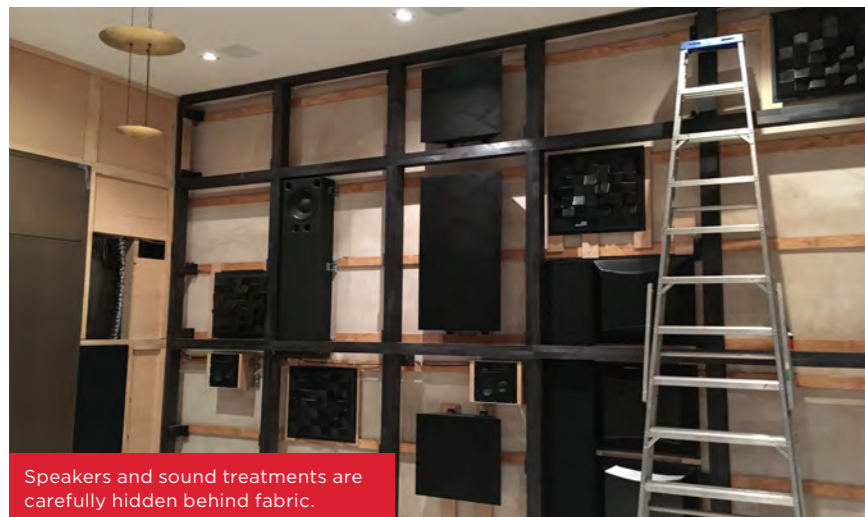
CEDIA AWARDS 2019

WINNER

Best Home Cinema  
Asia Pacific Level I

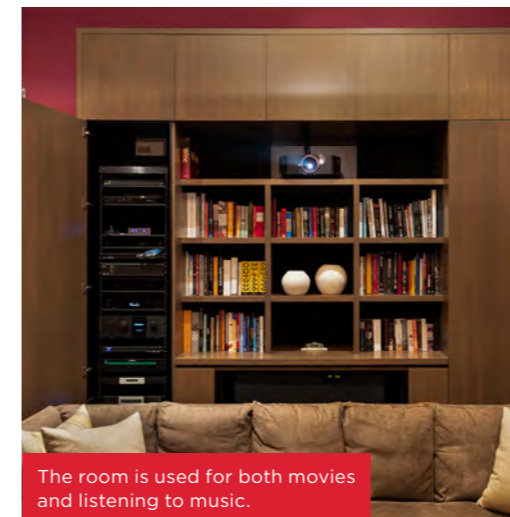


One challenge: Wavetrain couldn't change the look of the room.



Speakers and sound treatments are carefully hidden behind fabric.

THIS CINEMA WON A CEDIA AWARD YEARS AGO -AND WHEN IT NEEDED AN UPGRADE, WAVETRRAIN WON ANOTHER TROPHY FOR THIS MARVEL.



The room is used for both movies and listening to music.



WINNER

Best Home Cinema Asia Pacific Level I

PROJECT

### The Phoenix

TECHNOLOGY INTEGRATOR

### Wavetrain Cinemas

This home cinema that had actually won a CEDIA Award many years ago, but over time, technological advances had all but made the room completely obsolete. For example: the room had no subwoofers — no low-end frequencies

Additionally, the space was to be used for both surround-sound movie viewing as well as two-channel (traditional stereo) listening. The client had upgraded the projector at some point, but the aspect ratios didn't match the original screen: The client was viewing letterboxed movies. Sound treatments weren't up to par, either, and absorption and diffusion need to be added.

And one more thing: The client wanted the room to look exactly the same both before and after the upgrade. As a result, the side walls and the fabric between the side walls and the front and rear joinery were removed. This allowed for all the acoustic treatments, speakers and subwoofers to be installed correctly.

Wavetrain built new linings and turned the corners of the cinema into massive bass traps. (Note: Bass traps are used to dampen of "flatten" certain low frequencies to keep the listening experience consistent — and pleasant.)

Because Wavetrain needed to match the existing color in the walls exactly. Acoustically transparent fabric was custom printed to match and then used this to cover the speakers to create what was meant to be the original architectural design.

The final result was a winning project for the Wavetrain team.