



Wavetrain Cinemas

Wavetrain Cinemas is no stranger to our Awards, or indeed to others — it announces itself as Australia's most awarded cinema design company. And we were particularly impressed this year by a challenging project delivered with great success. We had the full story in *Sound+Image* only last issue, describing how it combines two projection systems on the one screen — firstly a high-level 4K home cinema projector for the delivery of movies, but also a second system using a commercial projector fitted with a short-throw lens in order to achieve an image across the entire width and height of the room, to create an 'art wall', a full seven-metre-wide feature wall to show projected art.

The challenges weren't restricted to the dual purpose and the tricky short-throw across the shorter length of the room. Ambient light was also an issue, with a window to the right of the screen; the solution used three blinds in total, plus blackout and the sheer curtains.

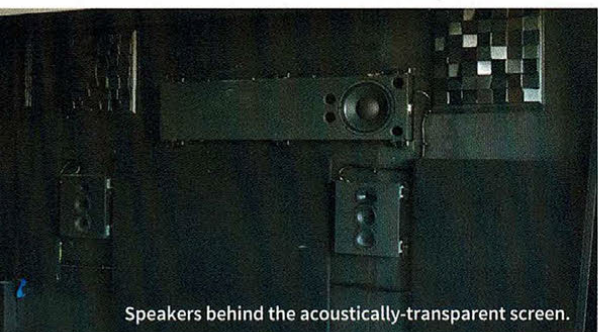
The audio system also delivers through Wavetrain's famous attention to detail, achieving a low noise floor through the use of a projection hush box, active cooling of the racks, and a complete redesign of the air-conditioning system. Wavetrain specified Pro Audio Technology speakers in 5.2.4 configuration, driven by two of the company's multichannel amplifiers. Two subwoofers behind the screen were carefully located to cancel two standing waves across the width of the room and one in the height, along with judiciously-applied absorptive and diffusive room treatment.

The owner is clearly delighted with his unique space, and we award Wavetrain for pulling off this tricky brief to its usual spectacular standards.

More info: www.wavetrain.com.au

JUDGES' COMMENT

"A difficult dual brief delivered to Wavetrain's usual spectacular standards."



Speakers behind the acoustically-transparent screen.



Wavetrain's David Moseley picks up the trophy.