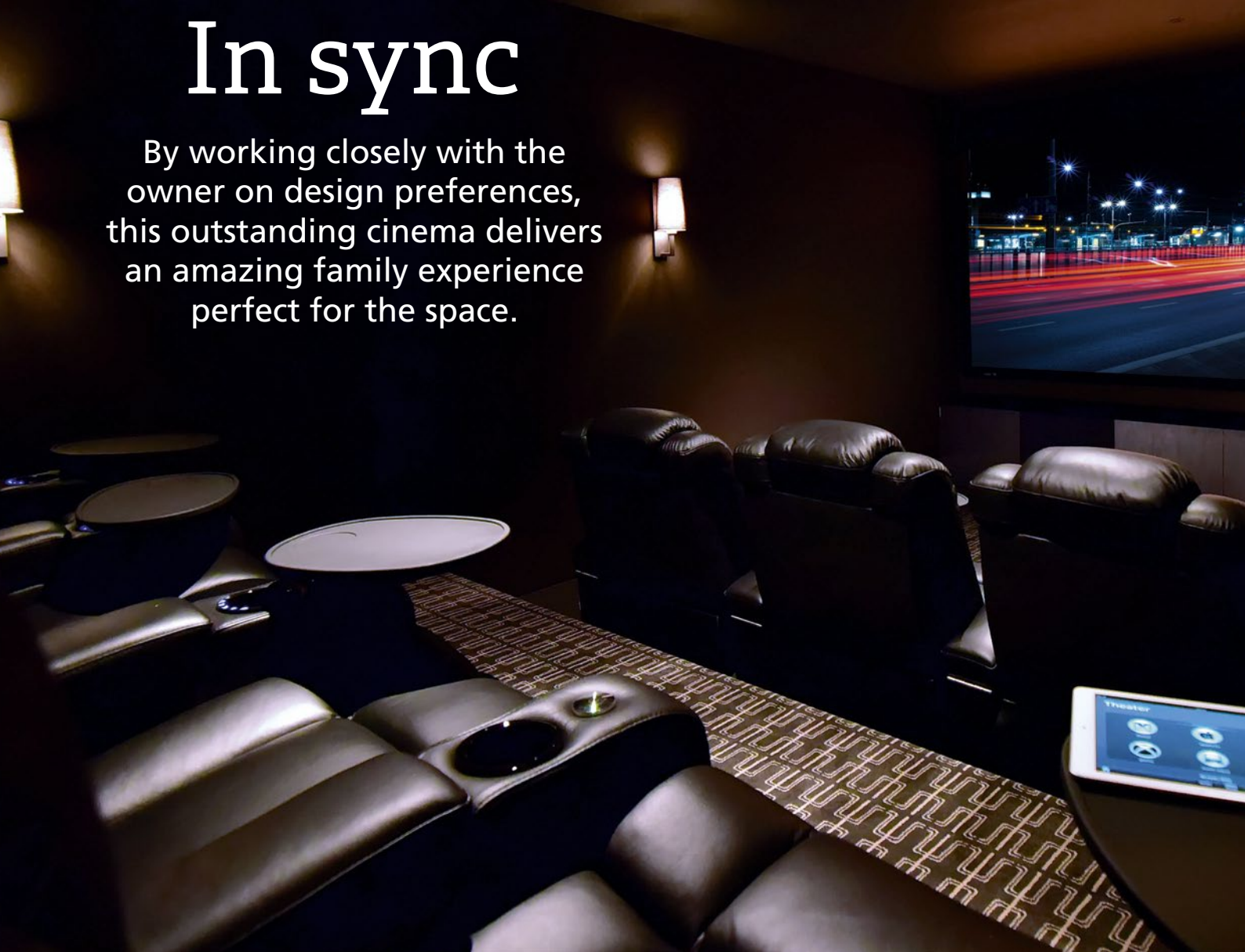


# In sync

By working closely with the owner on design preferences, this outstanding cinema delivers an amazing family experience perfect for the space.



**W**hen Len Wallis Audio was asked to do a dedicated cinema for this beautiful home, Alberto Vangi (LWA senior sales consultant) took on the project to ensure that the room was really special. And what made this project exceptional was the customer's own personal involvement, where the owner provided us with her ongoing feedback. This ensured that we worked together to deliver an amazing space, with her own personal choices in the colour scheme and preferred finishes. The result is precisely how a cinema should be.

Bringing such a special cinema room together required lots of planning from very early on in the project, with Alberto first working closely with the owners to determine the best solution for the room. Starting from the available space – 6.7m long, 4.1m wide and 2.7m high – we first determined the ideal seating positions, the optimal screen size and speaker configuration, and an overall layout which would ensure a properly cinematic experience.

Working closely with the client we determined that three seats at the front and four at the rear would suit the room

and the family the best, with Row One Cinema Seats chosen to deliver highly comfortable leather seating.

The screen is a 146-inch diagonal 2.35:1 Stewart Filmscreen Vertical Electrimask Screenwall. It incorporates drop-down vertical masking panels to present a cleanly bordered 116-inch 1.78:1 image, while its StudioTek 130 surface is microperforated for acoustic transparency to the THX 2 Ultra standard, ensuring reference performance quality for both video and audio.

To provide real impact to the sound (and those guaranteed goose-bumps),

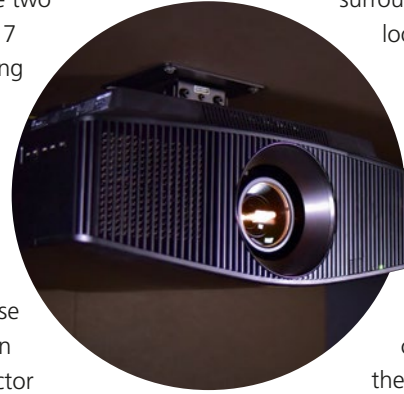


B&W cinema range speakers were chosen, with B&W CT7.3 speakers as the main left, centre and right behind the perforated Stewart screen. There are two of B&W's in-wall Cinema 7 speakers on each side lining up with each row, with another pair along the back wall. Four Dolby Atmos Cinema 7 ceiling speakers were placed above the seating positions. Bass is of course an essential consideration to give that real wow factor to movie sound, and here it is handled by four 12-inch Sunfire subwoofers, two at the front and two at the rear of the room. The result: a 7.4.4 Dolby Atmos Digital Cinema, the perfect solution.

The electronics included a Yamaha surround pre and power pair to look after the digital processing of the sound

and to drive the speakers with control and clarity at all volume levels, and at a higher level than using an all-in-one surround receiver. The processor looks after all the 4K video switching from key media sources, including an Oppo UHD Blu-ray player, Foxel IQ, Apple TV, and Kaleidescape, the world's best movie server, added for the customer to experience the highest possible level in audio and video quality – with the least amount of compression – so that all movies from 1080P up to full 4K HDR are crystal clear both in picture and sound quality.

The picture shown on the screen is nothing short of incredible – breathtaking picture quality that is not only brighter



CUSTOM INSTALLATION



than a commercial cinema but also clearer, thanks to a Sony 4K Laser VPL-VW760ES projector (see page 15), the perfect match for the screen size and for working with a high-quality Stewart screen. After a professional ISF (Image Science Foundation) video calibration by Mick Peaker of AVICAL Australia, the image was made still better again, being adjusted to accurately meet global video standards. The 'before and after' 4K HDR performance was shown to the owners and they were astounded at how much better the image had been made, given they already thought it was great – with so much depth that you feel totally absorbed and don't want to leave the room.

Project management was impeccably handled from start to finish by Onur Guresen of Len Wallis Audio, with installers Alex (also programming), Jonathan and James fitting out the room to the highest quality standard. To facilitate ease of use, we implemented an RTI control system, with an Apple iPad programmed by Alex replacing all of the individual product remotes and leaving

the end-user confident of working the system, including the Stewart masking screen. For example the press of a single button selects between the 16:9 and 2.35:1 Cinemascope format options, with the Stewart screen masking raising and lowering as required.

We are very proud with the finished result. The B&W speakers and the premium audio system delivered precisely the results we were after, while image quality and control were of the highest level. It's our opinion that the solution provided here is absolutely perfect for most home-owners considering a cinema within their home, and we can confidently say that the owners here are over the moon with the room in every possible way. Indeed they provided us with the following feedback:

*"Len Wallis Audio's Alberto Vangi went beyond expectations in leaving no stone unturned to ensure our cinema would be truly special and give us an amazing experience our whole family can enjoy together for years to come... We discovered that cinemas are highly*



*technical requiring a high degree of expertise and knowledge of the latest technology as well as the structuring of the room set-up for best sound and vision in order to get an outstanding result. Alberto had this, as well as amazing attention to detail and commitment and we felt so glad we chose him to work on our project. The cinema has become a real highlight of our new home which every family member loves!"*