

## CASE STUDIES

## DECEPTIVELY POWERFUL

SIMPLE TWO-COMPONENT RTI CONTROL SYSTEM DELIVERS EASE OF USE  
FOR HIGH-END HOME THEATRE



## PROJECT SUMMARY

For integrators, it takes a lot of planning to deliver the perfect home theatre for a client. In addition to booming sound and breathtaking pictures, a key element to an unforgettable home cinema experience is convenient and simple operation of high-end components. And the more sophisticated the system, the greater the need for easy-to-use, intuitive control. A good example is a project completed by Sydney, Australia-based integrator Len Wallis Audio. From seating to audio and video quality, the home theatre is nothing short of a marvel.

## IMPLEMENTATION

Headed by Len Wallis Senior Custom Sales Consultant Alberto Vangi, every detail was carefully considered to deliver a sophisticated result like no other. Seating for the home theatre is sourced from a premium supplier, featuring three seats in the front row and four in the rear. A 146-inch diagonal 2.35:1 perforated projection screen features drop-down vertical masking panels to present a cleanly bordered 116-inch 1.78:1 image. Dazzling picture quality is delivered by a high-end 4K laser projector, with professional video calibration ensuring optimal performance.

And then there's the sound. A dedicated cinema speaker system was chosen, with high-performance speakers behind the perforated screen providing the main left and center channels. Six in-wall cinema speakers are utilised: Two on each side lining up with the seating rows and an additional two along the back wall. To top it off, four ceiling-mounted speakers were installed to enhance the immersive surround sound experience.

Four 12-inch subwoofers—two at the front and two at the rear—deliver deep, powerful bass. Digital processing of the sound is handled by an advanced AV processor, which also takes care of 4K video switching from media sources, including a UHD Blu-ray player, streaming devices, and a media server.

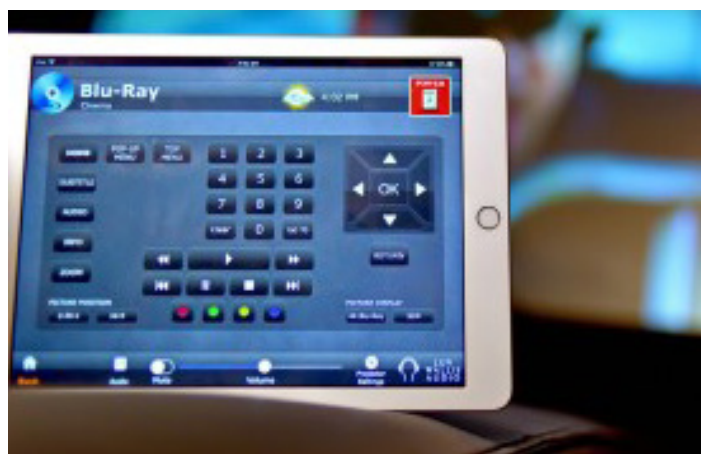
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“That is a lot of high-end equipment at the homeowners’ disposal, but it would have been useless if they couldn’t operate it, and having a table full of remote controls for different components is never an option in a space like this”. What was needed was a powerful yet intuitive solution that streamlined control without detracting from the theatre’s sleek design.

Len Wallis went to RTI to bring its creation under control, and all it took was two components. The first is the company’s **XP-6 control processor**, which was easily able to reign in all the home theatre’s technologies. The second is the **RTi Panel app** running on an iPad mini, which provides the homeowners with effortless control over every aspect of their home theatre experience.



“Not only did RTI replace all of the individual component remotes with an elegant app, but it left the homeowners completely confident in operating their system.”

*Alberto Vangi*  
Senior Custom Sales Consultant, Len Wallis Audio

## CONCLUSION

“Not only did RTI replace all of the individual component remotes with an elegant app, but it left the homeowners completely confident in operating their system,” said Vangi. “This was especially important for the projection screen’s masking system. With the press of a single button, they can select between the 16:9 and 2.35:1 Cinemascope format options, with the screen’s masking automatically adjusting as required. Our client is overjoyed with their home theatre and providing them with a high level of control was an essential element in achieving that result”.

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