

CEDIA APAC Awards 2019 – Winner of Best Innovative System or Solution – Smart Home Solutions

Executive Summary

The CEDIA Awards celebrate the many ways technology enhances the home. Sydney-based residential installation company Smart Home Solutions were recently awarded APAC region's Best Innovative System or Solution, for their work on a residential project that required a solution to integrate hearing loop zones throughout the house. This created an assistive listening environment that enables the occupants to enjoy the audio output from the home's music sources and TVs.



Results

All speakers were concealed within linear air conditioning grills both functional and dummy.

No speakers at all were visible. The net effect in all spaces was clear, crisp audio emanating from an unidentifiable source.

Close coordination with builder and trades was required as the speakers were mounted to fabricated brackets behind the grills. The backs of the speakers were left open to take advantage of the boxed in voids thus utilising these acoustic chambers and enhancing the lower frequencies.

The extensive range of Sonance speakers ensured that there would be a specific model that suited the particular application in each of the rooms throughout the residence.

Project Outline

Called 'The Loops', the project required the company to develop a system of integrated hearing loops, delivering a wireless signal to the client's hearing aids.

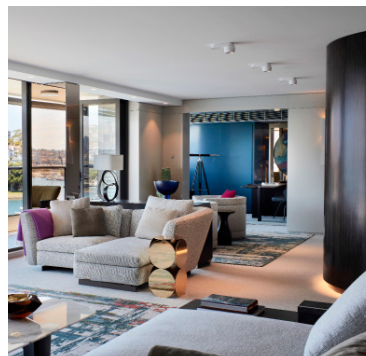
The unique objective was to position the loops throughout the residence to integrate with each AV zone and the house music system. This would allow the audio playing in the room to be broadcast into the hearing loop system. The owner wanted to create a system that played a different audio source in each zone, allowing the occupants to walk between them and not have any overlap or 'cross talk' between zones.

Product Solution

Smart Home Solutions used a house music amp to receive all of the home's music sources and back-fed audio from the TVs. They then sent the 'loop' audio to a processor as well as amplified audio to concealed Sonance speakers

The Sonance speakers used on this project were:

Living - 1 x Pair VP62
Kitchen - 2 Pair VP62
Study - 1 Pair VP62
Ensuite - 1 x Pair VP62
Bed 2 - 2 x VP46SST
Bed 3 - 2 x VP46SST



Conclusion

CEDIA's judges noted that this project was the kind of assisted-living solution that member firms are uniquely suited to provide.

Enquiries

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