

Dynamic church installs audio for passionate live music program.



**Planetshakers City Church,
Melbourne, Australia**

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Setting the scene

Planetshakers City Church in downtown Melbourne is home to a vibrant faith community and a world renowned contemporary praise and worship music program. Led by Pastors Russell and Sam Evans the church has a growing congregation online as well as locally, where the church's venue can welcome up to 2,200 parishioners across its stalls and two balconies.

Establishing objectives

When the church decided to replace its existing PA system it was already sure of its needs. "Delivering clear, accurate spoken word was a priority; the utmost intelligibility was a necessity," explained Production Director, Dan Cornwell.

"The dynamic nature of our services has a major musical component; this demands high Sound Pressure Levels and because of our expanding numbers we stage multiple services, so the system needs to be able to cope with regular and consistent use."

Cornwell also had other objectives in mind when he contacted Dave Jacques at d&b Distributor, National Audio Systems (NAS) for advice on replacing the system. "Clear and consistent coverage across the broadest frequency spectrum was a key factor. Dave recommended the d&b audiotechnik V-Series and during the demonstration his judgement was vindicated. The system exceeded our expectations."

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Jacques looked to the room: "The number of balconies within the venue, and the fact that they extended down to the very edge of the stage, posed numerous challenges. The balcony fronts also had the potential to create unwanted reflections onto the stage. The musicians might be using in-ear monitors but such reflections only serve to muddy the general sound image."

The solution

Jacques consulted with d&b Application Support in Germany on the design. "Some clever rigging to direct sound energy into the balconies and a neatly distributed system of fills and delays provided what Dan was looking for." As well as the full complement of V-Series, V8, V12, and V-SUB, the final system included B2-SUBs as well as elements of Q-Series and 5S and 8S loudspeakers from the xS-Series for fill and delay.

Cornwell and his team undertook the installation of the system, with assistance from NAS.



"Even the boss of the company, Shane Bailey came down to help," noted Cornwell. "He might have been curious to see why a church would want such a powerful system, but it was obvious to me that he was also scrupulous in ensuring the system was correctly set up."

"The final installed system delivers across an extremely wide frequency range with minimal distortion. That's probably the most noticeable feature of the V-Series, for a line array of its physical size it has all the potency of a much larger system and stands apart from other systems even further by its remarkable fidelity and efficiency."

"The flown centre V-SUB cluster is the icing on the cake, delivering an incredibly powerful low end punch to the upper balconies. We are extremely happy with the results of our new system. It's great to find people who are as passionate about finding solutions as we are. The knowledge and assistance that came out of Germany and from NAS really impressed us."

> System: 5S, 8S, B2-SUB, V8, V12, V-SUB