

Creating a new room with a **Vue**

Executive Summary

Orange Ex-Services Club is a community club located in rural NSW. The Coral Sea Room is the main function room of the Club, a 400 seat cabaret-style room catering for a wide variety of functions ranging from weddings and gala dinners through to meetings for the Club's members.

The Coral Sea Room underwent a major refurbishment in October 2015, which included the installation of a new PA system for the room.

Challenges

An important part of the design process was taking into account the acoustics of the room. Being a large hall that required even sound coverage from front to back, the system had to be capable of delivering high quality, intelligible audio for all of the potential audience members.



Aesthetics were also a high concern as the room was being completely renovated for rebranding and it had to look neat and inconspicuous, but still deliver high end results.

The key challenges with the room were rigging points, and therefore rigging heights for the boxes.

There was much discussion with the foreman of the renovation about where the rigging points needed to go, and how it all needed to click together. The original scope needed to be modified several times to meet the engineer's requirements.

With only four boxes a side weight was not an issue, and a single point pick up was sufficient for angling of the boxes. Directing the boxes was quite simple, the boxes were tied off to the projection screens to keep them from "swinging in the breeze."

Finding a place to hide the Sub-woofer was also an interesting challenge. There was an existing powered stage extension which had been decommissioned, but all the old parts were still located under the stage. The solution was to mount the sub-woofer on top of the stage extension carcass, cutting a hole out of the front of the stage. A spare air-conditioning grille was used to dress the hole housing the sub.



The Vue Audiotechnik Solution

The existing PA was a set of double 15 and horns placed in the corners of the room on a ledge.

The Vue Audiotechnik system installed was 4x al-4 per side and an as-215 sub-woofer to give some bottom end support. The system was scoped as a speech and playback PA for the room, with the potential of Duos/Trios to be played through. Vue was used in conjunction with Apart systems for drive.



Results

The room has been in use since October 2015 and the Vue Audiotechnik system has delivered on the intelligibility or sound levels that the PA can produce, for all different types of events held in the room.

"We have been installing Vue for a few years now and knew they'd be the right product for the job."

Dane Morgan, Colton Computer Technologies