

## Case Study

### Scalers

Scalers can enhance AV system integration by streamlining system design, operation, and reliability through quick, robust switching between a wide range of video signals. They also employ high performance video processing to deliver a single, high quality video output to the display device. To ensure proper system performance and the best possible image, the display and scaler need to be properly set up and calibrated to work together.

### DSP (audio)

Digital Signal Processing (DSP) is all about creating focus on something that is akin to honoring its message or its intrinsic beauty. DSP can remove the mundane and the clutter in audio much like a photographer crops an image to focus attention on one visual concept.



### key aspects

- System Flexibility
- High Quality Images & Sound
- High Quality Installation

## High Quality Presentation Equipment - Apex City Quay Hotel & Spa

The Apex City Quay Hotel is a 4 star hotel and spa, that with additional rooms available to host events. Among these is the Art Gallery Room on the first floor which is currently used for anything from wedding receptions to corporate events and training. The room did have the use of portable audio and visual equipment, but it was felt that a more permanent solution was required. This solution needed to cater for all the users of the room, from a wedding reception wanting to play their iPod/MP3 player on the audio system to a full presentation using projection, audio and wireless microphones.

It was decided that the equipment would be installed in two parts. The first part involved improving the audio using ceiling mounted stereo and 100v line speakers. It also included installing a new **High Definition** Epson multimedia projector and a screen. This new projector will provide audiences with brighter and sharper images, improving the impact from the presenter.

*"While budget is always a consideration during the planning stages of an installation, we had to balance this against a high-end requirement. This led us to look at splitting the project into two parts. The first part covered the installation of front of house equipment (connection plates, projector screen and audio with cable infrastructure, the second part will include multiple input options, switching & control"*

*Glen Ogden—CAV*

The screen installed is electric and will become one of the many features of the control panel once the second part of the install is completed.

One of the key audio components is the Jamo Ceiling speakers. With this unique in-ceiling speaker, you can create a great sound experience, which emanates from above.