



San Gabriel Elementary

ABOUT SAN GABRIEL

Located in Atascadero, Ca San Gabriel is a K-6 School and part of the Atascadero Unified School District.

THE CHALLENGE

Serban Sound was contracted to design and implement a user friendly, scalable multi-purpose room. The audio, video, and stage lighting control system needed to be specifically engineered for multi-use school functions as well as district board meetings. The system was required to provide support for every day functions such as playing DVD's, music playback, Laptop connection, and microphone usage in both the MPR and the outside amphitheater areas.

THE APPROACH

A detailed site visit, room survey, and customer interview were conducted by Serban with the San Gabriel staff. A proper usage analysis was determined and Serban engineered a custom control system based on the site and client requirements.

THE RESULT

Serban supplied and installed a user friendly, expandable control system with a custom 7" touch screen interface. All aspects of the audio, video, and lighting on site are easy to control with the touch of a button. The new system is configured to display media from Blu-Ray discs and laptops located in the equipment rack through the existing projector and screen. Serban Engineers factored in room dimensions, the existing acoustic environment, and speaker selection to engineer the best possible sound coverage for both music playback and spoken word. The crystal clear sound is delivered through the use of Bose professional grade speakers powered by a Bose Multi channel zoned amplifier giving the end user the ability to control audio together or separately in the MPR and the outside amphitheater. The digital signal processor ensures that the audio sources are routed to correct components at the proper levels. Paired together this type of audio design helps to eliminate microphone feedback. The stage lighting solution consists of twelve RGBW - PAR can lights for color mixing, dimming, and custom presets for scene recall. Stage lighting is now available for the school site to use during a variety of events such as plays, presentations, and awards ceremonies.

