

**DIGITAL**  **PROJECTION**

## House of Worship Case Study





## House of Worship Installation

### Project: Danbury Mission Church

A comprehensive audio and video system was installed at Danbury Mission Church in Essex. This includes Digital Projection DLP projectors, a full Roland system including consoles, stage boxes and personal monitors. The church has a packed events calendar and needed a high quality system that would be flexible enough to cater for speech, live bands, vision and playback but simple enough to be used by a number of people with varying technical knowledge.

### Projector Requirements

To ensure the best possible image, Wigwam required a 3-Chip DLP projector with a high light output, a fully featured interface yet small and quiet enough to be used in a Church.

They specified a Digital Projection Highlite 660 projector and a Roland V-800HD Multi format video switcher along with a pan/tilt/zoom (PTZ) Vaddio clearview HD remote controlled camera. The V-800HD and projector are controlled by RTI advanced control products, set up with a dedicated button for each source allowing the user to simply choose from a control panel of eight switches.

### Why Digital Projection were chosen

Wigwam have used Digital Projection's range of DLP projectors in House of Worship installations in the past, and they knew that that quality and reliability are of utmost importance in the projectors. Coupled with local after sales support, Wigwam had a Digital Projection team on hand to help with any technical questions.

### What Else was Integrated

d&b audiotechnik white range loudspeakers were chosen for their exceptional sound quality and ease of installation. Two xA series 10AL-D were installed along with two 18A subwoofers. Three 5S loudspeakers were installed as frontfills and two 8S loudspeakers were needed to cover the mix position on a balcony. Loudspeakers were installed with two 10S at the front to cover the body of the church, two 8S loudspeakers to cover the balcony area and three 5S loudspeakers for frontfills. Two 18S subwoofers were also installed as the church needed a full range system to cope with their worship band and also for musical events in the building.



Above: Highlite 660 projectors were installed with long throw lenses to create stunning image quality on a large screen in a room with high ambient light.

### The Highlite 660

#### Key Features of the Highlite 660

- 3-Chip DLP Digital Projector
- Up to 8,000 Lumens and 1080p and WUXGA Resolutions
- Dual Lamp, 3D Capable with High Bandwidth inputs
- Inputs include DVI, HDMI 1.4, 3G-SDI
- Geometry Correction, Edge Blending, Black Level Uplift and Warp/Blend
- Precision Engineered, strong and durable



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