

CREATIVE AUDIO-VISUAL SOLUTIONS



CREATIVE at work

Hoddesdon Baptist Church

Flexible Communication



Ceiling mounted EV ZX1i speakers for landscape orientation. The main projection screen and wall mounted LCD displays are also visible.

The new audio and visual system at HBC allows the main Church space to be used in two orientations – landscape and portrait for flexible services and meetings. The speaker system was configured using six Electrovoice ZX1i speakers - switched via a DC-One speaker controller for both orientations. An active EV SBa760 subwoofer provides low frequency reproduction for improved amplification of drums, bass guitar and keyboards. On the visual side of the system, HBC's Eiki 3000 lumen projector was retained within a new advanced AV infrastructure allowing up to nine LCD screens to be wall mounted for main image and relay/working screen display. This was achieved by using Kramer AV optimised Cat5e cabling throughout the Church via a patching system so that each display can be fed from any source. A Kramer 8x8 scaler also provides flexible switching to these displays from the operators console.



AV Rack containing all amplification, the EV DC-ONE speaker processor and AV connection patch bay utilising Kramer Cat5e cabling and hardware for the highest image quality.



A single multipin connector allows the operator console to be disconnected via one reliable plug and socket.

CAVS worked closely with the team at Hoddesdon Baptist to design a system providing a high level of flexibility and future proofing. The complete digital solution for the modern Church.

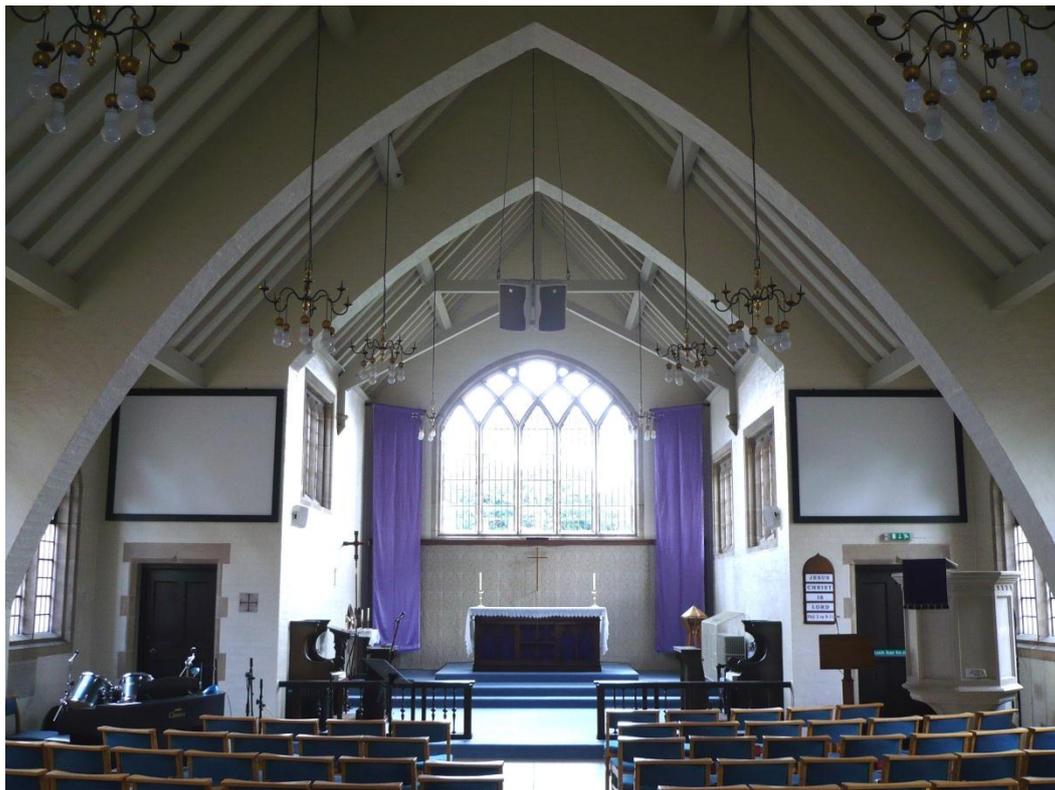


Picture showing one of the wall mounted LCD displays mounted on a Z-bracket for angling to different areas of the congregation depending on room orientation. Via a custom designed four-output PC, every display has the option of showing either the main projection information, working screen or desktop as preferred.

Sales & support call: **0844 5678 065**
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Creative Audio-Visual Solutions

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Christ Church, Flackwell Heath is a demonstration of how an effective audio-visual system can radically improve communication within a Church. By utilising a dual screen projection system with 4500 lumen short-throw Eiki projectors, clear images can be seen throughout the congregation for song word, bible passage and video projection. Via a Kramer VP-728 switching scaler, operation is straightforward with any source (camera, PC, DVD etc) easily selected by the operator. The VP-728 also provides picture-in-picture facility and high quality upscaling to ensure images are at their optimum level. A 50" Samsung plasma screen was also installed to allow images to be seen clearly from the platform. Kramer AV Cat5e cabling and hardware was used throughout for present image reliability and future high definition developments.



The Kramer RC8IR touch panel providing network, RS-232 and IR control to simplify projector and plasma screen operation



One of the foyer AV systems for relaying service audio, projection and camera images



A Samsung plasma screen for viewing all images from the platform. The custom PC utilises a dual head extended projection output allowing a working screen view from EasyWorship Software

The audio system features a central Electrovoice ZX1i speaker cluster. This ensures excellent auditory focus to the centre of the platform from any seat within the congregation. An EV SBa760 subwoofer and digital speaker system ensure full range sound quality for lively Worship and realistic DVD and CD reproduction. An Allen & Heath GL2400 24 channel mixing console was recommended to maintain high sound quality as well as to ensure simple user operation. Within the two foyer areas, balcony and Sanctuary, a 100v line sound system was installed with local volume controls. The foyer systems were supplemented with dual 19" TFT monitors to show main projection and fixed camera images for those not in the service. All-in-all, the system demonstrates how high levels of technology can be integrated into the Church environment with emphasis on effective communication of the message and ease-of-use.

For advice or to arrange an onsite consultation, please call:

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