

CREATIVE DIGITAL SOLUTIONS



CREATIVE at work

St Mary's Church, Watford

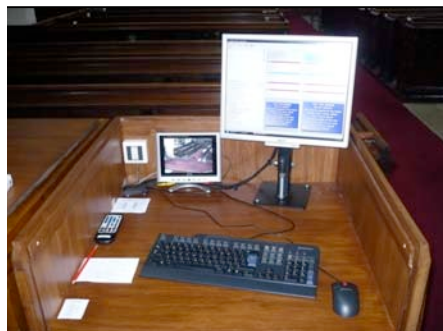
Bespoke Audio-Visual Solutions



A custom designed long-drop tab-tensioned screen was commissioned for St Mary's to provide clear visual communication and the ultimate in discreet installation. *Actual image – not superimposed.*

The system is designed to be as simple to operate as possible whilst allowing for maximum flexibility. A Kramer dual scaling system allows the main and side screens to view independent images. This enables a camera image of the front of the Church to be shown on the side aisle screens (where the congregation do not have clear sight of the platform) while a Powerpoint presentation is showing on the main screen.

System operation is via a Neets Foxtrot control touch panel allowing all functions such as turning projectors on & off and operating the motorised screens to be accessed at the touch of a button. This negates the need for multiple remote controls and a complex operating manual!



Lenovo desktop PC system with 7" camera/DVD cue screen and system touch panel



A Sony remote motorised camera. Images from the camera can be previewed before sending images to the main screens

The new audio-visual system at St Mary's Church in Watford is a triumph over the common battle of performance versus aesthetics. Featuring three projection screens for the main and twin side aisles along with cutting edge control hardware, the system is both highly functional and simple to operate. The main feature of the installation is the custom rear projection screen, designed and made specifically for St Marys, which allows the screen to hide away completely when not in use. Utilising additional drop-material and tab-tensioned fabric technology, the screen maintains tautness for the highest quality screen image and long term reliability. An Eiki X71 5500 lumen projector, again discreetly mounted, within the wooden beams behind the screen, provides clear text and video images in all daylight conditions.



One of the two side aisle screens featuring 3000 lumen Eiki projectors and remotely operated motorised screens



The main projector, an Eiki X71 5500 lumen high contrast LCD model, discreetly mounted within the ceiling wooden beams with full operation controlled via remote touch panel

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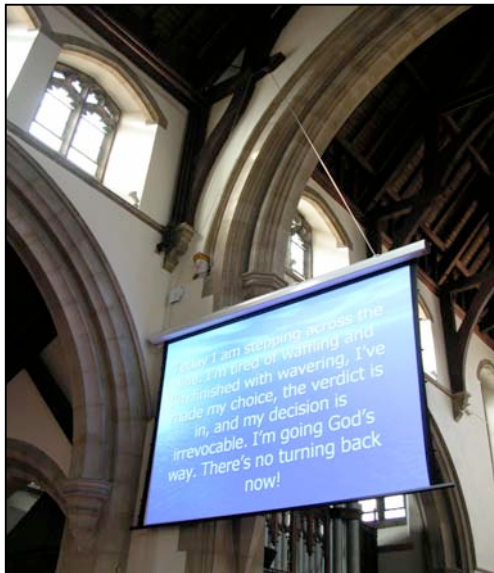
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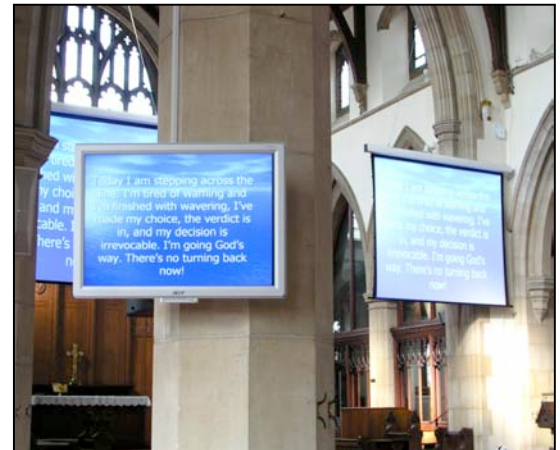
Creative Digital Solutions strives to provide the ideal AV solution in Churches – both technically and aesthetically. At St Paul's Church in St Albans, there was a need for a dynamic system which provides clear communication throughout the Church whilst also being able to hide away into the fabric of the building.

Often, CDS are required to design custom hardware and in the case of St Pauls it was a necessity. A unique dual hoist screen system was made to provide maximum viewing capabilities with the ability for the screens to be wound down vertically to rest discreetly against the front pillars. When in use, the tab-tensioned screens are electronically operated via a simple touch panel control system which also turns both projectors on and off without the need for multiple handheld remote controls. The projectors themselves are Eiki LC-X71 models providing 5500 lumens and high contrast for excellent daylight image quality and, along with their unique 5-year warranty, ensure long term reliability.



Picture showing the CDS theatre-style hoist system with industrial pulleys and certified steel cabling for reliable operation

Multiple relay screens, to allow the congregation seated behind pillars, were also installed. To ensure clear visibility, four 26" Acer TFT displays were linked via a Kramer switcher-scaler with an additional two front facing monitors for viewing from the platform. This ensures that musicians and speakers can see the projected images without having to turn to the main screens. The Kramer scaler system is of benefit to the larger audio-visual set-ups in many ways. It provides simple and smooth input switching between different sources such as PC and DVD, as well as outputting synchronised images, at full XGA resolution, to the projectors and relay screens



One of the many 26" Acer flat TFT monitors fitted behind the pillars to provide clear images to the entire congregation



The Eiki MCS-1 Control Panel

Single point control systems are becoming increasingly popular for overall system operation. Rather than keeping numerous remote controls to hand, a single touch panel can control all equipment, switch input sources on projector and scaler device as well as provide DVD transport controls all from one unit. The Eiki MCS-1 touch panel was chosen for St Pauls, with infrared and RS-232 control. This is linked to the projectors, and via a Nikobus mains relay system, to the dual motorised screens.

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

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