



CASE STUDY

Compass Control® & KD Matrix Switchers Enable Contemporary Church Redesign

Sound Design & Innovation proudly redesigned and implemented new Audio and Video System for one of the largest United Methodist Churches in North Georgia.

Northside Church, a United Methodist congregation, now serves as SDI's showcase venue in the Atlanta area and has solidified SDI as an established innovator in the house of worship market. All with help of full integration by Compass Control® and Key Digital® Matrix Switchers.

From the start, it was clear that this renovation was going to be a challenge. It not only required the renewal of three separate and distinct worship spaces, but each space had to maintain or improve upon aesthetics of the environments without disassembly of the architectural elements to gain access to infrastructure. At Northside this meant modernizing two traditional worship spaces and upgrading some of the systems in the Faith & Arts Center.

The smaller chapel required installation of two new Digital Projection E-Vision 6000 projectors with retractable Draper screens and a Key Digital Matrix switcher. The new PA was composed of two Electrovoice ZX1 main speakers, two ZX1 subs for the low frequency reinforcement and an Electrovoice DC-One for control. As was true in the sanctuary, an Allen & Heath GLD-80 runs the show.

All of the new systems had to carry a common theme and that theme was "interconnectivity." One of the biggest issues facing the church was overflow on busy Sundays and sending signals to other spaces. The remedy to this problem: all of the Allen & Heath consoles took advantage of the optional 64 x 64 channel digital audio expansion card using Audinate's Dante digital audio networking protocol. All of the wireless mics in the facility were upgraded to Shure's new ULXD4Q series receivers to take advantage of the built in Dante I/O. Symetrix's new built-

in Dante functionality allowed SDI to build the Faith and Arts Center's audio systems with no analog connections between the console and DSP. Combined with the above-mentioned newly installed fiber optic AV network, any channel from any console can be mixed in any other room. Blackmagic Design's fiber optic transceivers allow for similar features with all of the video systems.

The icing on the cake, Key Digital's new Compass Control system, was implemented in the Chapel and Sanctuary to allow iPad-based control of all of the major functions in each of those spaces, including limited fader control and pre-set recall on the GLD-80 consoles.

