



**Client**  
Renovation Church

**Job**  
New building audio, video,  
lighting, and acoustics

**Job Budget**  
\$273,000

**Date**  
2019 - 2021

**Location**  
Blaine, MN



From their beginnings in 2009 at Northpoint Elementary School to the opening of a brand new building in September 2021, Renovation Church in Blaine, MN is a community called “to be a people being changed by God to change the world.”

Audio Logic Systems began working with Renovation Church leadership in 2019 to plan the audio visual design of their new worship center. The integration includes audio, video, stage and house lighting, an integrated control system, acoustic treatment, and infrastructure for a phase two expansion. The design is focused around maintaining the intimacy of the space while also providing exceptional modern production value.

*“We enjoyed working with ALS. They not only were very affordable, but they bring a lot of expertise when it comes to working with churches and knowing what churches are looking for! We wanted to create a Worship Center where everyone could feel like they were really close to the band or pastor, and we felt like ALS really helped us do that. From the size of the screens, to the placement of the speakers, many people comment on how intimate the room feels...even though it seats 480 chairs! ALS really helped us in placing LED overhead lights all over the worship center, which was a unique thing we really wanted to accomplish as well. ” David Sorn, Lead Pastor*



Renovation Church's multi-year and multi-phase new building project included Audio Logic Systems to provide audio, video, stage and house lighting, acoustic treatment, and integrated control installation.

Video production is an increasingly integral part of sharing the Gospel. With a wide yet shallow worship center design, and considering the phase two expansion, projection screen placement was done with particular care. Aided by architectural modeling, two 16' x 9' Da-Lite screens with Vivitek projectors were installed to give each seat excellent sightlines. For those viewing remotely, a multi-camera feed with graphics and text overlay is streamed for each service.

Integrating house, stage, and environmental lighting provides a next level worship experience, even amongst today's modern churches. Stage lighting includes Martin ELP CL LED ellipsoidal and Chauvet Professional Ovation F-915FC LED fresnel fixtures. House lighting consists of Chauvet Professional Ovation H605FC LED fixtures and Environmental Lights RGBDW LED strip light for in-stair illumination. Current environmental lighting is Environmental Lights RGBA LED strip tape integrated amongst the acoustic treatment on the up-stage wall. A ChamSys QuickQ 20 lighting console provides full dimming and color control of all lighting elements within the sanctuary. In addition, pre-programmed presets can be readily recalled from multiple locations using wall mounted push button panels and an AMX touch screen within the tech booth.

To meet the expectations of a modern worship service, sound reinforcement is provided by a d&b audiotechnik loudspeaker system. Three d&b 24S-D cabinets are flown to provide even coverage. A single d&b B22 subwoofer is integrated into the stage with infrastructure to add two more in the future. The subwoofer cavity was carefully designed so as not to affect the in-stage baptismal font. Renovation provided their existing Allen & Heath Qu-24 digital mixing console and in-ear monitoring system for integration. Room acoustics products by Perdue and Primacoustics were meticulously planned for and installed to maintain the intimate feeling Renovation desired while giving freedom to their modern worship team.

Using AMX integrated controller products, the system can be powered on/off and manipulated easily via a touch screen panel within the tech booth. ALS provides programming services to create customized controls that fit Renovations needs.

Thoughtful planning is what made Renovation Church's new building project a success. Considering the needs of the community and planning for how the building can support them requires a village. Audio Logic Systems is proud to serve Renovation Church as their audiovisual integrator, providing the technology to meet the needs of the modern church.