



Arizona Church Uses AV Bridge MatrixMIX to Record and Stream

FEATURED PRODUCTS

- » AV Bridge MatrixMIX Production Switcher
- » PCC MatrixMIX Camera Controller
- » TeleTouch 27" Touchscreen Multiviewer
- » RoboSHOT® 30 PTZ Cameras
- » RoboSHOT 12 PTZ Cameras



CHALLENGE

Willow Hills Baptist Church was seeking a way to capture and stream their weekly worship services. They needed an affordable solution for video cameras and a production system in order to broadcast to its 500 members. They also wanted something that would be easy for congregational volunteers to use without much training.

SOLUTION

Vaddio was able to provide a strong family of products that worked well together. The AV Bridge MatrixMIX switcher, PCC MatrixMIX camera controller, TeleTouch 27 touch-screen multiviewer, RoboSHOT® 30 and RoboSHOT 12 PTZ cameras were integrated through CCS Presentations, Scottsdale, Ariz.

“The camera system is pretty straight forward,” said Dana Halsey of CCS Presentations, “and we connected it to their existing (audio and projection) system, to their routers, projectors, to the overflow room, and the production room, where they are able to stream.”

Recording the services has opened up the possibility of expanding the number of services by replaying the pastor’s 30-minute message during the new service later in the day. The AV Bridge MatrixMIX also allows them to display different views on the front and back projection screens.



RESULTS

Work was finished in April, and the church didn't even wait a whole week to try it on a service. Instead they partially recorded a youth rally that night to practice working with the PCC MatrixMIX Live Production Controller.

The AV Bridge MatrixMIX, along with the TeleTouch Multiviewer gives Smith a preview of all four cameras plus input from other devices such as PCs to put on the screen.

"If a pastor wants to read a passage from the Bible, we can put that up on the screen," Smith said, adding they also use it for song lyrics, a confidence monitor, or even splitting the screen to show text below an image.

Installation took place in less than a week between services for minimal impact. Initial training showed the church staff how to use the system.

Smith said all expectations were met fully with the installation.

(Case Study adapted from a Worship Tech Director article by Andres Caamano.)



The PTZ cameras, two each of the RoboSHOT 30 and RoboSHOT 12, were chosen after seeing the results at another church near Phoenix. David Smith, the church's lead tech, said the minimal latency in the Vaddio cameras using HDBaseT cable was a deciding factor as well.

By pairing the TeleTouch 27 Multiviewer and PCC MatrixMIX with the AV Bridge MatrixMIX, volunteer producers could create a first-rate production without extensive training. Cat-6 cables ensure the ability to move to 4K capability in the future.

Adjustments of color and picture, plus adding camera presets and adjusting camera speed, helped provide the perfect control for customizing the system to the space.

"Cost wise, (Vaddio) is very competitive, and Vaddio is one of the best customer service companies," Halsey said. "We have had engineers test (the AV Bridge MatrixMIX) out and had installed it in a couple of auditoriums and a couple other churches. It is very clear to set up."

Vaddio, founded in 2003, designs, develops and manufactures professional quality PTZ cameras, Pro AV solutions and a full suite of Unified Communication and Collaboration systems for the audiovisual, collaboration and production markets. Vaddio solutions combine enterprise-class performance with system-configured design and are easy to install and easy to use. Backed by industry-leading support, Vaddio products enhance any AV experience by elevating the science of communication with the Art of Easy.



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