



Covenant Family's New Worship Center Integrates RSS V-Mixer and Personal Mixing

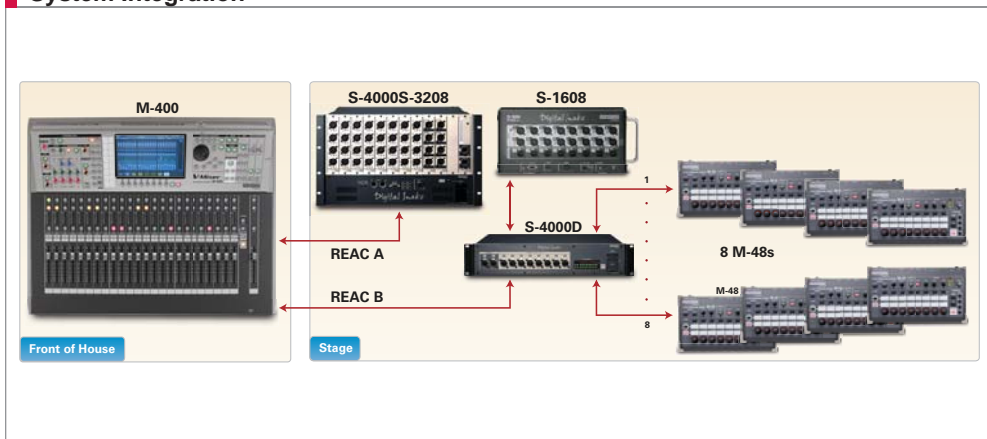
Installed Products

- 1 M-400 V-Mixer
- S-1608 Digital Snake
- S-4000-3208 Digital Snake
- S-4000D REAC Splitter
- (8) M-48 Live Personal Mixers

Introduction

At Covenant Family Worship Center (a multi-cultural, non-denominational church in Fredericksburg, Virginia), technology and media department head Stephen W. Stafford uses the RSS V-Mixing System for regular Sunday services and other events held at its beautiful, newest locale. The church boasts an interior sanctuary area of approximately 49 x 36.5 feet with an 18-foot-high ceiling and a seating capacity of 190.

System Integration



M-400 at the FOH position



8 M-48s control monitor mix for wedges and in-ear-monitors.

The System

The RSS M-400 V-Mixer live mixing console, RSS S-1608 and S-4000 digital snakes comprise the core components of the house system, which also features a JBL (4-speaker) 8" 2-way line array plus a pair of JBL 15" base reflex subwoofers, along with a compliment of QSC power amplifiers. In order to maximize seating capacity the M-400 mixer is located in the 2nd floor mezzanine's control room. House mixing is achieved, explains Stafford, through a "combination of opening the sliding glass windows overlooking the sanctuary, and using a pair of Mackie studio monitors."

An RSS S-4000D REAC splitter (racked, in rear corner of the stage/pulpit area) and eight RSS M-48 live personal mixers (on stage) are installed as part of the monitoring system. According to Stafford, they're "used to control the personal monitor mixes (via a combination of headphones and wedge monitors) of the vocalists, drummer, bass player and keyboardists." Also on hand are three QSC 12" 2-way powered multipurpose loudspeakers, two Community 2-way stage monitors, as well as a QSC power amplifier.

Application

For the current location's Dedication and Grand Opening Celebration, a four-week event held every Friday, Saturday and Sunday (September 18th to October 11th, 2009), the church featured guest musical groups, dance presentations, Pastors and speakers each particular night. As always, the RSS gear was relied upon to aptly deliver.

The M-400 V-Mixer has powerful digital features which allows users to instantly change from event to event with 300 Scenes for total recall of all mixer, effect and routing parameters. Password level access provides only the relevant controls for any particular type of user including volunteers. The remote control PC software allows loading and saving setups as well as real-time control.

Stafford, a 31-year music/audio industry veteran, finds that RSS equipment has "allowed us to utilize volunteers with little or no previous audio engineering experience to effectively control the audio system. Seasoned engineers, like myself, are able to establish a consistent base-line mix from which the volunteers can recall at the press of a button."

Serving as a musician, as well, Stafford is thus "unable to be in two places at one time. The digital paradigm allows me to relinquish control of the console when necessary, without fear of an audio fiasco."

Stafford reflects that the benefits of the personal monitoring system are two-fold. "First," he says, "it relieves the audio volunteers from the additional responsibility and concern for the monitor mix. Second, it allows each musician to tailor their stage mix as needed on an individual basis."

In speaking of RSS products as part of the Covenant Family Worship Center's audio setup, Stafford acknowledges he enjoys the "store and recall of settings, and signal integrity over Cat5. In total," he says, "I've experienced state-of-the-art audio production on an unrivaled affordability scale."