

TECHNOLOGIES FOR WORSHIP

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INSET: DPA D:SIGN 4097
SUPERCARDIOD CHOIR MIC

TECHNOLOGY SPOTLIGHT

Franklin Avenue Baptist Church

Install In-Depth:
Emerald Coast Fellowship

Out of the Box:
COUNTRYMAN'S A3 HALO
GOOSENECK MICROPHONE
DATAVIDEO NVS-33 H.264
ENCODER AND MP4 RECORDER

PLIANT TECHNOLOGIES
CREWCOM® WIRELESS
INTERCOM SYSTEM UPDATE

DPA D:SIGN™ 4097
SUPERCARDIOD CHOIR MIC

MARTIN AUDIO WPS
WAVEFRONT PRECISION
LINE ARRAY SERIES

Reviews:

Altman Lighting AP-150 RGBW LED Par
Mankin Media Gaurdian Gamefilm

LIGHTRONICS

CASE STUDY



Setting the Stage with Efficient Lighting Power Control

e2i Designs Selects LynTec RPC Series Panel for the New Lighting System at Beachcities Church

Beachcities Church in Huntington Beach, California, aka Surf City, USA, has been hailed as one of the top beach towns in the country. The church, located just minutes from the ocean, has a 400-seat auditorium that offers a welcome retreat of music and ministry reflective of the culture. However, after almost two decades in the building, a renovation was in order, including all new theatrical lighting to replace the aging incandescent house and stage fixtures. The new system includes Chroma-Q Inspire™ for color-changing capability, Martin Rush MH 6 Wash CT for key lighting on stage, and a combo of Martin and Elation fixtures to provide additional lighting effects. The church also needed to overhaul their AVL power control infrastructure in order to support the new LED rig.

Although designed to maximize brightness for 50,000 to 100,000 hours, LEDs require true power down at the source to see the cost and longevity benefits. In addition, each LED fixture features sensitive electronics that enable them to

dim, move, or change colors. Those electronics aren't designed to stay energized for extended periods; generating heat that can burn out the entire fixture prematurely if not powered off completely. With that in mind, Beachcities needed a comprehensive power control solution that would allow its two-person tech staff and handful of volunteers to quickly and easily power on and off its new LED fixtures for every service.

"Previously, all the house, stage, and theatrical lighting were powered through dimmer walls racks. One solution would have been simply to swap out the modules, but it would have been obsolete in a matter of years, and still required someone to manually flip the breakers to power everything down," said Josh Holowicki, founder and CEO of e2i Design, system designer on the project.

Holowicki specified LynTec's RPC 329 (Remote Power Controller) a completely self-contained power control solution. Based on the G3 Powerlink™ hardware platform by Square D and engineered to simplify build-outs by accelerating the installation process, the RPC decreases operating costs with simple wiring that allows electricians to quickly and easily complete install and removes additional steps, costs, and space needed to install a separate relay panel.

With a 30-breaker capacity, the church filled 16 with the new lighting gear, leaving plenty of room to support technological growth in the future and enabling on/off power control of any AVL component at a push of a button. It also properly and safely sequences on and off components, making it the ideal system for sensitive audio and video systems.

With the new power system, the church is much more efficient with their programming and able to create more impactful, richer lighting designs. The LynTec panel preserves the life of the LED fixtures and keeps them running properly while protecting the church's investment and enabling simple power control at the touch of button that anyone on staff can manage and operate. ■