



PROJECT SNAPSHOT

Project Name:	Phase 1 Lighting Renovation of The Muny Theatre
Location:	St. Louis, MO
Project Completion:	May 2019
Executive Producer:	Mike Isaacson
Production Manager:	Tracy Utzmyers
Lighting Designer:	Rob Denton
Associate LD:	Shelby Loera
City Theatrical Solution:	SHoW DMX Vero® Wireless DMX Transceivers, QolorFLEX® SHoW DMX Neo® 4x2.5A Dimmers, DMXcat®, Safer Sidearms™, Top Hats, Color Extenders, Egg Crate Louvers

THE MUNY

[The Muny](#) is America's oldest and largest outdoor musical theatre. With 11,000 seats and an expected audience of 400,000, the 2019 summer season at The Muny opened with *Guys and Dolls* after the nine-month Phase 1 Renovation project in which the theatre went to 100% LED lighting.

CHALLENGES

The lighting team for the Phase 1 renovation at The Muny theatre was looking for a wireless DMX and dimming system that was IP65-rated, versatile, and reliable enough to work for a series of Broadway-style musicals that would change weekly and run outdoors during the summer months in St. Louis, Missouri.

With each show spanning only seven performances, the team knew the ideal solution would easily transition from one production to another. They sought to add flexibility to the theatre setup such that all upcoming shows, from classic musicals to modern musicals with many scenes, could achieve the vibrancy, visual interest, and energy modern audiences expect, while upholding the history and beauty of the theatre.

SOLUTION

For wireless DMX control for stage lighting, the lighting team at The Muny mounted SHoW DMX Vero transceivers to the lighting bridge over the stage. These wireless DMX transceivers are IP65-rated and able to withstand outdoor elements while providing DMX data to LED lighting fixtures, including those installed on a turntable, across this vast, steel-clad stage.

“We needed a reliable and powerful wireless DMX system that could hit the whole stage from a new light bridge without interfering with other wireless feeds. I had used City Theatrical’s wireless DMX for years on Broadway and tours, and knew it was reliable. That’s why we now use it to control stage lighting at The Muny.”

- Rob Denton, Lighting Designer





Photo Courtesy of The Muny



Photo by Phillip Hamer

SOLUTION *(Continued)*

The lighting design team selected and installed 10 QolorFLEX SHoW DMX Neo 4x2.5A Dimmers for their precise dimming curve and seamless connection with SHoW DMX Vero and Neo wireless DMX products. These dimmers are now used on every show for wireless practicals in scenic lighting.

The first musical production following the Phase 1 renovation at The Muny was *Guys and Dolls*, which opened five days after power and data were supplied to the theatre. In those five days, the lighting team was able to check and tune color palettes for 700 LED light fixtures by Chauvet, including Ovation ellipsoidals, F4IP video panels, and COLORado wash lights. They used DMXcat Multi Function Test Tool for troubleshooting.

“When we took on this project, we knew we were trying to push the world of outdoor theatre forward. There’s no room for error – we rely on everything to be in working order, and easy to troubleshoot and fix. DMXcat has made this easy.”

- Rob Denton, Lighting Designer



Learn more about SHoW DMX Vero wireless DMX at:
citytheatrical.com/products/show-dmx-vero-wireless-dmx



Learn more about QolorFLEX SHoW DMX Neo 4x2.5A Dimmers at:
citytheatrical.com/products/qolorflex-show-dmx-neo-4x2-5a-dimmer



Learn more about DMXcat at:
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