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## PROJECT SNAPSHOT

Project Name: **Onboard Multiverse® wireless DMX/RDM built into ETC fos/4 Panels and Desire Fresnels at UGA**

Venue: **University of Georgia campus locations, including: Marketing and Communications Studio, and Mahler Hall**

Location: **Athens, Georgia**

Project Completion: **September 2023**

Lighting Package and Fabrication: **[Barbizon Lighting](#), Atlanta Office**

Systems Integrator: **Josh Fisher, Barbizon**

## CITY THEATRICAL SOLUTIONS USED



[Multiverse Transmitter](#) 900MHz/2.4GHz



Onboard Multiverse wireless DMX/RDM technology in ETC [fos/4 Panels](#)



Onboard Multiverse wireless DMX/RDM technology in ETC [Desire Fresnels](#)

## ABOUT THE VENUE

Located on the campus of University of Georgia in Athens, Georgia, the Marketing and Communications Studio is part of the university's Division of Marketing & Communications, which is an adaptive and innovative organization committed to advancing the goals and priorities of the university. Mahler Hall is a multi-functional meeting and event space with 5,336 square feet, and capable of seating up to 600 people. This hall is one of the largest meeting venues in the city.

## PROJECT BACKGROUND

The [University of Georgia \(UGA\)](#) requested an upgrade for the Marketing and Communications Studio lighting rig to include ETC lighting fixtures that produce deep red toned lighting and onboard Multiverse wireless DMX/RDM technology.

The team from UGA worked with Josh Fisher, Systems Integrator for Barbizon's Atlanta office, and in turn specified ETC Desire Fresnels and fos/4 Panels for their deep red tone, as well as the Multiverse wireless DMX/RDM technology offered as an onboard feature.

Wireless DMX was integral to the project for its ease of use for future broadcasts for student productions.



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## SOLUTION

City Theatrical's Multiverse Transmitter is being used to transmit wireless DMX/RDM to the onboard Multiverse receiver technology inside a full complement of fos/4 Panels, Desire Fresnels and ColorSource CYC fixtures in the studio's new lighting rig to fulfill the lighting needs of the department. The Multiverse Transmitter can send DMX data wirelessly over distances of 300 feet indoors, easily reaching every area of the studio. The team will also use its multi-universe capacity to send DMX data to up to 10 universes, among the various fixtures, simultaneously.

Upon a successful wireless DMX installation in the Marketing and Communications Studio, the team at UGA and Barbizon expanded the project to include lighting upgrades to Mahler Hall, a multi-function auditorium and meeting space on the same campus. The lighting upgrades were based on the UGA team's goal of trading in their incandescent system to LED with a new console. The built-in Multiverse wireless DMX capability of the ETC fixtures offered huge savings in time and data cable costs.

The new system at Mahler Hall uses 18 ColorSource Spot V fixtures and 5 ColorSource Fresnel V fixtures – and no new DMX cabling runs. The retrofit was effective in placing new, high-impact fixtures in hard-to-reach places giving better light and more control to the largest event space in the Georgia Center. The upgrade was designed, built, and installed by the locally based Atlanta office of Barbizon Lighting.

**“The color sold the job, but the integrated Multiverse wireless DMX technology and connectivity is where the beauty of this lighting system lies. The only cable is from the console to a City Theatrical Multiverse Transmitter. After that, it's all wireless DMX.”**

*- Josh Fisher, Systems Integrator, Barbizon Lighting, Atlanta office*