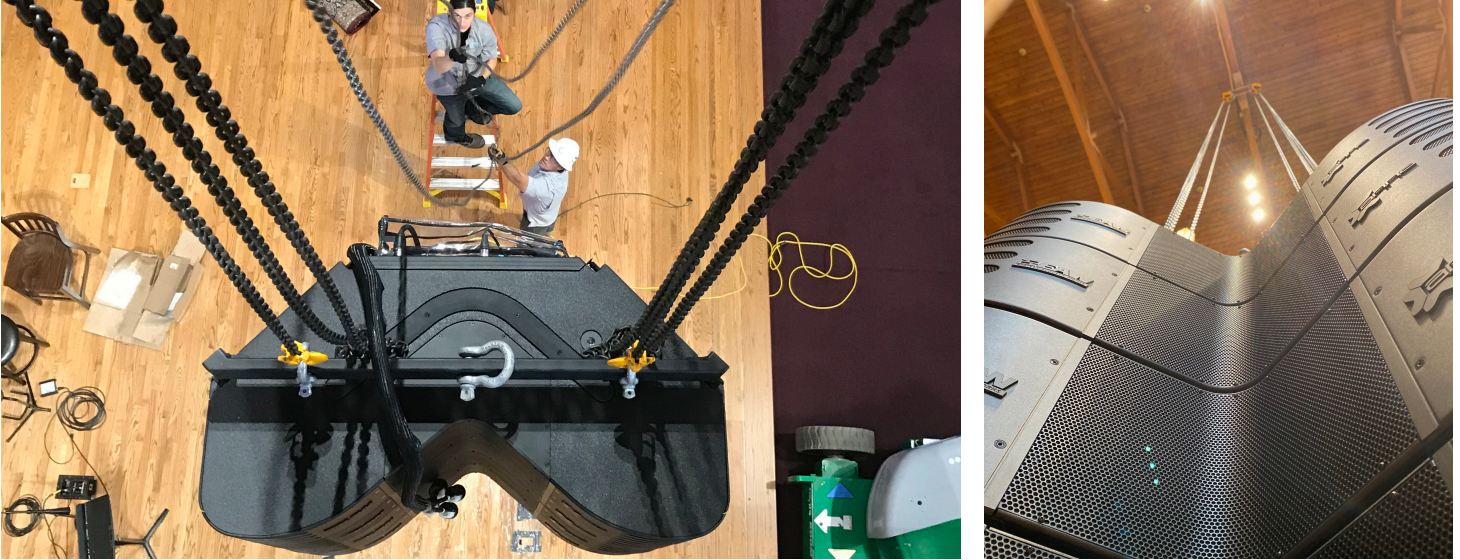


EAW CASE STUDIES

Southwood Presbyterian Church

ADAPTive[™]
systems





Southwood Presbyterian Church's sanctuary was designed for spoken word, choir performance, and a pipe organ with natural reverberation in mind.

Challenges

The first challenge faced was the large stained glass window high above center stage. To avoid blocking the window, the live audio system needed to have a high trim height. It was also crucial that the acoustic energy be kept away from the vaulted wood ceiling. Anna solved both sight line and acoustic concerns. **With Anna's ability to adjust the vertical coverage, cabinets could be hung high enough to avoid blocking the stain glass window while still covering every seat.**

The second challenge was the weight restrictions of the wooden beams in the sanctuary. Verta worked closely with Fuqua, an engineering firm specializing in wooden beam design, and the beams' manufacturer to engineer an accurate loading capacity. Nevertheless, the Anna cabinets, **which require fewer boxes than a traditional line-array**, made the overall hang lighter and easier to manage.

Solution

Verta Technologies and EAW worked together to create a solution that solved the church's challenges while also meeting all submitted requests. The results exceeded client expectations, and everyone involved agree that ADAPTive was the right choice for the system upgrade.



PROJECT SUMMARY

The EAW ADAPTive system was specifically chosen for the ability to keep sound energy off the vaulted ceilings while maintaining a high trim height. By adjusting the vertical coverage, the ANNA array was able to hang high enough to avoid blocking the stain glass window.

SOUTHWOOD PRESBYTERIAN EQUIPMENT LIST

- 4x [Anna 3-way Full-Range Array Module](#)
- 2x [MKD1064 Out fills](#)
- 2x [SB825 Subwoofers](#)



Christian Tuttle - Principle CEO



ABOUT VERTA TECHNOLOGIES

Verta Technologies is a Commercial A/V integrator in Huntsville, AL. We specialize in Audio Visual hardware, software, installation and support services.

Our versatile team of industry certified professionals allows our customers to innovate with confidence. Since its formulation in 2017, Verta Technologies has created a lifeline of relationships that are built on communication, organization, quality control and superior results. Verta Technologies is the preferred A/V liaison for many government contractors, banks, churches, hospitality establishments, and higher-education institutions.

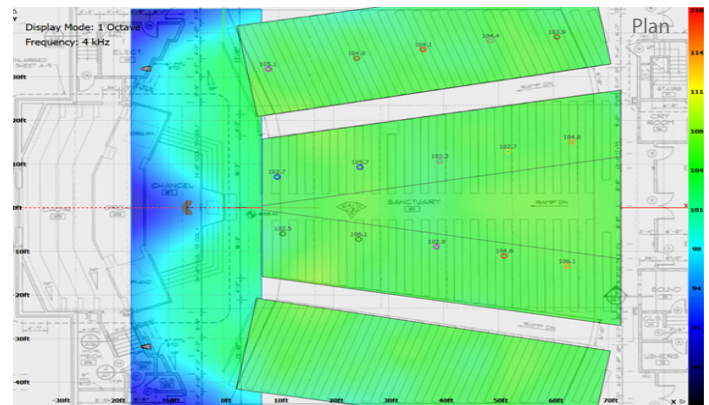
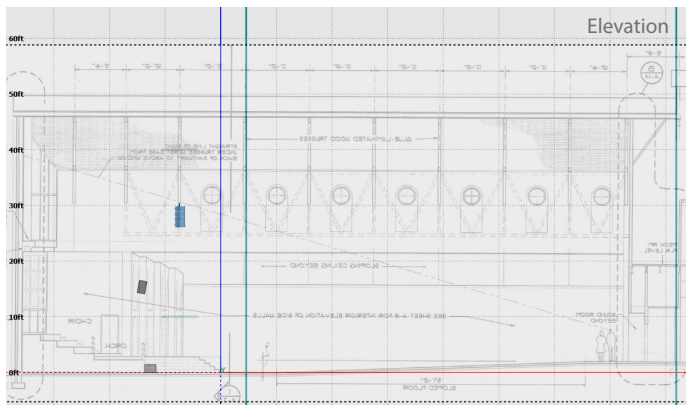
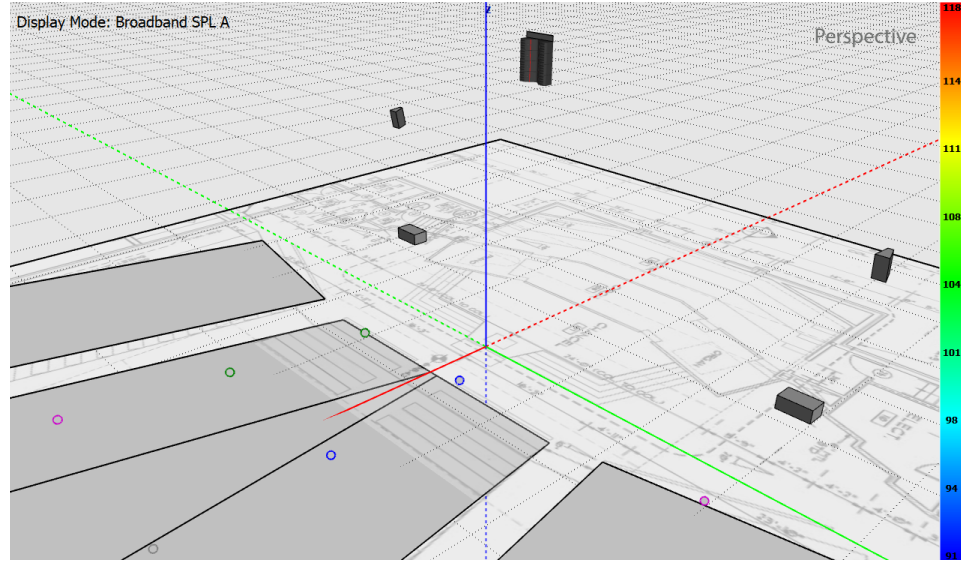
Verta Technologies has two office locations – Full operations and Warehouse in downtown Decatur, AL, and a Product Showroom in Huntsville, AL.



Resolution models of Anna/MKD1064/SB825 in Southwood Presbyterian

Anna is a complete, self-contained, high-power sound reinforcement system that adapts all performance parameters electronically, allowing it to be used in virtually any application. Extremely powerful and immensely scalable, Anna is suitable for anything from small venues to the largest stadiums

SB825 The SB800 Series is designed around a low turbulence port based in fluid dynamic research married with groundbreaking transducer design. Innovative ultra-linear suspension behavior and symmetric flux density provide exceptional impulse response and output.



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