

CASE STUDY

DECKTUNES

Stahlin Non-Metallic Enclosures and Outdoor Audio make beautiful music together while protecting the DeckTunes outdoor audio system in all types of weather.



THE SITUATION

Although there are hundreds of outdoor rated speakers on the market, they typically rely on an audio source that's located indoors. This requires complicated installation procedures such as drilling holes in buildings, running wires from speakers through exterior insulation-filled walls, and struggling to get wiring through multiple walls to finally reach the audio source.

In most cases, even once this daunting task is complete, the user will still have no control over the source unit while physically in the outdoor location.



THE CHALLENGE

The team at Outdoor Audio needed to find the proper enclosure to protect the electrical components of DeckTunes from environmental damage and accidental user contact. At the same time, because it would support a consumer product, the enclosure had to have an appealing appearance.

For ease of installation and long-term mounting stability, it needed to be lightweight and easily modifiable.

THE SOLUTION

The Classic Series from Stahlin Non-Metallic Enclosures ultimately satisfied the many performance criteria of Outdoor Audio. The product family was an excellent choice since it was designed for high-end electronics manufacturers who demand both rugged durability and modern styling, along with pleasing aesthetics and smooth, rounded edges.

This series features a unique design, including a hidden hinge and a flush-fitting cover, making it ideal for applications such as control stations and operator interface units. Shane Mott, President and CEO of Outdoor Audio commented,

"Field testing demonstrated that fiberglass enclosures provide proven durability within the demanding environments in which we place our controls."

Specifically, the Stahlin Classic enclosures are lightweight and easy for Outdoor Audio's customers to install, as well as waterproof and UL listed. The sleek design also allows the DeckTunes system to seamlessly blend into environments like decks, patios, boat docks, or courtyards.

Thanks to their fiberglass construction, these enclosures are easily modifiable, allowing elements such as antennas, the audio faceplate, a 12-volt connection, and a media drawer to be easily integrated.



Tough, durable, and aesthetically pleasing, enclosures within the Classic Series by Stahlin enhance the appearance of any installation while providing maximum service life and a wide range of cover securement methods to fit individual needs.