ABOUT THE SYSTEM
Light, Elegant and Cost Friendly
The Crescendo™ Acoustical Shell is a cost-efficient, simplified acoustic solution with a welded aluminum frame. It offers a balance between economical and acoustical performance, and theaters will appreciate a mid-tier acoustical option that is both durable and aesthetically appealing.

Each tower is comprised of movable panel wings that lock into place, allowing for configurations that can accommodate groups of varying sizes. This mid-tier acoustical shell will provide a vibrant sound throughout theaters and auditoriums.

TRANSPORT & STORAGE
Staging Concepts designed its Crescendo Acoustical Shell with balance and practicality in mind. Users can easily move and reconfigure the shell with the system’s wheeled mover. The mover is constructed with three tri-casters, allowing for easy positioning of the towers. Users lightly move a bar up and down to transition the towers from a raised position to a sturdy locked position, making transporting and storing towers practical and safe. Towers can be designed to accommodate many different storage options.

TOWER
- The Crescendo’s towers are constructed with a lightweight aluminum alloy frame to minimize point loading on the stage floor. Standard tower frame heights range from 16 (4.9 m) to 32 feet (9.7 m). Included counterweights offer significant stability.
- Tower wings utilize maintenance free oil-impregnated bronze bearings for pivoting, allowing for smooth rotation.
- Entrance doors can be designed into the system to provide access for performers and equipment. *(Door location and quantity can be defined by the customer.)*
- Standard tower panel is curved to an 8’ radius.
- Standard ceiling panel has a 10’ radius curve.

PANEL CONSTRUCTION
The standard acoustical panel construction consists of a laminated composite honeycomb panel:
- 1/8 inch (3.175 mm) tempered hardboard top and bottom skins laminated to 1.5 inch (38 mm) thick phenolic impregnated honeycomb core.
- Integral extruded aluminum edging.
- Base panel weight is approximately 1.8 pounds per square foot (8.8 kg/m²). Panel thickness can be customized to accommodate the acoustical requirements of any space.
- Panel finish options include painted, high pressure laminate (HPL), low pressure laminate (LPL), and wood veneer. *(All panel finishes are as specified by customer.)*
ABOUT STAGING CONCEPTS’ ACOUSTICAL SHELLS

Staging Concepts’ Acoustical Shell Systems are designed to perform to the highest standards in quality, durability, and visual appeal. Towers, ceiling panels, and integrated lighting work together to create an attractive background for performers to be seen by the audience, as well as providing a better space for musicians to communicate onstage. We want to work with you to create an unforgettable look and feel for your unique venue. If you don’t see what you’re looking for in the listed options, contact a Staging Concepts sales representative and we’ll work with you to make your vision come to life.

CEILING PANELS

Ceiling panels for the Crescendo are available, which can be specially made with various lighting and design options. The ceiling panels’ flexible design lends itself to easy integration with a wide variety of rigging systems. Panels can be easily tilted and stored in the fly space or on carts.

LIGHTING OPTIONS

- ETC Source Four PAR EA and MCM
- ETC Desire LED Series
- ETC Colorsource PAR Fixtures

*Additional lighting options available upon request.

CRESCENDO STORAGE

Maximum Width
7’-9 1/2”
(238 cm)

1’-1 1/2”
(34 cm)
Each additional
nested tower

4’-2 1/2”
(128 cm)
First tower in
storage

CEILING SCHEMATICS

Shell Ceiling Play Position

Shell Ceiling Storage Position