

STAGING CONCEPTS
**ACOUSTICAL
SHELLS**



BRAVADO® ACOUSTICAL SYSTEM

ABOUT THE SYSTEM

Highly Customizable Solution For Large Scale Theater Spaces

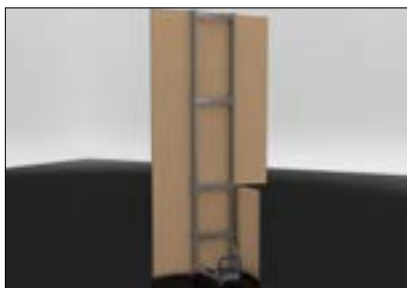
The unrivaled Bravado® Acoustical Shell System features elegant mobile towers and ceiling panels that collaborate to form a resounding performance space. Designed for grand spaces that require a full-stage acoustical shell system, the Bravado offers an extremely customizable design that can be perfectly crafted to meet both the visual and acoustical needs of your venue. Each tower in the system is comprised of movable panel wings that lock into place, allowing for configurations that can accommodate groups of varying sizes. Its all-aluminum, lightweight construction combined with an easy-to-use wheeled mover makes transporting and storing towers a simple and efficient process. Let the vibrant sounds resonate in your venue with a high-end acoustical shell system that enhances each performance.



TRANSPORT & STORAGE

Staging Concepts designed its Bravado Acoustical Shell with supreme elegance in mind. Easily move and reconfigure your shell using the system's wheeled mover. The mover is constructed with tri-casters, allowing for easy positioning of 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 Bravado's towers are constructed with a lightweight aluminum alloy frame to minimize point loading on the stage floor. Standard tower frame heights go up to 32 feet (9.7 m). Included counterweights offer significant stability.
- Tower wings utilize Delrin® 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 panel radius curves include 5 feet (1.5 m), 10 feet (3 m), and 20 feet (6.1 m).

PANEL CONSTRUCTION

The standard acoustical panel construction consists of a laminated composite honeycomb panel:

- 3/16 inch (5 mm) MDF 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 2.7 pounds per square foot (13.2 kg/m²). Panel thickness can be customized to accommodate the acoustical requirements of any space.
- Panel finish options include painted, high pressure laminate (HPL), and wood veneer. (*All panel finishes are as specified by customer.*)



**Custom panel construction, radius curves, and finishes available upon request.*

SHELL SYSTEM CUSTOMIZATION



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 visually 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 both the Bravado and Aria 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.

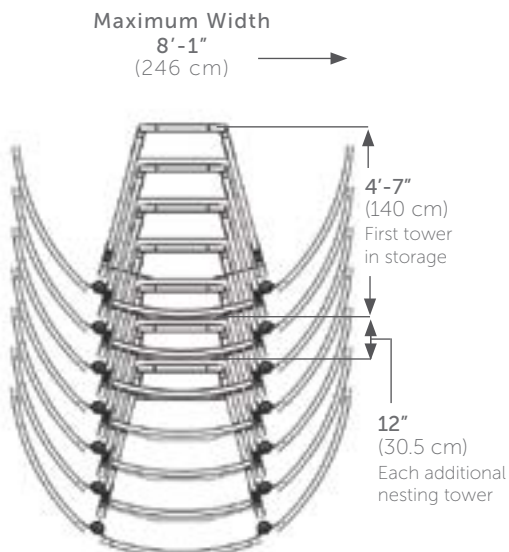
LIGHTING OPTIONS

- ETC Source Four PAR EA and MCM
- ETC Desire LED Series
- The Light Source RD Series LED Fixtures

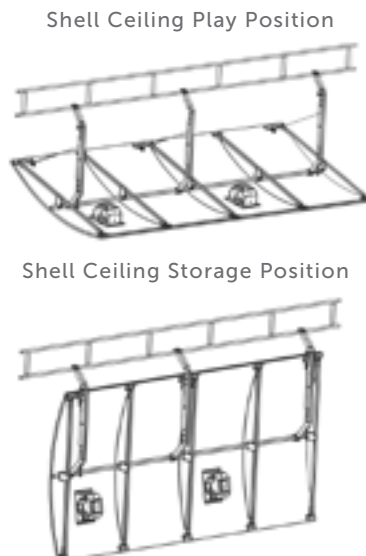
**Additional lighting options available upon request.*



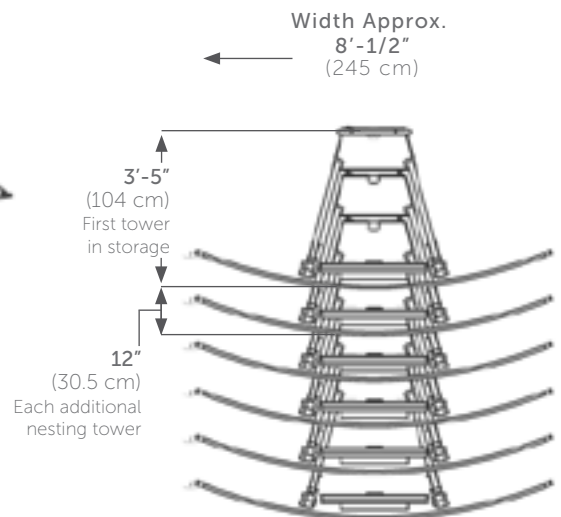
BRAVADO STORAGE



CEILING SCHEMATICS



ARIA STORAGE



ARIA™ ACOUSTICAL SYSTEM

ABOUT THE SYSTEM

Cost-Efficient and Simple Solution for Smaller Scale Venues

Staging Concepts' Aria™ Acoustical Shell is the perfect solution for performing arts venues that need a portable and affordable acoustical system to match the beauty of their space. The Aria provides portable and simply configured towers designed for ease-of-use. Aria's towers are constructed with aluminum and feature minimal joints and fasteners, making it lightweight and easy to transport or configure. Boasting a simple design, the Aria offers great value and premier acoustical reflection, promising to enhance the sound quality and visual appeal of any space.



TOWER

The Aria's towers and ceilings are constructed with a lightweight aluminum alloy frame and resonant acoustical panels, which all fit together to create an acoustically sound enclosure for any space.

- Standard towers are 8 feet wide, and are offered in 16 foot (4.9 m), 17 foot (5.2 m), 18 foot (5.5 m), 19 foot (5.8 m), and 20 foot (6.1 m) heights. Included counterweights offer significant stability. *(Custom tower heights are available upon request.)*



TRANSPORT & STORAGE

The Aria is designed for easy setup and takedown to accommodate spaces that demand flexibility. The system comes standard with casters that lock into place to ensure safe, sturdy transport and movement. The intuitive design allows operators to readily reconfigure or move the shell within minutes by inserting a T-handle into the base of each tower.



PANEL CONSTRUCTION

- The standard acoustical panel construction consists of a laminated composite honeycomb panel:
 - 3/16 inch (5 mm) MDF top and bottom skins laminated to 1 inch (25 mm) phenolic impregnated honeycomb core
 - Integral extruded aluminum edging
- Panels are offered in a standard 10 foot (3 m) radius.
- Base panel weight is approximately 2.2 pounds per square foot (12.2 kg/m²).
- Panel finish options include painted and high pressure laminate (HPL). *(Custom panel construction and finish available upon request.)*
- Entrance doors can be integrated into the system to provide access for performers and equipment. *(Door location and quantity can be defined by the customer.)*

ENDLESS CUSTOMIZATION: FINISHES



Bannister Oak 7806



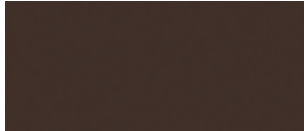
Beigewood 7850



Burnished Chestnut 4796



Cafe Creme D456



Coffee Bean D495



Fonthill Pear 10745



Fusion Maple 7909



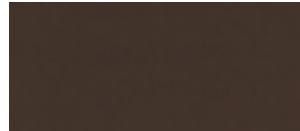
Kensington Maple 10776



Limber Maple 10734



Manitoba Maple 7911



Morro Zephyr 4846



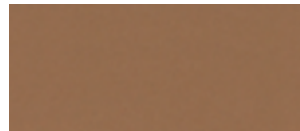
Natural Pear 7061



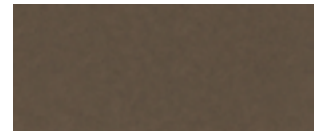
Wild Cherry 7054



Solar Oak 7816



Spiced Zephyr 4859



Western Storm 4872

Staging Concepts' Acoustical Shells can be customized with almost any paint or high pressure laminate (HPL) finish to match the aesthetics of any space. Wood veneer is also available for the Bravado Acoustical Shell. Above are the standard offerings for Wilson Art Laminated Finishes. To view more options, visit www.wilsonart.com/laminate/standard. For custom finish options, please contact a Staging Concepts representative by calling 763.533.2094.

EXPERIENCE THE DIFFERENCE

“The acoustical shell enhances on-stage communication between musicians, increases the projection of quality sound into the hall, and allows for unique flexibility through our ability to reconfigure the space to accommodate ensembles of varying sizes.”

- Nancy Wrenn, East Texas Symphony Orchestra

CONTACT US

For more information on Staging Concepts' products and custom solutions, or to contact one of our sales representatives, call 763.533.2094, or visit us at: www.stagingconcepts.com.



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