

BOSE

PROFESSIONAL

SHOWMATCH SYSTEMS

RENTAL AND STAGING CONFIGURATIONS



BOSE

PROFESSIONAL

ShowMatch

DeltaQ Array Loudspeakers



From small ground-stacked setups in modest venues to outdoor music festivals and arena-scale events, **ShowMatch DeltaQ systems** can be found all around the world in a variety of sound reinforcement applications.



ShowMatch loudspeakers deliver outstanding vocal clarity with consistent frequency response and sound pressure level across a defined coverage area. And with integrated DeltaQ technology you can ensure consistent performance across the entire audience area at any venue.

Adaptable and scalable, ShowMatch loudspeakers are the ideal solution for rental and staging market applications. When an event calls for lower SPL capabilities in a more compact format, simply build a smaller ShowMatch array with the same vertical coverage as larger, higher-powered ShowMatch setups.

Optimized for use in the demanding rental and staging environment, ShowMatch system solutions allow you to easily transport, set up, configure and use ShowMatch loudspeakers in the fast-paced environment of the entertainment production industry. ShowMatch systems enable rental sound and A/V production service providers to give their clients a brand they know and trust, while delivering outstanding audio quality for a wide range of field applications.





ShowMatch Transportation Accessories ease transportation and protect your gear while in transit.

Transport Carts are designed to be easily broken down and stacked for storage. Each cart is constructed of aluminum to reduce weight while the top and bottom plates are constructed of 5/8-inch, 15mm, Baltic Birch Plywood. A high-density polyurethane seat captures the bottom module and prevents damage to the loudspeaker enclosure. Each cart includes four locking casters and are

designed to be easily brown down and stacked for storage.

Transport Cases carry and protect ShowMatch modules, frames and pullbacks while in transit and are constructed of 1/2-inch (12mm) Baltic Birch plywood with a protective PVC laminate and includes snap-back handles to assist with cover removal and transportation and includes four non-locking casters. The top covers includes a recessed nameplate to accommodate a 7x5-inch tour label.



Power, processing, and control

Bose Professional offers a complete integrated suite of software design tools, digital signal processing, and tour-ready amplifier racks to support ShowMatch loudspeakers.

The **ShowMatch Tour Rack** is a fundamental building block for ShowMatch systems. Designed to power ShowMatch systems, each ShowMatch Tour Rack includes 12 channels of advanced loudspeaker signal processing and amplification in a single 10RU configuration.

Available in 120- and 230-volt versions, the tour rack also includes an AC Mains Power Distribution Unit, a Signal Distribution Unit, and a Loudspeaker Distribution Unit.

This modular approach to system power allows you to easily link the audio and control of multiple units to create larger system configurations.

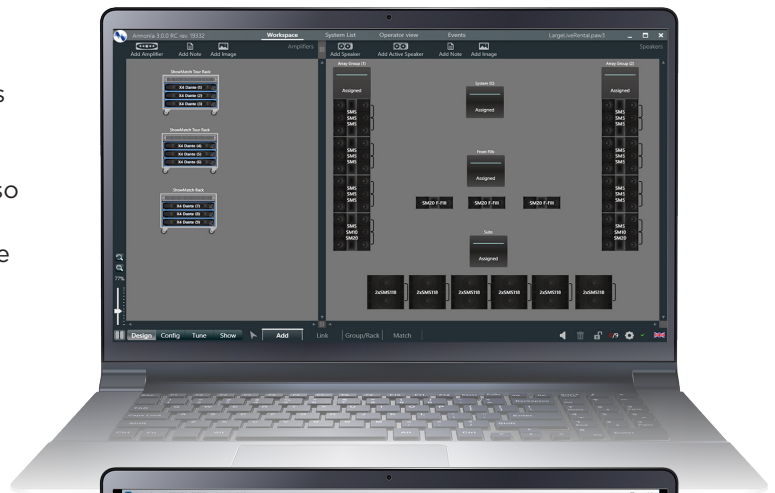


US rack

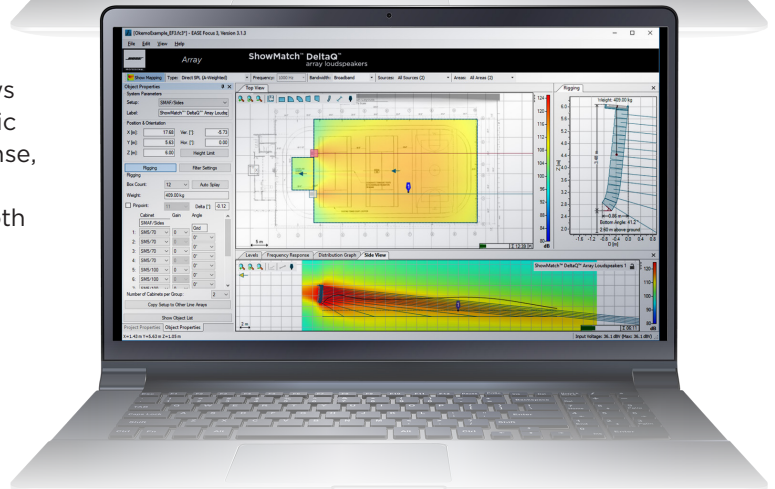


European rack

Powersoft Armonia Plus Audio Suite™ software provides setup, remote control and monitoring of X4 amps. Preset files are available with EQ, crossover, and limiter settings for all ShowMatch modules. Complete system files are also available for typical array configurations. All loudspeaker settings can be locked, with additional EQ layers available for FOH engineer tonal balance adjustment.



AFMG® EASE® Focus Acoustic Simulation software allows 3D modeling of audience areas with prediction of acoustic direct-field coverage, sound levels, and frequency response, plus rigging pitch angles with auto-splay calculation. The Bose ShowMatch GLL files are licensed to allow use in both Focus and “full” EASE software.



ShowMatch versatility and scalability

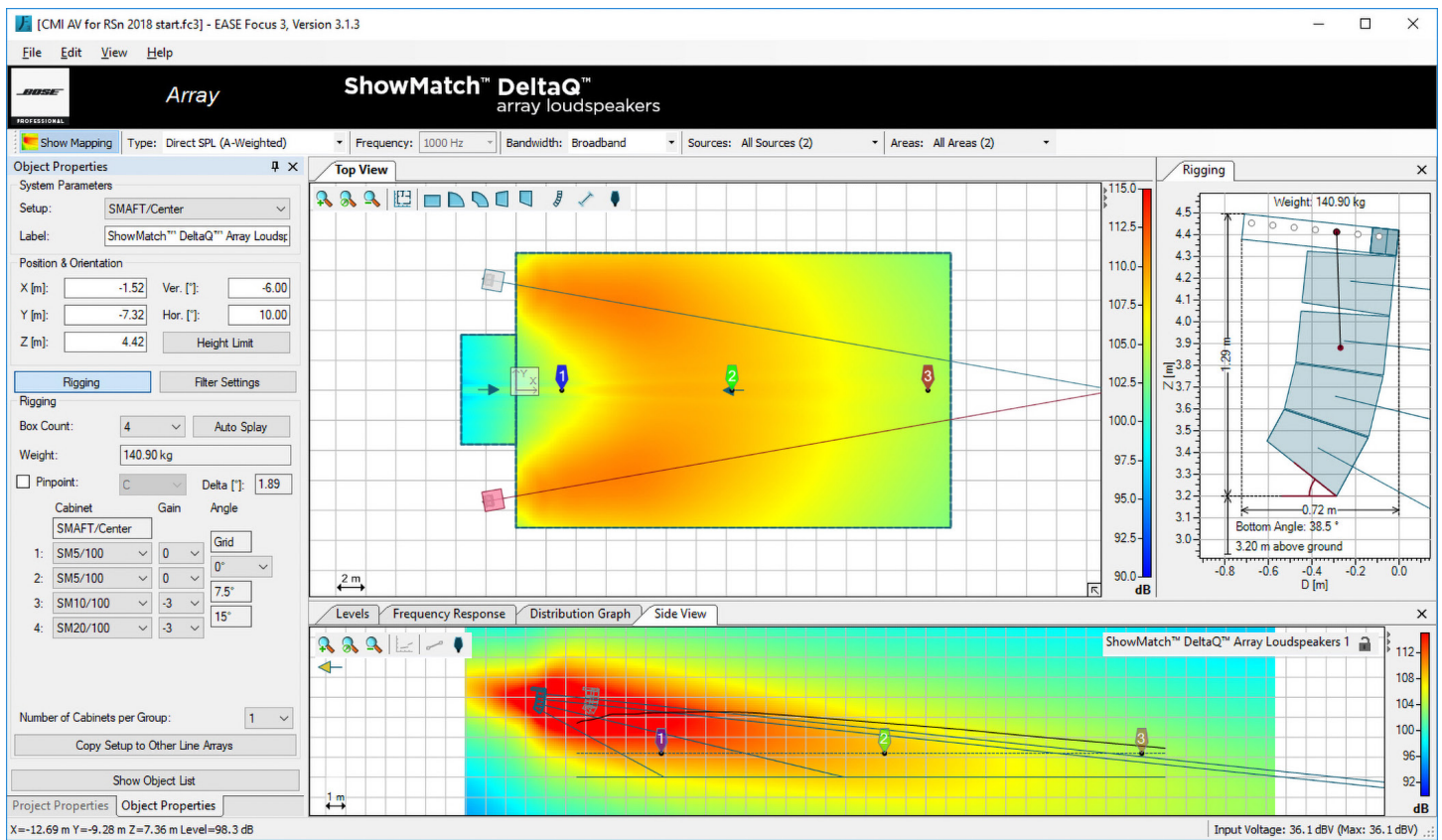
ShowMatch systems feature next-generation array technology to deliver the scalability and flexibility needed to support live music reproduction in a variety of venue shapes and sizes. The following three examples show how

ShowMatch system areas solutions offer consistency of coverage and response across small, medium, and large areas.

Corporate AV Example

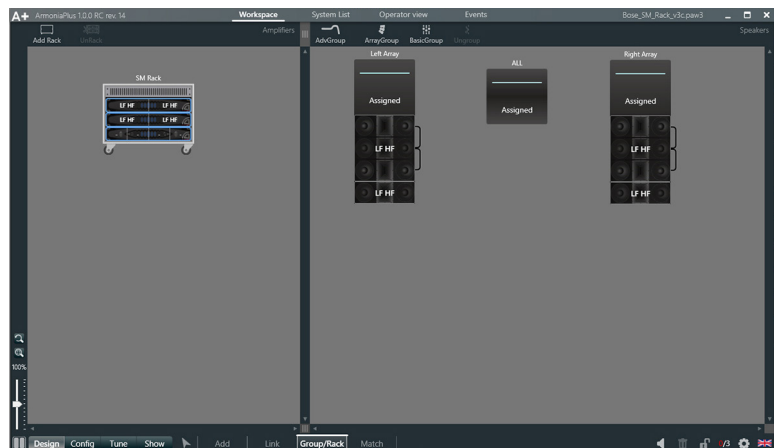
A corporate presentation within a hotel ballroom is the environment for this example. Arrays are flown at 14.5 feet, (4.4 m) using the provided rigging points to the left and right of the presentation area to provide coverage for the

seated audience. In this example, each array consists of two SM5, one SM10 and one SM20 module and subs are not used as the system is primarily for voice reinforcement.



Main Arrays (x2)
 2x SM5 Module
 1x SM10 Module
 1x SM20 Module

Amplification
 1x ShowMatch Tour Rack

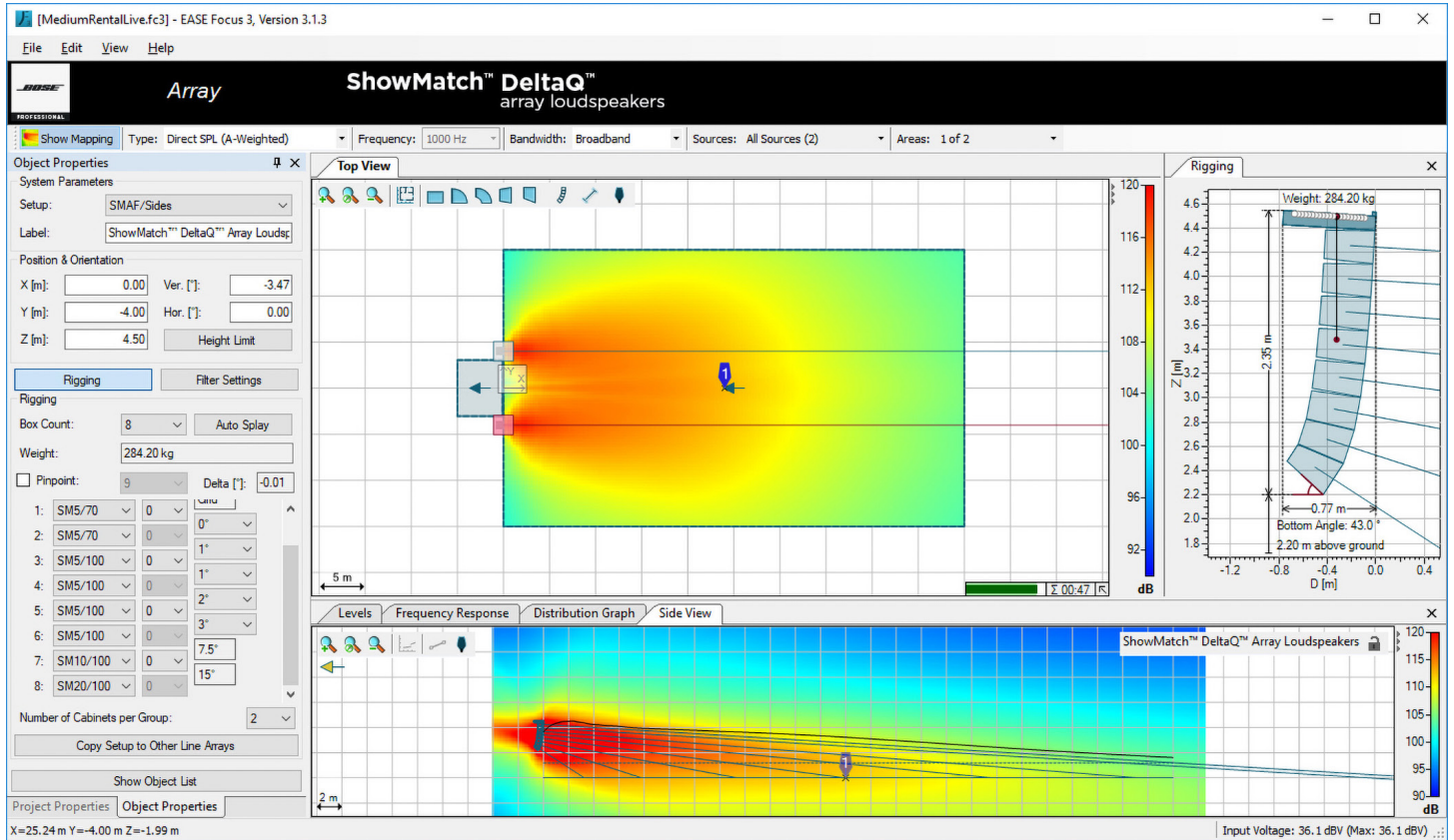


Outdoor Live Music Example

In this example, a StageLine SL75 is used as the main stage for the production and two eight-module arrays are flown, one to the left of the stage, one to the right. Ten ShowMatch SMS118 subwoofers are arrayed in the front of

the stage.

The expected SPL at the front-of-house position is 112 dBa with program material.



Main Arrays (x2)

- 6x SM5 Module
- 1x SM10 Module
- 1x SM20 Module

Subwoofer

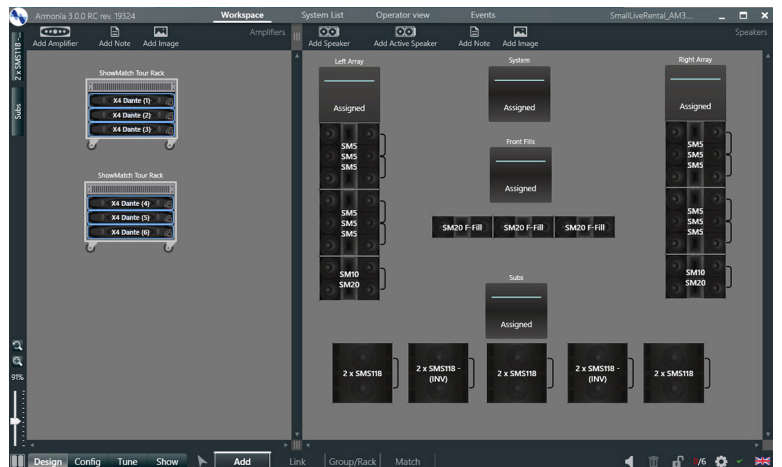
10x SMS118

Amplification

3x ShowMatch Tour Rack

Front Fill

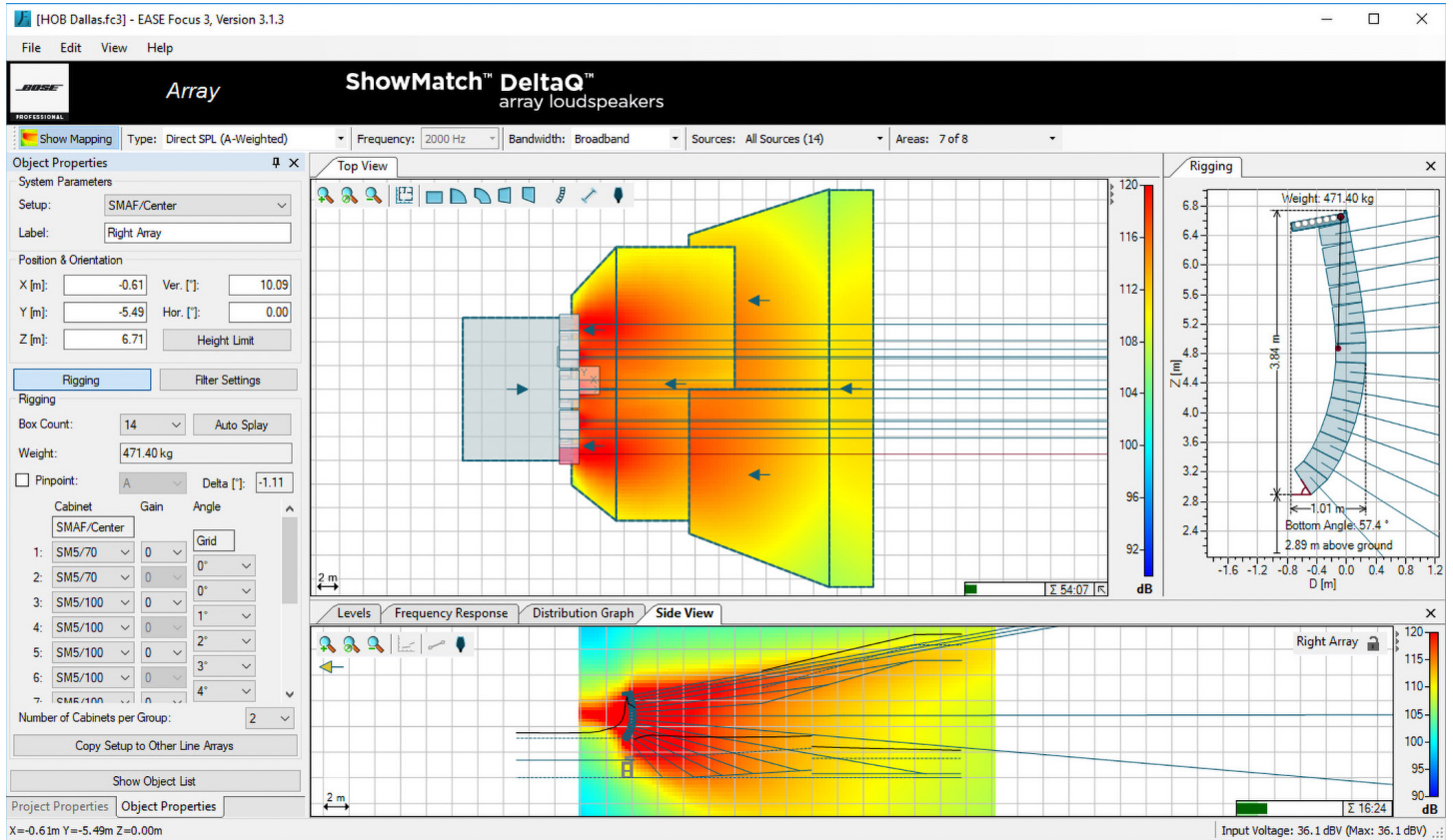
3x SM20 Module



Indoor Live Music Example

A 2,500-person-capacity live music venue with a general admission main floor and seated balcony area hosts live music, comedy and special events throughout the year. In this example, the main arrays each use 14 ShowMatch

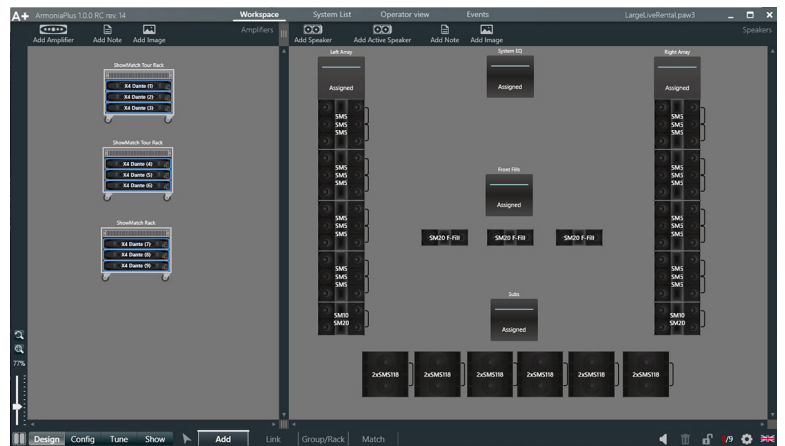
modules and a total of 18 SMS118 subs are placed directly below the stage lip. The system is capable of providing levels of 118 dBA at the front-of-house position.



Main Arrays (x2)
 12x SM5 Module
 1x SM10 Module
 1x SM20 Module

Subwoofer
 18x SMS118

Amplification
 3x ShowMatch Tour Rack



For more information, and to experience a demo to see how a ShowMatch System can be a sound investment for your rental business, visit pro.bose.com/showmatchsolutions



© 2019 Bose Corporation. All rights reserved.
The Mountain, Framingham, MA 01701-9168 USA
PRO.BOSE.COM

All trademarks are the property of their respective owners.
01/2019

