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CASE STUDY - RENTAL/TOURING | CAVA DEL SOLE



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CONCERTS INCLUDE 50TH ANNIVERSARY APOLLO SOUNDTRACK CONCERT BROUGHT TO LIFE THROUGH BOSE PROFESSIONAL SHOWMATCH SYSTEM

Cava del Sole is a popular venue for musical theatre and corporate events alike, located on the outskirts of beautiful Matera, Italy. As the European Capital of Culture, Matera is one of two cities awarded the Melina Mercouri Prize in 2019 in recognition for its ability to create a strong community through culture and the arts.

Located inside a tuff quarry, Cava del Sole is surrounded by the same materials used for the construction of buildings throughout the centuries, which creates a perfect artistic environment that honors the past while embracing the future. The Cava del Sole Arena is an evocative space of approximately 5,000 square meters that can accommodate up to 7,000 standing attendees or up to 4,000 seated attendees, plus a VIP area for up to 70.

SOUND FOR 2,500 STRONG

For the celebration of the 50th anniversary of man's exploration of space, the Apollo Soundtrack concert led 2,500 spectators on a spatial and introspective journey through the music of Brian Eno, Roger Eno, and Daniel Lanois. The musical experience was accompanied by images of the 1969 moon landing projected along the towering walls of the quarry. The music was performed by the British band Icebreaker with B.J. Cole and Roger Eno, and included a guest appearance by the extraordinary Icelandic cellist, Gyda Valtysdottir.

The full Cava del Sole summer concert experience was brought to attendees across a variety of performances through the talents of front of house (FOH) engineers like Martyn Hall, Marco "Cipo" Calliari, and Taketo Gohara.

Hall, whose career includes working with iconic talents like Paul Young and T'Pau



lap-steel guitarist B.J. Cole—and they were all very happy with the sound; and supporting artist Gyda Valtysdottir, who had more time to listen said she really enjoyed the sound quality.”

Calliari adds to the value that ShowMatch delivered to Subsonica’s performance at Cava del Sole by sharing, “Although I was wavering between curiosity and reticence for a system I’d never tried before, ShowMatch amazed me. Despite its compact size, it has good punch on low frequencies, excellent sound pressure and clear definition. Its performance goes beyond what it was designed and built for; because it was used in a situation that demanded much more than originally expected.” He goes on to say, “Throughout the evening I had no difficulty managing my mix for the band. And this is only achieved with a good sound system and a PA manager who understands what the FOH engineer needs. If the system is the same next year, I will be happy.” Supporting the concert and providing the sound system used by the FOH engineers was DeeJay Service. Founded in 1986 and located in Italy, DeeJay Service provides expertise throughout Italy and internationally for a variety of events—from concerts and tours to theater performances and more—and has a reputation for understanding how to deliver an exceptional experience.

along with emerging artists like Black Orchid Empire and The Bottom Line, managed the FOH sound system for the Apollo Soundtrack concert. Calliari has spent the last 25 years with the band Subsonica where he refined his knowledge across a variety of public address (PA) systems and mixers to deliver the band’s signature sound. Gohara is a FOH producer/sound designer who has collaborated with numerous Italian artists and composers such as Vinicio Capossela, Elisa, Verdena and Afterhours, he has also mixed “Primo Amore” by Matteo Garrone and Gomorrah the TV series.

“I’m looking for a warm, round, crystal-clear sound with plenty of punch defined at the low end. This is exactly what ShowMatch provided,” stated Hall. He goes on to explain how the Bose system made his job easier, “I didn’t really need any system EQ at all—the coverage was super and really impressive. During the soundcheck, I walked up and down the open area and the sound was consistent throughout without any dead spots.”

The reliable delivery of quality sound was experienced beyond his FOH requirements. When asked what the artists thought, he shared, “Backstage I spoke with artists—like

THE BOSE PROFESSIONAL SOLUTION SHOWMATCH™ DELTAQ™ SYSTEM DELIVERS

DeeJay Service tapped the capabilities of the Bose Professional ShowMatch DeltaQ system to deliver the quality audio the Apollo Soundtrack Concert and the other live gigs demanded. The PA system selected by Fedele de Marco, PA manager, included two clusters composed of 10 ShowMatch DeltaQ SM5 full-range array loudspeakers (three positioned at 70 degrees and seven positioned at 100 degrees), and an SM10 and SM20 loud speaker (both positioned at 100 degrees). These were combined with the ShowMatch SMS118 subwoofer, while out fill



and front fill was provided by an array of ShowMatch SM5, SM10 and SM20 loudspeaker modules. The entire system was driven by four Powersoft X8 amplifiers.

“Since the Cava del Sole Arena is surrounded by high lateral walls, it made it necessary to control unwanted echoes,” shared de Marco. “Using three ShowMatch SM5 modules (positioned at 70 degrees) for the left and right clusters provided a good margin of control while ensuring a precise directivity factor and speech intelligibility even for the most distant listeners.” De Marco continues, stating that “The most critical factor within the space was the floor slope, that reaches up to eight percent at the seats in back. But the ease of use of FOCUS 3 and the proprietary Bose Modeler software greatly improved the accuracy of the positioning and array orientation.”

Gohara, who mixed the live for Vinicio Capossela rounds out the FOH engineers’ experience stating that, “ShowMatch has the qualities needed for an excellent PA system: it delivers a detailed sound and consistent diffusion throughout the space. The system provides full frequency sound and great power despite its small size. It was my first time using this PA and was a good experience, I easily reached the result I was looking for.”

Francesco Spadaccino, technical manager for DeeJay Service shared that when the Cava del Sole production management asked them to manage the technical needs of the venues, “We proposed the Bose ShowMatch system for the best coverage in such a large, complex listening area.” When considering the space and the experience Cava del Sole was working to deliver, he shared, “The results have always been extremely satisfying with Bose. And the feedback from the artists, FOH professionals, and attendees was very positive.”

The Cava del Sole summer concert events welcomed a variety of performances and music which delighted the public while proving ShowMatch’s true capabilities—from Subsonica’s electronic rock to the traditional and oneiric music by Vinicio Capossela, from Stefano Bollani and Hamilton De Holanda’s piano and mandolin pieces to the environmental atmospheres of the Apollo Soundtrack itself.

The result was the joining of art and technology for an event where attendees, artists, and engineers experienced firsthand how music and sound can move us. Through the use of the Bose ShowMatch system, the venue was able to deliver a celebratory occasion few will forget.



SYSTEM COMPONENTS

ShowMatch DeltaQ SM5 loudspeaker x20

ShowMatch DeltaQ SM10 loudspeaker x2

ShowMatch DeltaQ SM20 loudspeaker x2

ShowMatch SMS118 subwoofer x32



SHOWMATCH™ DELTAQ™ ARRAY LOUDSPEAKERS & SUBWOOFER

Bose Professional ShowMatch array loudspeakers - the newest DeltaQ technology design - feature replaceable waveguides that allow changing coverage and asymmetrical patterns, in compact enclosures optimized for both installation and portable applications requiring the best possible (top-class) sound quality.



Bose Professional serves many different markets, delivering great sound in venues all around the world — performing arts centers, theaters, places of worship, stadiums, restaurants, schools, retail stores, hotels, and corporate buildings.

We know that our pro audio customers depend on us in a unique way. This is your business, your reputation, your livelihood — not just an amp, not just a loudspeaker. So, when you buy a Bose Professional product, you get the full weight of the global Bose Professional team behind you — our time, support, and attention. We see every purchase as the beginning of a partnership.



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