



**Intrepid Electronic Systems
Installs Fire Alarm System
At Alameda High School**



**PCD AV Installation
At B Street Theatre:
Illustration**



**PCD Installs State-Of-The-
Art Sound Reinforcement
System at B Street Theatre**

**And
more...**



A publication of the National Electrical Contractors Association (NECA) and the International Brotherhood of Electrical Workers (IBEW) of Northern California.



PCD Audio and Video System Integration wired a state-of-the-art sound reinforcement system at the new B Street Theatre in Sacramento.

‘There’s Magic In This Room!’ **PCD Wires AV Systems for The Sofia, Home of The B Street Theatre**

The Sofia, home of the newly constructed B Street Theatre in Sacramento, is wired with a state-of-the-art sound reinforcement system, thanks in part to the work of PCD Audio and Video System Integration, a NECA-IBEW union contractor headquartered in Santa Rosa.

PCD’s sound system installation has earned enthusiastic accolades from the Theatre’s in-house producer. “This isn’t a building people inhabit,” says Jerry Montoya, B Street Theatre’s executive producer. “The building itself is an instrument and the audience is truly given a transcendent experience. There’s real artistry in the delivery of the sound system. PCD was part of building something extraordinary.”

In addition to installing the Theatre’s state-of-the-art sound reinforcement system, PCD wired all the equipment in

the control rooms, the paging system, signal processing, projectors, and the digital signage in the lobby.

PCD worked with a talented team on the project, including The Shalleck Collaborative, the Theatre consultant who designed and specified the audio video systems, and Meyer Sound

Laboratories, who designed the sound reinforcement system. The acoustician was Charles Salter Associates. The general contractor was MarketOne Builders. The Theatre opened in 2018.

The 48,000 square foot building, known as the Sofia Tsakopoulos Center for the Arts, houses two Theatres: a 250-seat Thrust Theatre (home to contemporary American Theatre productions) and the

365-seat Proscenium style Sutter Theatre (used as a children’s Theatre and for concerts). The building also has three rehearsal rooms, several conference rooms, and a lobby. An adjacent café is next door.



PCD wired all the equipment in the control rooms, the paging system, signal processing, projectors, and the digital signage in the lobby.

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PCD Wires AV Systems For S

Two Theatres Showcased In The Sofia Tsakopoulos Center for the Arts



PCD installed Meyer Sound Laboratories UPQ-2P coverage loudspeakers.



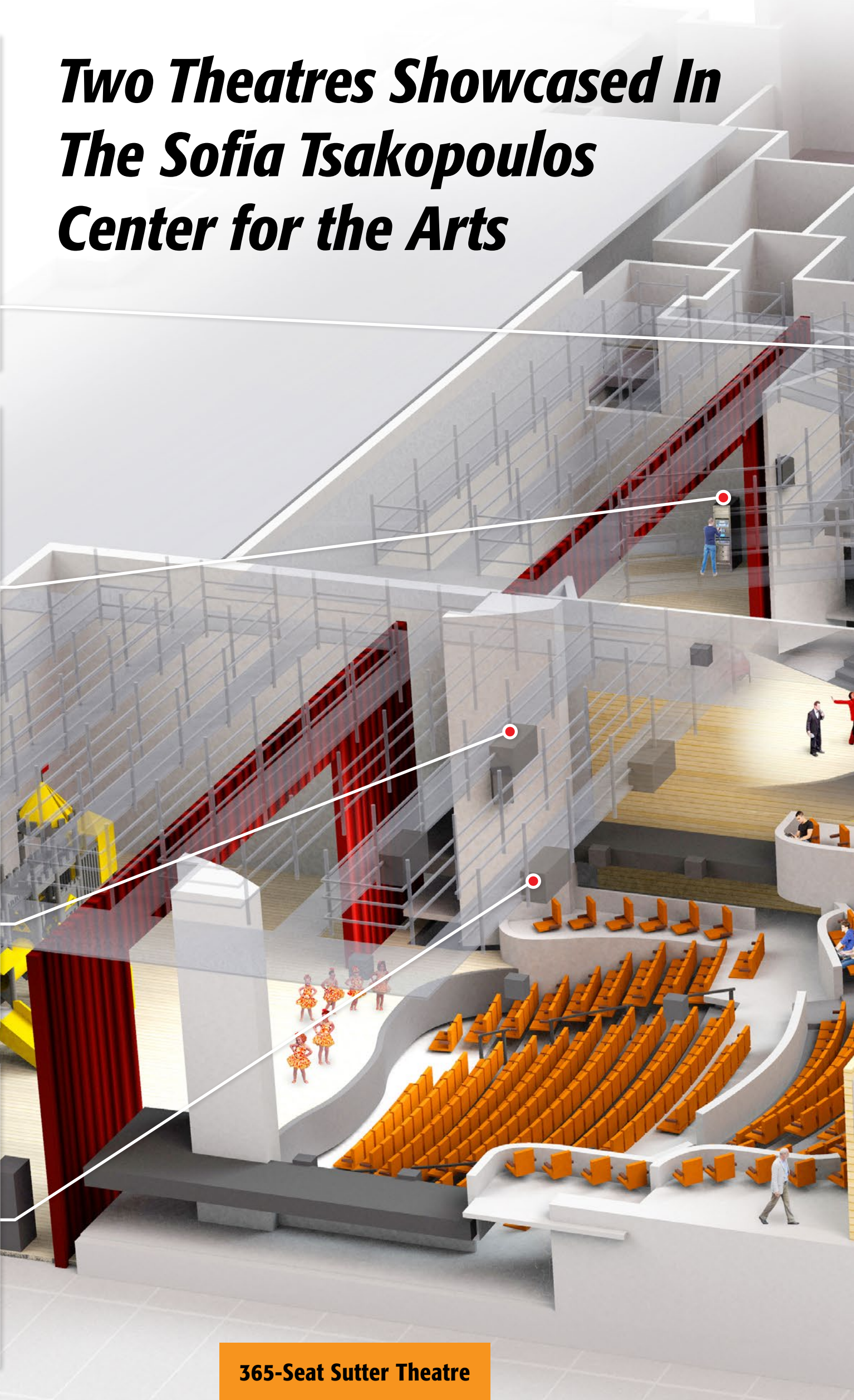
Backstage, PCD installed video monitors and speakers, as well as paging system so the actors can hear their cues.



PCD installed Meyer Sound subwoofer speakers in both theatres.



PCD installed speakers in clusters at the front of the stage, along with overhead speakers.



365-Seat Sutter Theatre

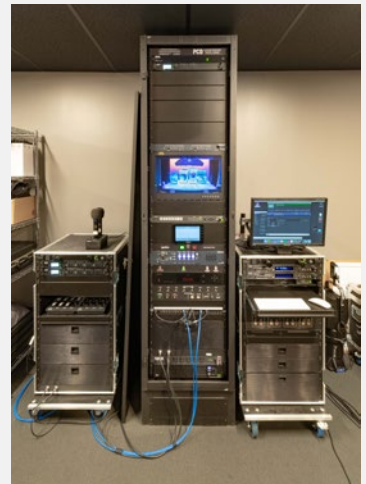
ILLUSTRATION BY PAICHING WEI | PHOTOS BY SCP DIGITAL

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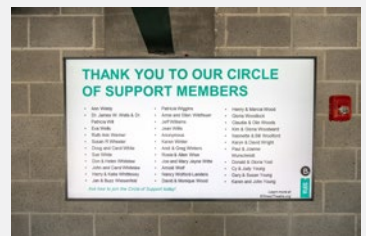
SOUND AND
COMMUNICATIONS
of Northern California

Sacramento's B Street Theatre

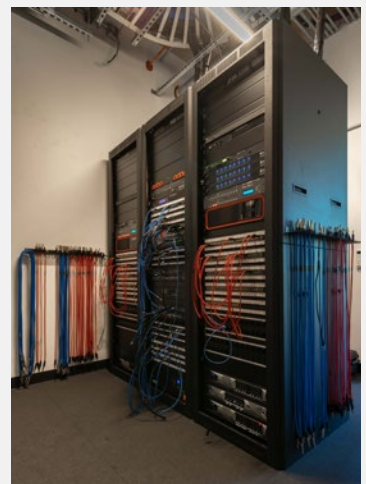
250-Seat Thrust Theatre



PCD installed all the AV equipment in the control rooms for each theatre.



PCD installed BrightSign digital signage paired with a Samsung 65" TV in six locations around the lobby.



PCD installed all the AV equipment in the control rooms for each Theatre; and shared amp room.



PCD installed a 64 channel Yamaha mixing console, a wireless microphone and program paging system, and a digital signal processing system in the theatre's control rooms.

PHOTO BY SCP DIGITAL



The state-of-the-art sound reinforcement system, installed by PCD, is designed by Meyer Sound Laboratories of Berkeley.

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The Theatre was built as a community effort. Sutter Health donated the land for the building. Several private donors made major contributions to the project, including the Tsakopoulos family, well known for their philanthropy in the Sacramento area. The Theatre is named after Sofia Tsakopoulos. Additional funds were raised from the City of Sacramento and the California Infrastructure and Economic Development Bank.

The state-of-the-art sound reinforcement system, installed by PCD, is designed by Meyer Sound Laboratories of Berkeley. Inside the Sutter Theatre, PCD deployed six UPQ-2P coverage loudspeakers,

4 stage monitors, two compact low-frequency control elements, 12 surround loudspeakers, nine ultracompact loudspeakers, three power supplies and a Galileo 616 for network processing. PCD installed speakers in clusters at the front of the stage, along with overhead speakers. Subwoofer speakers are located underneath the stage.

In the smaller Thrust Theatre, PCD installed 12 HMS-10 loudspeakers, three compact coverage loudspeakers, three UP Junior ultracompact loudspeakers, one RM server, two MPS-488HP power supplies, and a Galileo 616.

PCD's field staff consists of technicians from

various bay area Locals of the International Brotherhood of Electrical Workers (IBEW) union.

PCD installed all the AV equipment in the control rooms for each theatre; the control rooms share an amp room. Jim Jones, PCD project manager, said the control rooms each contain a 64 channel Yamaha mixing console, a wireless microphone and program paging system, Crestron control systems, Digital Projection projectors, and a digital signal processing system. The control room can reinforce audio events requiring live operation and offers automatic mixing for events that do not require a live operator.

PHOTO BY SCP DIGITAL



PCD installed Anvil Racks in each of the 3 rehearsal rooms. The racks contain an amplifier, mini mixing console, Whirlwind mixer and a Denon Pro CD player.

PHOTO BY SCP DIGITAL



PCD installed Digital Projection projectors for use throughout the theatre.

PHOTO BY SCP DIGITAL



PCD installed a 64 channel Yamaha mixing console, a wireless microphone and program paging system, and a digital signal processing system in the theatre's control rooms.



PHOTO BY SCP DIGITAL

PCD PROJECT TEAM: BACK ROW: Jim Jones, Project Manager; Henry Beaumont, President & CEO; Daniel Villagomez, Senior Installer; John Rudolph, VP & General Manager; **FRONT ROW:** Christian Velasquez, Estimator & Contract Manager; Matt Roncarati, CTS-I, Senior Technician; Gordon Barnes, Project Design Engineer

PCD installed a sound board that runs the performances and a physical rack that houses all the digital signal processing and controls for the various devices in the Theatre. PCD also installed an Apple Mac Mini for playback; it runs QLab, a Theatre specific software.

Backstage, PCD installed video monitors and speakers in the dressing room, so the actors can hear their cues. The paging system is also located back stage.

PCD installed an Anvil Rack in each of 3 rehearsal rooms, including a hard case rolling tour rack that contains an amplifier and mini mixing console. The

Anvil cases are rolled into the room and hooked up to portable speakers plugged into wall plates. They also installed Whirlwind mixers, an audio mixer for smaller rooms, along with a Dennon pro CD player which is hooked up through Bluetooth.

In the lobby PCD installed BrightSign digital signage paired with a Samsung 65” TV in six locations around the lobby so that late-comers can see what’s on the stage. They also installed a late arrival live video system so that late comers not allowed in the theatre can watch the performance and hear it. They installed overhead speakers in the lobby for paging and preprogrammed music, plus chimes to let

theatregoers know it’s time to get to their seats.

Ian Hunter, the AV Manager for The Shalleck Collaborative said PCD helped make the Theatre more performance friendly. “Our real job is to make sure the audience and the performer can be as connected as possible, to make it feel like every person in that Theatre is on the stage with the performer. I think we accomplished that at the B Street Theatre.”

For more information about PCD Audio and Video System Integration and its audio video services, contact John Rudolph, Vice President (jrudolph@pcdinc.net) or call 707-546-3633.



PHOTO BY SCP DIGITAL

PCD installed patch panels throughout the theatres to reinforce the new sound system.

PCD Team List The Sofia, B Street Theatre

B STREET THEATRE REPRESENTATIVE:
Jerry Montoya, Executive Producer

ARCHITECT:
Vrilakas Groen Architects

GENERAL CONTRACTOR:
MarketOne Builders
Brooke Higman, Senior Project Manager

THEATRE AND AV CONSULTANT:
The Shalleck Collaborative
Adam Shalleck, Principal-in-Charge
Bruce Veenstra, Project Manager
Ian Hunter, AV Designer
Scott Krenzke, System Designer

ACOUSTICIAN:
Charles M. Salter Associates Inc.

SOUND REINFORCEMENT SYSTEMS:
Meyer Sound Laboratories Inc.

AV CONTRACTOR:
PCD Audio and Video System Integration
Jim Jones, Project Manager
Christian Velasquez, Estimator
Matt Roncarati, CTS-I, Senior Technician
Daniel Villagomez, Senior Installer

INSTALLER TECHNICIANS:
PCD’s field staff consists of technicians from various bay area Locals of the International Brotherhood of Electrical Workers (IBEW) union.