

THREE STORIES

PEIRCE THEATER

TECHNICAL SPECIFICATIONS



TABLE OF CONTENTS

[\(click on link\)](#)

ELECTRICS

Control

Company Switch

Lighting Inventory

Accessories

SOUND

Main System

Inventory

Communication

Intercom

Paging/Program

FAQ

ELECTRICS

CONTROL

ETC Ion Classic Console running Eos v2.9 with one Fader Wing

COMPANY SWITCH

(1) 100 amp (3-phase + Ground and Neutral), upstage left

INSTRUMENT INVENTORY

(6) ETC ColorSource Spot V with 50 degree Source 4 Lens Tubes

(18) ETC ColorSource Par with Wide Round Diffuser

ACCESSORIES

(10) 5' 5-Pin DMX

(20) 10' 5-Pin DMX

(2) 25' 5-Pin DMX

(10) 25' Edison

(8) 5' ETC DPJ-5 powerCON Male to powerCON Female

(15) 10' ETC DPJ-10 powerCON Male to powerCON Female

(4) 5' ETC T1PJ-5 TRUE1 Female to TRUE1 Male

(5) 10' ETC T1PJ-10 TRUE1 Female to TRUE1 Male

(1) 4 port Obsidian DMX Node

(24) Safety Cables

(24) Unistrut 1/2" Nuts and Bolts

SOUND

MAIN SYSTEM

Control Allen & Heath SQ-5 48 channel/36 bus digital mixer

Loudspeakers

House: (2) QSC K10.2 Two-Way 10"

Monitors: (2) dbTechnologies FMX-12 12" Coax Floor Monitor

AV Patch Panel onstage – Stage Left & Stage Right

Each Includes 2 BNC Connection, 2 XLR (m), 4 XLR (f)

INVENTORY

Wired Microphone Package

- (3) 25' Microphone Cable
- (3) 50' Microphone Cable
- (3) K&M 21090 – Tripod Microphone Stand – Telescoping Boom
- (3) Shure SM58-LC Cardioid Dynamic Microphone
- (1) Sennheiser MKE 600 (microphone for ambience) PERMANENT INSTALL

Wireless Microphone Package

- (2) Shure SLXD4D Receiver Dual Combo System
- (1) Shure UA221 – Passive antenna splitter/combiner kit
- (4) Shure SLXD2/SM58 Handheld Transmitter with SM58 Capsule 4
- (4) SLXD1 Bodypacks with Shure DL4B/O-MTQG-A Duraplex lavalier Microphone, Black, Omnidirectional

COMMUNICATION

- Intercom**
- (1) Clear-Com MS-232 Base Station
 - (5) Shure BRH441M-LC Headset
 - (4) Clear-Com RS-702 (Two Channel Analog Beltpack)

Paging/Program

The backstage dressing rooms and kitchen are equipped with a system receiving show program and paging with individual wall attenuators located in each area.

FAQ

Q: Will there be a rep light plot? Or will all of the fixture inventory be used for the rep light plot?

A: Yes, there will be a rep light plot that is comprised of the fixture inventory.

Q: Can I move the lights on the rep plot to create my own plot?

A: Yes, but you will need to restore the plot to its original hang and focus before the end of your space rental; otherwise, you will be charged for the cost of restoring the rep plot.

Q: Can I bring in my own lighting equipment? Or can I rent and bring in additional lights?

A: We will provide all renters with a list of approved vendors, and you can use these vendors if you need additional equipment. You would pay the vendor directly for your equipment rental.

Q: Can I use the 4 handheld wireless and the 4 wireless lav mics at the same time?

A: There are only 4 wireless channels, and you can use any combination of handheld mics and lav mics, but you can only use a total of 4 at a time.

Q: I don't see any mic snakes on your inventory list. How do I connect a mic to the sound console?

A: There are Patch Panels located on stage right and left where you can connect microphones to the console.

Q: How do my actors hear the show from the basement dressing rooms?

A: The backstage dressing rooms and kitchen are equipped with a system receiving show program and paging, with individual wall attenuators located in each area. There is a permanently installed microphone in the house that can be used for show relay when no microphones are being used. You can also route an audio feed from the board into the system, or use a combination of both methods.

Q: Where do the technicians run the lights and audio from?

A: We have a booth that can comfortably fit the Stage Manager, Sound Engineer, and Light Board Operator.

Q: What software version is the lighting console running?

A: The ETC Ion Classic console is running Eos v2.9.

Q: Can I bring my own lighting console and use it instead of the ETC Ion Classic?

A: Yes, you can bring your own console, but you will need to coordinate with our technical team to ensure proper connectivity and operation.

Q: What kind of dimming system is in place?

A: This system is entirely LED-based, so there are no conventional dimmers. Dimming is handled via DMX control through the console.

Q: What kind of power connections are available for additional lighting or audio equipment?

A: There is a 100A (3-phase + Ground and Neutral) power supply located at USL. If you need additional power, please coordinate in advance.

Q: What type of DMX distribution is available?

A: There is a 4-port Obsidian DMX node available for DMX distribution. Additional DMX cables are also in inventory.

Q: Can I use hazers or fog machines in the space?

A: Haze and fog usage is subject to prior approval. Please check with the venue in advance, as additional HVAC adjustments or fire alarm precautions may be necessary.

Q: Can I patch my own wireless microphones into the system?

A: Yes, but only if they operate on approved frequency bands to avoid interference. Contact us ahead of time to confirm compatibility.

Q: Does the sound system support multitrack recording?

A: The Allen & Heath SQ-5 digital console supports multitrack recording via USB. Contact us for details on recording options.

Q: Can I patch my own playback device into the sound system?

A: Yes, the console supports multiple input options, including XLR, ¼", and USB playback. Coordinate with the venue to ensure compatibility.

Q: Are there additional monitors available if I need more than the two floor monitors?

A: At this time, the house only includes two dbTechnologies FMX-12 monitors. If you require additional monitors, you will need to rent them from an approved vendor.

Q: What kind of microphone stands are available?

A: The venue provides three K&M 21090 tripod microphone stands with telescoping booms. If you need additional stands, they will need to be rented.

Q: Can I bring in my own intercom system?

A: Yes, but you will need to ensure it does not interfere with the venue's Clear-Com MS-232 system. Please check with the venue ahead of time.

Q: Is there an assistive listening system available for patrons?

A: No, an assistive listening system is not currently included in the house inventory. If required, you may bring your own or rent one from an approved vendor.

Q: How do I control the show relay and paging system?

A: The system automatically receives an audio feed from the show. You can adjust the volume for each area using the individual wall attenuators.

Q: Can I bring in my own projection equipment?

A: Yes, you may bring your own projection equipment. However, we do not have a dedicated projection infrastructure, so you will need to coordinate placement and power needs with our team.

Q: Are there any restrictions on cabling runs for additional equipment?

A: Yes, any additional cables must be safely secured and may not block exits or pathways. There are two pass-throughs available for routing cables out of the booth. You may need to use cable ramps or tape-downs as required by safety regulations.