

OAKLAND COMMUNITY COLLEGE

Technical Information for the Smith Theatre

PREFACE

This booklet is intended to provide answers for prospective visitors to the most common questions concerning the technical aspects of our theatre.

I. Location of Theatre

The Smith Theatre is located at center of the Orchard Ridge Campus. Enter the campus at the main entrance (Orchard Lake Entrance) and continue until you reach a fork in the road. Follow the fork in the road to the right and park in the short term parking lot. Once you are parked look for M-building and walk towards the center of campus. The Smith Theatre is located just past M-building on the northside of campus.

II. Individual Responsible for the Smith Theatre

Name: Ken Faulk, Theatre Manager

Address: Smith Theatre

27055 Orchard Lake Road

Farmington Hills, MI 48334

Phone(s):

Office Phone: (248)522-3666

Box Office: (248)522-3666

Cell Phone: (248)941-5799

FAX Number: (248)522-3492

E-mail: kpfaulk@oaklandcc.edu

III. General Information:

LOCATION:

The Smith Theatre is located at the heart of Oakland Community College's Orchard Ridge Campus. The campus is located at 27055 Orchard Lake Road Farmington Hills, MI 48334. Contact the Theatre Manager for a campus map.

SEATING:

The theatre has 420 seats all on the main floor, no balcony. Handicapped seating is available please contact the theatre manager for more details.

DRESSING ROOMS:

Two large chorus dressings on the same level as the stage well lit with mirrors. There are two bathrooms each with a toilet and a sink. A washer and a dryer are available backstage please request use from the theatre manager. No smoking, food, or drink in dressing rooms.

GREEN ROOM:

A large room located just off stage is available by request ahead of time. The room can be set up in many different ways to accommodate different groups.

LOADING:

Load dock is at ground level. It is located on the west side of the theatre and is accessed by a service drive. There are two entrances one that goes directly on stage and the other that enters into the shop. Stage entrance measurements are: 7' 1" x 3' with a door mullion separating the doors; and the shop entrance measurements are: 7' 9" x 5' 10"

PARKING:

There are nine parking lots on campus. On the campus map you will see lot 5 (short term/disabled parking) and lot 4 (staff parking) are the closest to the Theatre. Both lots are available for use during events. If you are coming in to rehearse lots 1-3 are available or you can contact the theatre manager to make special arrangements to park in lot 4 or 5.

SMOKING/FOOD:

Do to the health code regulations and College policy, no homemade food or drinks are permitted on campus for events. For catering services please call the Culinary studies Institute at (248)522-3711.

Alcoholic beverages are prohibited on campus, including non-alcoholic beer. Local ordinances apply. Possession or consumption of alcoholic beverages in any form is prohibited, and any persons under the influence of alcoholic beverages or drugs shall be removed. There is no Smoking on any and all Oakland Community College property.

STAGE Access:

There are 3 entrances and exits to and from the stage:

1. Loading Dock directly onto stage: 2 doors with a fixed mullion in the middle

Left door: 34" W x 84.5" H

Right door: 33.5" W x 84.5" H

Bar in middle

2. Loading Dock through the Shop to the Stage:

Entrances to shop

Outside: 67" W x 92" H

Inside :67" W x 102" H

Entrances to stage

SL ENTRANCE SHOP-> stage

33.5" W x 84.5" H

SR ENTRANCE SHOP ->STAGE

93.5"W x 140.5" H

3. From Hallway to Stage:

34" W x 81" H

IV. Stage dimensions

1. Height -- 25'
2. Width -- 45' 8"
3. Width between staircases- 38' 6"
4. Edge of Stage to Cyclorama - 27' 6"
5. Distance from Front edge of stage to back wall of auditorium 51'
6. Stage Right Caliper -- 15' by 8' 6"
7. Stage Left Caliper -- 15' by 8'
8. Proscenium to upstage wall: 15' 7"
9. Proscenium to front of stage: 11' 10"

Stage Wing Space:

1. Stage Right Wing 11' by 6' 6"
2. Stage Left Wing is U shaped see below diagram for measurements

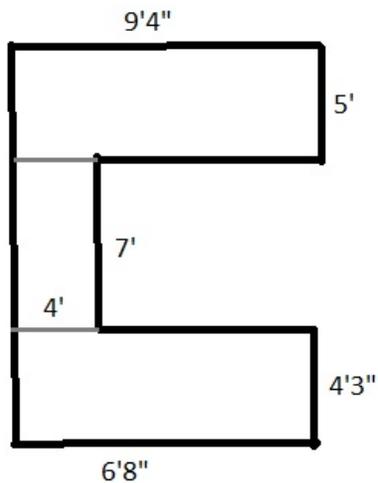


Figure 1-Measurement of Stage Left Wing

Catwalk 1 height to floor: 26'

Catwalk 1 from front of stage 14' 10"

Catwalk 2 height to floor: 25' 4"

Catwalk 2 from front of stage 36' 4"

Front of stage to booth 51' 5"

Fly System

A. Type – Electrical Wench System – only to be operated by authorized OCC employees

B. Number of lines -- 8

Drapes and Soft Goods: All Curtains are black velour and sewn at 50% fullness

A. Main Curtain:

Is a traveler that open and closes in the middle and can be operated from Stage Left or Stage Right.

Stage Right Main-Height: 24' 1" and Width: 31' 3"

Stage Left Main- Height: 24' 1" and Width: 31' 3"

B. Mid-Curtain:

Is a traveler that open and closes in the middle and can be operated from Stage Left.

Stage Right Mid-Curtain: Height: 22' 9" and Width: 28' 6"

Stage Left Mid-Curtain: Height: 22' 9" and Width: 28' 6"

C. Upstage Curtain:

Is hung on a track and can be manually pulled from the middle to cover or reveal the Cyclorama

UpStage Right Curtain- Height: 14' 9" and Width: 34'

UpStage Left Curtain- Height: 14' 9" and Width: 34'

D. Caliper Curtains:

Stage Right Caliper Curtain is hung on a track and can be manually pulled from the onstage side to reveal a wall. Height: 24' 1" and Width: 25' 9"

Stage Left Caliper Curtain is hung on a track and can be manually pulled from the onstage side to reveal an exit to the loading dock. Height: 24' 1" and Width: 25' 9"

E. Legs:

Are located both Stage Right and Stage Left and are required to mask backstage.

Stage Right Leg: Height: 20' and Width: 9'

Stage Left Leg: Height: 20' and Width: 8'

F. Borders:

Main Speaker Border- Height: 4' and Width: 57'

Down Stage Border- Height: 4' and Width: 48' 7"

Mid Border- Height: 4' and Width: 42' 9"

Upstage Border- Height: 4' and Width: 44' 2"

G. Cyclorama:

Height: 15' and Width: 41' 4"

Cyclorama teaser

Height: 2' and Width: 44'

Hanging in the Air: All measurements are from front of stage:

Front speakers at 0

1st electric - 3'

2nd baton - 7'

2nd electric - 10'

Downstage curtain - 12'

3rd baton - 13'

Fluorescent dead hung - 14' 6"

Screen dead hung - 16' 9"

3rd electric - 18'

Misstate curtain -19'

4th border - 20'

4th electric - 24'

Upstage curtain - 27'

Cyclorama - 27' 7"

Lighting System

A. Main Control Board

1. Type -- ETC Insight 2X
2. Number of channels -- 324
4. Number of faders – 108 in Single Scene Mode
5. Number of submasters -- 108, 108 x 10 pages
6. Wireless Remote Focus Unit
8. Main Console Location -- Enclosed in booth at the rear of auditorium.

B. Dimmers

1. Number – 170
2. Brand -- Strand Century CD80
3. Wattage -- 2.4 KW

C. Patching/Plugging

1. All patching/channel assignment is done at the control console.
2. Plugging connectors are 20 amp, old-configuration twistlock (grounding tit out).

Cyc Lights are three color units. They are in a square configuration, with two circuits side by side underneath. We provide red, blue, and green color. If you want to double the blue, or use a different gel color, please provide your own color.

Onstage Lighting Positions

A. First Electric

1. Distance from front of stage – 3’
2. Number of different circuits -- 12
3. Number of connectors -- 36
4. Length -- 53’

Maximum Trim on 1st Electric is 26’

B. Second Electric

1. Distance from proscenium – 10’
2. Number of different circuits -- 12
3. Number of connectors -- 36
4. Length -- 42’

Maximum Trim on 2nd Electric is 24’ 6”

C. Third Electric

1. Distance from proscenium – 18’
2. Number of different circuits -- 12
3. Number of connectors -- 24
4. Length -- 42’

Maximum Trim on 3rd Electric is 22’ 6”

D. Fourth Electric

1. Distance from proscenium – 24’
2. Number of different circuits -- 12
3. Number of connectors -- 24
4. Length -- 42’

Maximum Trim on 4th Electric is 16’ 5”

E. First Catwalk

Distance from front of stage to Front of first cat: 13’

Height to floor: 26’

F. Second Catwalk

Distance from Front of stage to Front of second cat: 35'

Height to floor: 25'4"

G. Floor Pockets

1. Number of pockets -- 6
2. Number of different circuits per pocket -- 4
3. Total number of different floor circuits – 24
(12 CIRCUITS LEFT – 12 CIRCUITS RIGHT)
4. Number of connectors -- 24
5. Pockets are located off left and right, three per side.

H. Cyclorama Lighting

We have 16 cyclorama lights available for use. 14 of them are Berkley Colortran Far Cyc 108-300 series and 2 are Broad Cyc Cat# 6571. All of them can be individually gelled.

I. Booms

1. Standing Booms – 6 at 10'

Sound System

A. Location

1. Sound system controls and reproduction equipment are located in a booth at the rear of the auditorium.

Mixers

(1) Mackie Onyx 80 Series Premium Live Analog Mixer with Perkins EQ and Onyx Mic Preamps

Speakers

Front of house

(3) Bose 802 – Left, Right, Center

(2) Bose 402 – Left, right

Back of house

(2) Bose 802 – Left right

Amplifiers And Controllers for House Speakers

- (1) Alesis RA150 Amplifier
- (2) Bose 802C II System Controller
- (1) Bose 402C System Controller
- (1) Bose Panaray Systems Controller II
- (1) Carver Professional PM-1400
- (2) Carver Professional PM420
- (1) Carver Professional PM700
- (1) Carver Professional PM-900 Magnetic Field Power Amplifier
- (1) TOA Solid State PA-Amplifier

Stage monitors:

- (2) Electro-Voice ELX-112 12'' Loudspeaker System
- (2) Ross System Monitors
- (3) Electro-Voice FM12-2 2-Way Floor Monitors
- (2) Bose 402-II Professional Loudspeaker
- (4) Bose 802-II Professional Loudspeaker

Amplifiers and Controllers for Stage Monitors

- (1) Carver Professional PM420
- (1) Carver Professional PM-600
- (1) Bose Panaray System Digital Controller II
- (1) Crown XLS2000 High Density Power Amp

Microphones

- (4) Wireless Audio-technica AEW-R5200 UHF Syntyesized Diversity Reciever
- (9) Audio technica aew-t5400 wireless microphone
- (2) Audio Technica Soft Case
- (8) Audio-Technica AEW-T 1000 UHF Transmitter
- (1) Audio-Technica AT803a Wired XLR Microphone
- (1) Audio-Technica AT803a Wired XLR Microphone Made in Japan Box

- (1) Audio-Technica AT831a Wired XLR Microphone
- (2) Audio-Technica AT889 Wired headset microphone
- (1) Audio-Technica ATM27HE Microphone
- (1) Audio-Technica ATM41 Microphone
- (2) Audio-Technica ATW-T32 Microphone
- (1) Audio-Technica ATW-T35 Transmitter
- (2) Audio-Technica ATW-T36HE Microphone
- (1) Audio-Technica BP892cW-TH OmniDirectional Condenser Headworn Microphone
- (6) Audio-Technica Hard Cases
- (1) Comprehensive ML-10 1/4th" Lap. Mic
- (1) Crown LM- 301A Podium Mic
- (2) Electro-Voice 635A Microphone
- (2) electro-voice pl80c microphone
- (2) Electro-Voice RE15 Microphone
- (2) Gold Microphone Head
- (1) Hanging Quarter Inch Microphone
- (1) LAV Microphone Clips
- (8) LAV Microphones with clips
- (5) Microphone Clips
- (1) Microphone cover
- (2) Microphone extenders
- (13) microphone windscreens
- (3) Shotgun Microphone
- (4) shure beta 58a microphone
- (1) Shure Hardcover Case
- (2) shure sm 58 wired microphones
- (1) shure sm58 wireless microphone

- (7) Shure Soft Case
- (1) Soft Microphone Head
- (1) Sony F-V410 Dynamic Microphone
- (2) Table Stand

Reproduction

- (1) Marantz PMD 502 Stereo Cassette Deck
- (1) Tscam CD-RW900SL Professional CD Rewriteable Recorder
- (1) Denon DN-C615 CD-MP3 Player
- (2) Tascam MD-350 MiniDisk Player/Recorder
- (1) JVC XV-S300 DVD/ Super VCD/ VCD/ CD Player
- (1) JVC XV-S400 DVD/ Super VCD/ VCD/ CD Player
- (1) Sony RDR GX-355 DVD Recorder
- (1) JVC HR-J691U VHS Hi-Fi Stereo Player
- (1) Mitsubishi HS-U520 VHS Player/ Recorder

Recording Station

- (1) AKG K99 Stereo headphones
- (1) TASCAM CD-RW900SL
- (1) Mackie micro series 1402-VLZ 14 channel mic/line mixer

Projection Screen:

Width of screen 20'

Height of screen 15' 6"

Screen Height stage when lowered 3' 10.5"

Height From stage when risen 19'

Video

- (1) dell ultra sharp monitor
- (1) NEC Autocolor Television

- (1) Eiki Boardroom Projector LC-X85

(1) 4 port VGA switcher

(1) Zenith DVD/VHS player XBV71

Communications

A. We have headset communications, show monitors (audio & video), and paging to all key locations within the complex.

Other Equipment

A. Harlequin Dance Floor -- Custom cut to cover stage and wings upstage of the arch.

B. One 20' air lift (to be used by OCC Employee's only) and assorted ladders available.

Thank You.

Sincerely,

Ken Faulk

Theatre Manager

Oakland Community College Smith Theatre

Revised – February 27, 2014