



## Center Theater Technical Information 9/1/12

### Theater Contacts

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### FACILITY INFORMATION

#### OUTER LOADING DOCK

	Length/Depth	Width	Height	Capacity
Outer Dock	10'	42'	3'7"	
Leveler	28'	10'1"		22,000 lbs gross wt.

- The dock has space for two or three trucks.
- (1) truck leveler is available and is capable of lowering 12" below grade or 3'7" above grade.
- Interstate tractors with 53' trailers sometimes have "bottoming out" backing onto the dock.
- The Terrace Theater shares the loading dock.

#### INNER LOADING DOCK

	Length	Width	Height
Inner Dock	36'6"	14'6"	19'2"
Outer Roll-up Door		8'11"	17'10"
Elephant Doors		7'6"	17'10"

- The outer dock opens through (1) roll-up door to the inner dock. Access to stage right from the inner dock is through the set of "elephant doors" and a separate entrance door to the right of the elephant doors.
- Freight elevators are available to transport items to the lower dressing room level and possible case storage areas. As these are shared elevators please contact the *production manager* for more information and coordination of their use.
- No padding would required for the freight elevators.

#### LOBBY ACCESS

	Length	Width	Height
Lobby Access – Glass Doors		6'	6'11"
Lobby Access – House Doors		6'7"	7'9"
Passenger Elevator to Center Theater Lobby (#5)	4'8"	4'3"	6'11"

- Lobby Access via the Lobby Entrance (Box Office turn-around area located on East side) – one long, wide flight of stairs and a small passenger elevator to the Lobby Level Entrance.
- There are (2) sets of double-wide glass doors entering into the lobby.
- There are (4) entrances from the house to the lobby each containing (1) or (2) sets of double-wide doors.

### STAGE MEASUREMENTS

#### ON STAGE MEASUREMENTS

All measurements are taken from the centerline of the front edge of the permanent stage.

Location	Distance	Location	Distance
Center Line to Pin Stage Right (clear)	47'	Grid Height to Working Surface	30'
Center Line to SR Elephant Doors (clear)	63'10"	Pipe Out Trim	30'
Edge of Permanent Stage CL to Back Wall	16'3"	Permanent Stage Height	1'7-3/4"

#### MEASUREMENTS TO THE HOUSE

All measurements are taken from the centerline of the front edge of the permanent stage.

Location	Distance	Location	Distance
Edge of Permanent Stage CL to Row 1	44'	Cable run: Stage Left or Right to CL Aisle	150'
Edge of Permanent Stage CL to Aisle	32'	Cable run: Stage Left or Right to ADA Position	200'
Edge of Permanent Stage CL to Sound FOH (operator)	70'	Cable run: Stage Right to FOH Mix Position	250'
Edge of Permanent Stage CL to Light Booth	67'		

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### CABLE RUNS TO HOUSE

Cables may be run to the center aisle position from backstage by passing through an access door. The cables will then follow around behind the Orchestra level seating in the vomitorium under the aisle. At the center house position the cable will come through an access point at the center of the last row of Orchestra level seats in Section 3 and can run behind the seat to reach the aisle. This path is accessible from stage left or right.

The same route will be used to reach the ADA positions in Orchestra Sections 2 and 4. Once the cable is in the Orchestra section, it will run behind the seats to the ADA section(s). Cable will need to be taped/secured when it crosses the steps of the aisle.

To reach the FOH mix position, the cable will go through an access panel on stage right that is approximately 10' off the ground. A ladder is there for access. The cable will then cross atop the House Door 4 vom roof and proceed behind the last row of seats in the Loge level.

### STAGE FLOOR – Permanent Stage

The stage floor is a 1-1/4" tongue and groove pine "sprung" dance floor. It is covered with black painted 1/4" hardboard. Lagging or screwing into the floor is permitted, however all holes are the responsibility of the production. There are no traps in the floor.

### STEELDECK STAGE FLOOR – Semi-Permanent Thrust

The Steeldeck Stage Floor is a Semi-Permanent thrust located downstage of the Permanent Stage. The Thrust is centered on the permanent stage centerline, is 28' wide, 20' deep, 1'7 1/4" in height (same as permanent stage) with curved downstage corners. Step units are available for all three (3) sides of the Thrust.

### SLIDING WALLS

The sliding, wood slat walls form a barrier from the backstage area to the Seating/House of the Center Theater. There are 6 moving panels per side of the stage splitting centerline, each panel measures 6' 8 1/2" wide x 30' high. These walls form a false proscenium line, and can be used in several different variations, including but not limited to an opening at center for a projection screen or a main drape, closed at center with openings just off center for entrances, etc. For a full reveal of the stage, the walls can remain open to their appropriate offstage position.

### RIGGING

Due to the unique features in the Center Theater, please contact the *production manager* if you have any rigging needs.

### DRAPERY AND MASKING

Standard theater masking included at no additional charge.

- (1) Fixed Downstage Black Border 6' high x 75' wide, flat, velour.
- (1) Set Downstage Black in (4) panels each 29'3" high x 20' wide, flat, 24oz IFR Charisma.
- (1) Fixed Midstage Black Border 6' high x 75' wide, flat, velour.
- (1) Set Midstage Black in (4) panels each 29'3" high x 20' wide, flat, 24oz IFR Charisma.
- (1) Set Upstage Black in (4) panels each 29'3" high x 20' wide, flat, 24oz IFR Charisma.
- (1) White Filled Cyc – 32' high x 80' wide, flat. Equipped with chain at the bottom. Can be piped if necessary.

All soft goods are fixed height. Blacks and cyc are on travelers.

Pipe and drape (Black banjo cloth) is available for section masking in the house.

Black spandex seat covers are also available for block-out seating in Sections 1 and 5 of the Orchestra level.

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### ELECTRICAL AND LIGHTING INFORMATION

#### ELECTRICAL POWER

##### Lighting and Motor Power Stage Right

- (1) 200-amp 120/208 volt, 3-phase service that is run to offstage right and fed from the loading dock. A disconnect with "cam-lok" type connectors are required

##### Sound Power, Stage Right

- (1) 60 amp trade show distro with (4) - (3) circuit twist lock receptacles that each feed (3) 20 amp 120 volt "household" type duplex receptacles.

##### Followspot Power Lighting Booth

- (4) 30 amp 208 volt single phase circuits. Dryer style plug is required.

##### Loading Dock Power

- (2) 200 amp 120/208 volt, 3-phase service disconnects with 200 amp circuit breakers upstream. Each disconnect is fitted with one set of "cam-lok" type connectors, with neutrals and grounds reversed. Neutral & ground turnarounds are available.
- (2) 100 amp 120/208 volt, 3-phase pin and sleeve connectors with 100 amp 3 pole breakers upstream. These connectors are typically used for "shore power" connection of tour busses and remote trucks. These connections can be further broken down into standard household type outlets for catering and other uses by the installation of our temporary "trade-show" distribution panels.

#### HOUSE CONSOLE

ETC Insight 3 Lighting Console  
(108) submasters with bump buttons.  
Remote video feed for tech table available.

Lighting console is operable from the lighting booth or next to the sound console at the rear of the house.  
Lighting console can be set at center of house, for programming of cues, during rehearsals.

#### DMX CONTROL

DMX outputs, for control of moving fixtures, hazers, etc., are available in the following locations:

- At stage level, on stage left side of stage.
- At the rear of house, next to the sound console.
- At the center of house, in aisle behind orchestra section 3.
- In grid, over center of stage.

#### DIMMING

(480) ETC Sensor 2.4kw dimmers. Dimmer per circuit.  
Dimmers 463 through 480 are dedicated to house lighting.

#### FOLLOWSPOTS

<u>Quantity</u>	<u>Unit</u>	<u>Light</u>	<u>Wattage</u>
2	Colortran	Colorspot Followspots mounted in the lighting booth	575w
		These followspots shoot through angled glass	

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### SOUND INFORMATION

#### OVERVIEW

Due to the unusual design and shape of The Center Theater, the house sound system is a combination of two different but wholly compatible systems:

The first system is the "music" system. The music system is a triamplified, high level, stereo system designed primarily for reproducing live music and recorded sound.

The second system is the "voice" system. The voice system is a monophonic, distributed system with front fill speakers designed specifically for the Center Theatre. It can be used in concert with the music system or alone, as a highly intelligible voice and music reproduction system.

Both the music and voice systems are controlled by dbx 481 loudspeaker management systems from front of house.

#### HOUSE SOUND CONSOLE

- Yamaha M7CL mixer. (48) inputs, (4) stereo inputs, and (16) mix outputs.
- A pair of Yamaha NS-10 near field monitors powered by a Crown D-60 power amplifier are mounted in the booth for your convenience.

#### SPEAKER SYSTEMS

##### Music System

###### Mains

- (6) EAW AS-660 Speaker systems. Three per side.
- Powered by (3) QSC MX-3000a power amplifiers.
- 8,800 watts RMS

###### Subwoofers

- (8) Woodworx W-18 Subwoofers. Four per side.
- Powered by (2) QSC MX-3000a power amplifiers.
- 6,400 watts

##### Voice System

###### Mains

- (7) Meyer UPA-1B Speaker systems suspended from the first "cloud" position.
- Powered by (1) QSC MX-3000a power amplifier and (1) QSC MX-1500a power amplifier.
- 3,400 watts

###### Front Fills

- (6) Martin WT-15 Speaker systems used as "Front Fills" on stage deck.
- Powered by (1) QSC MX-1500a power amplifier.
- 1,00 watts

**Music & Voice systems combined power: 19,600 watts RMS**

#### STAGE MONITOR SYSTEMS

##### Standard Monitor System

Passive stage monitor mixes controlled from the house sound console.

- (8) EAW LA-212 floor monitors
- (6) mixes powered by (1/2) of a QSC EX-1250 power amplifier
- 275-400 watts RMS per channel depending on load

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### On-stage Monitor System

When a more complex system may be required, a separate onstage monitor mix set-up (with an additional operator.) is usually available.

- Yamaha M7CLv3 Digital Mixer. (48) inputs, (4) stereo inputs, and (16) mix outputs.
- (17) Meyer UM-1 monitors (16 plus an operator's cue wedge.)
- (2) Flag Systems 215 "Tycobrahe era" side fills consisting of 1-15" JBL and 1-15" McCauley LF driver each, and a JBL 2445 HF driver on an Emilar EH-500 Horn.
- (2) Drum fills rigs consisting of (1) Meyer USW subwoofer and (1) Meyer UPA-1 speaker.
- (12) mixes powered by Crest 4801's and Crest 7001's.
- 1,115 watts RMS per mix.

### AMBIENT EFFECTS SYSTEM

#### Mid House

- (2) Sonic Systems "Soundsphere 12" coaxial speaker systems are suspended from the third "cloud" position over house entrance tunnels #2 and #3.
- Powered by (1) QSC EX-1250 power amplifier
- 275 watts RMS per channel

#### Rear of House

- Speakers assigned as available
- QSC EX-1250 power amplifier located in sound booth
- 275-400 watts RMS per channel

### HOUSE MIX LOCATION

Rear of Loge seating level 54' from the Plaster Line. The booth is under the Light Booth overhang but, while the engineer is seated, the line of sound is not obstructed. Booth size is 7' deep, 7' wide with a 3' 5" wall. The built in table is 27" high. The wall and/or the built in table cannot be removed.

### HOUSE MIC LINES

50 Microphone lines available on stage and in the attic. First 40 lines also terminate stage right.

### HOUSE PLAYBACK AND RECORDING EQUIPMENT

- (2) Numark MP102 MP3/CD players
- Tascam MD-301 minidisc deck

### HOUSE INTERCOM

Is all Clear-Com

- (1) LBPAC 2 Channel RBA Clear Com Power Supply
- (7) model 501 single channel belt packs
- (1) model 502 dual channel belt packs
- (6) single muff headsets
- (2) double muff headsets
- (2) wireless headsets (single channel, same channel)

### PAGE AND CUE SYSTEM

Controlled from Stage Left, a Stage Manager page and program feed is sent to all dressing rooms and hallways.

### VIDEO REINFORCEMENT

Equipment for video enhancement and effects are not part of our inventory. This includes projectors, projection screens, cameras, switching devices, and the like. All required video must be brought in from outside vendor(s).

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### BACKSTAGE INFORMATION

#### DRESSING ROOMS

##### Star Dressing Rooms

The Star Dressing Rooms are five Private Rooms, Star 1-2 on stage level, Star 3-5 are located one floor below the stage on the Stage Left side. Rooms 1, 3, 4 and 5 each have a private toilet and shower. Star Room 2 (stage level) is wheelchair accessible and also has a toilet and separate shower stall.

##### Chorus Dressing Rooms

Two chorus rooms each designated as "men's chorus" or "womens chorus" are located one floor below the stage on the Stage Left side (adjacent to the star rooms 3-5). Access is by stairs USL. The Terrace Theater freight elevator also services this area for costumes, etc.

- **Men's Chorus** Accommodations for 9 persons with 4 washbasins and 2 showers.
- **Women's Chorus** Accommodations for 11 persons with 4 washbasins and 2 showers.

##### Green Room

The Green Room is located in the Terrace Theater area. Please call for details and availability for use.

##### Other Dressing Rooms

There are two (2) large chorus rooms connected to the Terrace Theater. If the Terrace Theater is not in use, these rooms may be made available. Please call for more info.

#### PRODUCTION OFFICES

There are no designated production offices available for use. Please use the listed dressing rooms or green room. Please call for info.

#### WARDROBE ROOM

There is one (1) wardrobe room for the Center Theater located near the dressing rooms one floor below the stage. The room has one (1) washer and one (1) 220v dryer. There is workspace in this room.

#### INTERNET ACCESS

Wireless internet service is available through Smart City, our in-house provider. This service is available in the Center Theater Lobby, house, backstage, and dressing room areas. This service for Attendees is 256k/512k down. Please call for current rates. It is recommended that advanced internet requirements seek wired alternatives. There are several locations throughout the theater for a wired connection. To discuss your needs and associated costs, please contact the **Smart City Service Desk at (562) 499-7643**.

#### TELEPHONE LINES

Telephone lines can be run to almost any dressing room, production office, lobby, or stage location. This service is through our in-house provider Smart City. To discuss your needs and associated costs, please contact the **Smart City Service Desk at (562) 499-7643**.

#### HOUSE SEAT REMOVAL

House seats can be removed at the permittee's request. There will be a charge for each seat removed. This charge will cover the removal, storage, restore and possible damage to the seats. Please call for current charge.

#### VOMITORIUM AKA "VOMS"

A unique feature within the Center Theater, the Vomitorium, referred to as the "Voms", is an area located under the seating which forms a full pass through from either side of the stage and lets out at the Semi-permanent Steeldeck stage level. The Voms are often used for a Crossover or for Stage entrance and exit purposes.