

# **BlackRock Center for the Arts –**

## ***Technical Specifications***

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## **MAINSTAGE THEATER**

### **Loading Entrance Information**

The loading dock for the main theater is located 40 ft. off stage right. There is room for only one truck. THE DOCK IS GROUND HEIGHT. A RAMP IS REQUIRED.

### **Seating capacity**

The Mainstage Theater is a proscenium theater, with 209 seats total. There are 154 seats in the orchestra (with 20 seats in the rear Box seat location), and 55 seats in the balcony. During events utilizing the full concert sound system, 4 seats will be removed to facilitate a Front of House sound mixing position from the up house box. Other seat kills may occur to facilitate various needs of the production (projectors, microphone and/or camera placement)

### **STAGE INFORMATION**

The stage floor surface is fir, stained a dark walnut. The floor is suitable for dance, being a double sprung “basket-weave” construction.

#### **Dimensions:**

Depth of stage from upstage wall to proscenium line 14’-0”

Plus thrust 8’-0” = 22’-0” total

Thrust width at its narrowest point downstage is 8’-2”

Thrust width at its widest point upstage is 24’-6”

Stage Width at proscenium arch 30’-0”

Wing space (each side) 12’-0”

Deck Height 3’-0”

Proscenium Height 20’-0”

Cyc is 20’-0” High by 40’-0” long

Each leg is 20X10 (with a two foot onstage fold back)

There are 11 pipes dead-hung onstage

- |         |  |
|---------|--|
| Line 1  | Main Teaser with 50% fullness (“Grape” Heavy Velour)         |
| Line 2  | Main Drape/Traveler with 50% fullness (“Grape” Heavy Velour) |
| Line 3  | 1 <sup>st</sup> Electric                                     |
| Line 4  | 2 <sup>nd</sup> Electric                                     |
| Line 5  | Teaser (Black Velour, no fullness)                           |
| Line 6  | Leg (Black Velour, no fullness)                              |
| Line 7  | 3 <sup>rd</sup> Electric                                     |
| Line 8  | Teaser (Black Velour, no fullness)                           |
| Line 9  | Cyc Electric   |
| Line 10 | Traveler (Black Velour with 50% fullness)                    |
| Line 11 | White Cyc (seamless muslin)                                  |

## **ELECTRICAL INFORMATION**

The Mainstage Theatre uses a permanent “house plot” for the stage lights, using color designed for most events. Additional special lights may be hung and color changed depending upon the needs of an event. All control for the stage lights is from the control booth, located on upper left of the house balcony. A drawing of the lighting system or “plot” is available in CAD format or jpeg format—just ask.

### **Elevations:**

Front of House Rail 26'-0" above stage

On-stage Electrics 20'-0" above stage

Pin-rail pipes; (top) 20'-0" above stage, (bottom) 18'-06" above stage

### **Power Distribution**

100 amp 3-phase On-stage SL & SR

400 amp 3-phase onstage available (special “bus & truck” water proof connection required)

Four 20-amp wall receptacles on stage

### **Control**

ETC Express 24/48, DMX control signal, 96 channels

• 192 – 2.4k 20 amp dimmers

(all dimmers are ETC sensor racks with D-20 modules)

DMX control outputs for effects (e.g. color changers or scrollers) are located onstage, at the pin-rails, and in the Front of House Balcony positions. Ask the Technical Director if you need more information.

### **Circuit Location**

1-96 FOH Pipe

97-133 SR Pinrail (socaplex w/ breakouts)

134-170 SL Pinrail (socaplex w/ breakouts)

171-176 Onstage Right

177-182 Onstage Left

183-184 Balcony (5k)

185-192 House Lights

All circuits terminate with stage-pin (2PnG) connectors. Socaplex extenders, stage-pin breakouts, cables and ‘two-fers’ of numerous lengths are available to run to the appropriate locations.

### **Lighting Equipment Inventory**

A supply of Source 4 Junior 26, 36 and 50 degree instruments lamped at 575 watts, plus Source 4 PAR lamped at 575 watts, and Altman 8 inch Fresnels lamped at 1000watts are available. Much is used in the reparatory light plot, but additional is available. Ask the Technical Director for information as to what is currently available.

A copy of the scale light plot is available in CAD format (.dxf, .dwg) and Vectorworks (.mcd—versions 8 through 10.5)

Irises, color frames, “top hats”, barndoors and template holders are available.

Ladders, stage booms (max. height 12 feet) and a 25-foot Genie Personal Lift are also available.

## **SOUND/AV INFORMATION**

The Mainstage Theater is outfitted with a permanently installed system intended for music playback and light public address work. The system is controlled from the lighting booth, but there is the option of moving the position to Front of House orchestra level, usually for concerts. This system is a Mackie 1604VLZ 16-channel mixer, with a Tascam CD-222 CD/Tape deck for playback and recording. Mic/line inputs and speaker outputs are available at multiple points on stage. A DBX 480 DriveRack is supplied for both Front of House and stage monitor equalization. The stereo main speakers are two (2) JBL MS28's mounted within the proscenium, amplified by a Crown CE 2000. For the stage monitors there is a Crown CTs 4200 four-channel amplifier.

Larger, more complex concerts can also be accomplished in the Mainstage Theater. A 32 channel Soundcraft Series Two sound is used, along with a variety of EAW speakers and additional Crown amps. Contact the Technical Director to discuss your specific needs.

A Clear-Com intercom system is available, with headset locations available downstage right and left, at the Front of House sound mixing position, and in the booth. Additional stations are in each of the backstage dressing rooms. Performance program speakers are located in the Green Room area.

BlackRock is stocked with a wide variety of microphones (wired and wireless), cables and stands. Music stands and lights, a lectern, overhead and video projectors, acoustic and digital pianos are also available—just ask.

*Additional equipment may be available—please inquire.*

### **Dressing Rooms**

Two dressing rooms are located behind the theatre, and are shared with the outdoor theater. These rooms are accessible through doors located upstage left and upstage right. All rooms are equipped with mirrors, chairs and clothes hanging hooks. Rooms can accommodate 10 to 15 people each. Right next to these rooms is a shower with handicap access and two unisex restrooms not accessible by the public. Two additional dressing rooms, toilets and a shower (for the Dance Theatre) are located on the other side of the building and may be available upon advance request. Two “Z-Rack” rolling costume racks are available, as is an iron and ironing board. There are no laundry facilities at BlackRock, but the nearest laundromat is just a few minutes away, and directions are available.