



MAINSTAGE THEATER

Technical Specifications

Director of Operations: Michael Sickles

Office: (240) 912-1069

Fax: (301) 528-2266

Email: msickles@blackrockcenter.org

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 225 seats total. There are 170 seats in the orchestra (with 20 seats in the rear Box seat location, 4 seats as temporary), and 55 seats in the balcony. During events utilizing the full concert sound system, four seats will be removed to facilitate a Front of House sound mixing position from the up house box. If other seat kills may occur to facilitate various needs of the production (projectors, microphone and/or camera placement) please let the box office know at 240-912-1058.

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”

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 st Electric
Line 4	2 nd Electric
Line 5	Teaser (Black Velour, no fullness)

Line 6	Leg (Black Velour, no fullness)
Line 7	3 rd Electric
Line 8	Teaser (Black Velour, no fullness)
Line 9	Traveler (Black Velour with 50% fullness)
Line 10	Cyc Electric
Line 11	White Cyc (seamless muslin)

ELECTRICAL INFORMATION

The Mainstage Theatre uses a rep house plot for the stage lights, using color designed for most events. Additional special lights may be hung and color changed depending upon written request. Stage lights are controlled from booth, located on upper left of the house balcony. A drawing of the lighting system or plot is available in pdf format.

Elevations:

- Front of House Rail 26'-0" above stage
- On-stage Electrics 20'-0" 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. Please 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

The house plot is based on the following equipment. Not all the equipment in the inventory is used in the plot, and additional equipment beyond the plot may be available—please ask technical director for more information.

- 25 – ETC Source 4 Jr. 26 Degree 575w
- 35- ETC Source 4 Jr. 36 Degree 575w

- 4- ETC Source 4 Jr. 50 Degree 575w
- 15 – ETC Source 4 19 Degree 575w
- 39- ETC Source 4 Par 575w
- 3 – Par 64 1000w Wide Flood
- 5 – 3 cell Cyc 1000w
- 6 – Single Cell Cyc 1000w

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

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

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:

- Mackie 1604VLZ 16-channel mixer,
- Tascam CD-222 CD/Tape deck for playback and recording.
- Mic/line inputs and speaker outputs are available at multiple points on stage.
- DBX 480 DriveRack is supplied for both Front of House and stage monitor equalization.
- Stereo main speakers are two (2) JBL MS28’s mounted within the proscenium, amplified by a Crown CE 2000.
- Stage monitors there is a Crown CTs 4200 four-channel amplifier.

Larger, more complex concerts can also be accomplished in the Mainstage Theater.

- 32 channel Soundcraft Series Two along with a series of powered QSC speakers. Please 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 subject to availability.

- 1 Sennhieser e865
- 1 AT 4040
- 3 Sennhieser FP 12b wireless lav set
- 1 Shur A2WS
- 5 Shure 57
- 2 Shure Beta 58
- 1 Sure Beta 87a
- 2 Shure Beca 87c
- 3 Sennheiser MD 421

- 2 Shure SM-81
- 1 Blueball
- 1 Beta 91
- 2 AT 8532 lav
- 1 Sennheiser E609
- Music stands and lights, a lectern, overhead and video projectors, acoustic and digital pianos are also available.

Additional equipment may be available—please inquire.

Dressing Rooms

Two dressing rooms are located behind the theatre, are sometimes shared with the outdoor theatre. 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 Studio 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. Dressing room number two is also used by the facility for laundry and linen storage.