



# HARBOURFRONT THEATRE

Our Theatre, Your Theatre.

## HARBOURFRONT THEATRE TECHNICAL SPECIFICATION

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### ADDRESS

#### Harbourfront Theatre

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### THEATRE STAFF

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### SEATING CAPACITY

520

## GENERAL

The Harbourfront Theatre is a fully equipped performance space in a proscenium orientation. See detailed floor plans for more information.

## STAGE HOUSE RIGGING SYSTEM

Type:	Single purchase counterweight system		
Line Sets:	20 counterweight sets at various centers (see stage fly assignments PDF)		
	Line-Sets are operated from the stage deck and fly gallery (Stage Left)		
	1" counterweights	=	23 LBS
	2" counterweights	=	46 LBS
	Maximum load per line set	=	1200 LBS
	Maximum load per lead cable	=	240 LBS
Stage Size:	Stage depth	=	29'2" at Center Stage Thrust 24' on L/R Wings 26'2" at Front Lip
	Stage Width	=	61'
	Proscenium Opening	=	40' wide x 18' high

## STAGE EQUIPMENT

Heintzman 6' Grand Piano. For user fee and tuning costs contact the Technical Director.

Stage Risers:	4' W x 8' L	-	5	(w/ 12", 18" or 24" legs & skirting)
	8' W x 8' L x 20" H	-	1	(primary drum riser, wooden construction)

Ladders:	1 x 32' extension
	1 x 11' extension
	1 x 20' step ladder
	2 x 6' step ladder
	2 x 8' step ladder
	1 x 10' step ladder

Motorized Lift: Genie AWP-30S Single Man Lift

Music Stands: 4 – Single Wide Manhasset

3 – Dual Wide Manhasset

Music Stand Lights: 12

Chairs:	Blue Plastic Stackable Chairs	Qty	32*
	Armless Wooden Stage Chairs	Qty	6
Bar Stools:	30" High (black)	Qty	6
Podiums:	Lecturn (black)	Qty	2

Note: \*125 stackable chairs in white may be available with advance notice. Contact the Technical Director for more details

## **SOFT GOODS**

Current soft goods inventory includes:

- Main curtain (Blue)
- Back curtain (black velour)
- Mid-Stage curtain (black velour)
- Mid Stage Scrim Black
- 5 Sets of Legs (10 total) each measuring 20' x 8'
- 5 Black Velour Border each measuring 48' by 96" high
- Cyclorama 48' x 20'

## **ORCHESTRA PIT**

The Harbourfront Theatre does not have a dedicated orchestra pit. House seats can be removed (which reduces the available number of seats for sale) on stage right to accommodate small orchestra sections. Please contact the Technical Director regarding this.



## **BACKSTAGE & LOADING DOCK**

Backstage areas include the stage door, loading dock, service hallway, access to the dressing rooms and upstairs access to the kitchen and green room. Entrance to the backstage area is either via the stage door (secured during events), side hallway (keypad entry) or off the back of the stage.

### **Loading Dock**

Truck level loading is available through a standard roll door measuring 8' x 8'



**Stage Door & loading dock**



**Stage Right**



**Roll Door to Stage**

## DRESSING ROOMS

We have three (3) dressing rooms available for touring use.

All dressing rooms have:

- A. Lockable doors
- B. Public Wi-Fi access
- C. Ventilation systems
- D. Illuminated mirrors
- E. Costume/Clothing Racks
- F. Access to electrical outlets
- G. Program sound from the production booth (each dressing room has an independent volume control to turn this feed on or off)

### Dressing Room # 1

- a. The largest dressing room measuring 18' x 18'
- b. Features two (2) showers, (2) sinks, and (2) toilets
- c. Accommodates 14 people seated at mirror stations

### Dressing Room # 2

- a. Medium size dressing room measuring 10' x 16'
- b. Features (1) shower, (1) sink and (1) toilet
- c. Accommodates 7 people seated at mirror stations

### Dressing Room # 3

- d. The smallest dressing room measuring 9' x 7'
- e. Features (1) shower, (1) sink and (1) toilet
- f. Accommodates 3 people seated at mirror stations

## GREEN ROOM

Located on the upper level backstage, the green room is available for touring use. It measures 29' x 17' and includes access to kitchen and laundry facilities as well as Wi-Fi access.

## KITCHEN /LAUNDRY FACILITIES

Located upstairs backstage, the kitchen and laundry areas are available for touring use. The kitchen can be used to prepare basic meals or to provide warming and cold storage.

*Please note...We do not have any in house catering facilities. Contact the theatre staff for information on outside catering services.*

The kitchen features a standard fridge and stove as well as other regular amenities such as coffee maker, kettle, microwave and utensils. The kitchen also boasts a dining room table and chairs.

The laundry facilities include a basic washer and dryer as well as ironing board, iron and clothes steamer.

Assorted towels (hand and bath) are available for use while in the building.

# ELECTRICS

## Guest Power / In House Switches

- Stage Right
  - 4 x 20A Household Connections
  - 1 x 100A 3 Phase Disconnect CAMLOCK
  - 1 x 50A Stove Plug
- Loading Bay
  - 1 x 100A 3 Phase Disconnect CAMLOCK
  - 1 x 50A Stove Plug

# THEATRICAL LIGHTING, DIMMING & CONTROL

## Control Console:

- ETC ION with 2 x 20 Fader Wing

## Dimming System:

- ETC Sensor Rack with Unison Control
- Total Number of Dimmers 120
- Total Number Available for Touring Use 114 (6 reserved for house lighting)
  - SR12 Rack 24 x 20A Dimmer Modules
  - SR48 Rack 96 x 20A Dimmer Modules

## Net 3 Ports available:

- A. Up Stage Left
- B. Up Stage Right
- C. Down Stage Left
- D. Down Stage Right
- E. Production Booth
- F. LX # 1
- G. LX # 2
- H. LX # 3
- I. LX # 4
- J. Catwalk
- K. House Left Juliette Balcony
- L. House Right Juliette Balcony

## Notes:

- \*all circuits are distributed via 20A Twist Lock receptacles
- \*6 channel SOCAPEX cables and breakouts are available for touring use
- \*see lighting plot for circuit identification and location

# THEATRICAL LIGHTING FIXTURES

## Follow Spots

- Altman 1000Q – 1000W Qty 1

## Ellipsoidal

- ETC Source 4 – 19 Degree Qty 15
- ETC Source 4 – 26 Degree Qty 15
- ETC Source 4 – 36 Degree Qty 32
- ETC Source 4 – 50 Degree Qty 8

<ul style="list-style-type: none"> <li>• ETC Color source Jr LED Zoom (FOH)</li> </ul>	Qty	10
<b>Fresnel</b>		
<ul style="list-style-type: none"> <li>• STRAND 6" Fresnel- 1000W</li> <li>• ETC Color Source V 8"</li> </ul>	Qty	18
		9
<b>Par Fixtures</b>		
<ul style="list-style-type: none"> <li>• PAR 64 Medium Flood – 1000W</li> </ul>	Qty	20
<b>Cyclorama Lighting</b>		
<ul style="list-style-type: none"> <li>• ETC Source 4 LED Lustre+ w/ CYC Adapter</li> </ul>	Qty	7
<b>Moving Heads</b>		
<ul style="list-style-type: none"> <li>• MARTIN MAC350 Entour LED Profile</li> <li>• CHAUVET QWASH 360Z LED Wash</li> <li>• ADJ VIZI HEX WASH 7 Wash/Beam</li> </ul>	Qty	8
		6
		8

*\*assorted gobo holders, gobos, LEE & ROSCO gel available. Contact the Technical Director for specific requirements.*

## AUDIO SYSTEMS

### FOH Console:

DiGiCo SD12                                        48 Inputs & 16 Outputs on dedicated D2 Rack (via BNC)

Dedicated CAT5E tie lines are located in the production booth for touring use. Terminated DSL & DSR. Dedicated copper 40 channel snake & 8 channel return snake runs to FOH production booth from DSR for touring use.

### Main System Details:

There is a dedicated live mix position in the production booth.

### The house speaker system is comprised of the following:

FULCRUM ACOUSTIC	FA28 (3 boxes total configured in a LEFT/CENTER/RIGHT arrangement)
FULCRUM ACOUSTIC	TS212 (2 boxes total – mid bass)
EAW	SB250 (2 boxes total – subwoofer)
House Amplifiers	QSC (RMX, MX & EX Series)
House Processing:	BSS London BLU100 (configured for stereo 3 way operation)

Available Lip Fills:

2	-	EAW JF80	Only used when needed. Not permanently installed.
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### On Stage Monitor System:

#### Monitor Console:

DiGiCo SD12                                        48 Inputs & 16 Outputs on dedicated D2 Rack (via BNC)

#### Monitor Loudspeakers:

8                                        -                                        JBL VRX915M

## Monitor Amplifiers:

2 - Crown Drive-Core CDi 4/1200

50 Channel Microphone Split - DSR near monitor position  
# of possible monitor mixes - 8

*(4) JBL SRX812P and (2) JBL SRX818SP powered speakers are also available for 4 additional mixes, side fills or drum blows etc.*

## Available Wireless In-Ear Monitor System:

4 - Shure PSM900 (No Buds Included)

## MICROPHONES, STANDS & DI BOXES

### Microphone Inventory Includes:

• SHURE SM58	Qty	4
• SHURE SM58S	Qty	1
• SHURE SM57	Qty	4
• SHURE BETA 58	Qty	6
• SHURE BETA 57	Qty	4
• SHURE SM81	Qty	2
• SHURE BETA 52	Qty	1
• SHURE BETA 91	Qty	1
• SHURE KSM27	Qty	1
• SENNHEISER MD504	Qty	2
• SENNHEISER E604	Qty	2
• SENNHEISER E900	Qty	4
• SENNHEISER MD421	Qty	1
• AKG SE300B/CK91	Qty	2
• EV ND408	Qty	2

### Wireless Microphone Inventory Includes:

• SHURE UHFR Wireless Body Pack Systems	Qty	20
• SHURE UHFR Wireless BETA58 (6) or BETA87 (4) Handheld Systems	Qty	6

***Note: only 20 channels of UHFR can be operated simultaneously with current inventory***

### DI Box Inventory Includes:

• RADIAL J48	Qty	4
• Radial J48 Stereo	Qty	2
• Radial Passive	Qty	4
• COUNTRYMAN Type 85	Qty	3
• DBX DB10	Qty	2
• KLARK TEKNIK LBB100	Qty	4

Assorted K&M Tripod (short and tall with boom) and round base stands

## CLEAR-COM

Both Wired (6) & Wireless (5) Available



Wired Com Locations (1 channel) Available in The Following Areas:

- a) Stage Left
- b) Stage Right
- c) Side Stage Tech Room
- d) Production Booth
  - a. Stage Managers Position (Control Console)
  - b. Lighting Position
  - c. Sound Position
- e) Kitchen / Green Room (Speaker Station – KB112 Clear-COM)
- f) Catwalk (x2) – located at the two (2) follow spot positions

6 Wired Body Packs - Clear-COM

5 Wireless Body Packs - Clear-COM

Program sound available to all areas of the theatre

RF Hearing Assistance System (Listen Technologies) with 6 Belt Packs & Headsets (Available from FOH Staff)

## VIDEO SYSTEM

The Harbourfront Theatre has an in-house video projection system for touring use. Additional charges may apply. See the Technical Director for details. It is used at the start of every show for upcoming show information.

The projection screen (11'x19' Front Projection Screen) takes up a theatre fly position Down Stage. It is fed a video signal (DVI over HD-BaseT) from the production booth presentation switcher (Hall Research SC-12BT).

The Projector (Christie Digital LX605) is mounted below the FOH catwalk. Rated output is 6000 Lumens

Multiple inputs are available into the switcher

1. VGA located on stage right.
2. VGA, COMPONENT or HDMI located in the production booth
3. HDMI over Cat5e available if needed

## IN HOUSE BACKLINE EQUIPMENT

The following backline equipment is available for touring use. Additional charges may apply. See Technical Director for availability.

- ROLAND RD-700NX
  - Padded Keyboard Bench (adjustable)
  - Damper Pedal
- ROLAND RD-600
- AMPEG SVT-810E
- AMPEG SVT3-PRO
- FENDER DEVILLE 4 x 10
- FENDER DEVILLE 2 x 12
- YAMAHA STAGE CUSTOM KIT
  - 7 Piece Kit (with all hardware)
  - Raven Black
- Assorted stands (including keyboard, guitar and music stands)

- X-brace keyboard stands
- Platform keyboard stands
- Double tier keyboard stands
- Single guitar stands
- Dual guitar stands
- Guitar rack stand (holds 6)

## **STAGE CREW**

The Harbourfront Theatre operates with an on call roster of technicians represented by I.A.T.S.E. Local 906A. The theatre will supply house and additional crew required for load-in, performance and load-out. All crew requests should be discussed with the Technical Director well in advance of your event.

There is a minimum 4 Hour Call with meal breaks scheduled at not more than 5 hour intervals. Crew show calls are 1 hour before show time and the house typically opens 30 minutes prior to show. Exceptions may be made as required.

The number of crew required and the scheduling of their time is at the discretion of the Technical Director and will be decided after preliminary discussions with the renter or the renter's representative to ensure safe, efficient procedures are in place at all times. All work on stage must comply with current safety regulations.

Harbourfront crew will consist of 1 Electrician, 1 Audio and 1 Stagehand with all other positions being extra if required. Calls are subject to change should the technical requirements for a particular production require so. Lighting, Sound, Flying and other equipment normally assigned to the stage is at the disposal of the renter but must be handled and operated under the supervision of a Harbourfront Theatre stage crew employee. There is to be no one in the theatre unless a Harbourfront Theatre representative is present.