



# Adrienne Arsht Center

for the Performing Arts  
of Miami-Dade County

## Carnival Studio Theater

Technical Specifications



Photo by Robin Hill

## Address & Telephone Information

1300 Biscayne Boulevard  
Miami, FL 33132

Main: 786-468-2000  
Fax: 786-468-2004  
Box Office: 305-949-6722  
Security/Stage Door: 786-468-2081

### Production Department

<b>Director of Production</b>	Christy Havard	(914) 419-9646 <a href="mailto:chavard@arshtcenter.org">chavard@arshtcenter.org</a>
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<b>Production Manager</b>	Kristen Pieski	(330) 524-6683 <a href="mailto:kpieski@arshtcenter.org">kpieski@arshtcenter.org</a>
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### House Crew

<b>Head Electrician</b>	Quintin Pinder	(305) 979-9020 <a href="mailto:qpinder@arshtcenter.org">qpinder@arshtcenter.org</a>
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<b>Head Carpenter</b>	Teshunko Hillson	(305) 370-9508 <a href="mailto:thillson@arshtcenter.org">thillson@arshtcenter.org</a>
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<b>Head Audio</b>	Alejandro Lista	(786) 975-8915 <a href="mailto:alista@arshtcenter.org">alista@arshtcenter.org</a>
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## **Carnival Studio Theater**

The Carnival Studio Theater (CST) is the Center's most versatile space. The 60' x 70' flexible black box has an aircraft cable grid suspended at approximately 21' above the deck, which provides access to rigging/hanging points and lighting positions. The CST hosts theater and dance productions from around the world, and perhaps most importantly, it gives local artists a first-class venue where their work can be developed, tested and exhibited to a wide audience.

**\*\*Please Reference: [CST Ground & Lighting Plan](#)**

## **Labor**

The Center holds a collective bargaining agreement with the International Alliance of Theatrical Stage Employees (I.A.T.S.E). CST Department Heads (3) and any additional stagehands called to work in the theater are members of I.A.T.S.E. Local 500. House equipment, including but not limited to personnel lifts, lighting consoles, sound consoles, stage lifts, fly systems and canopies will be operated by an Arsht Center Department Head or a stagehand designated by the venue Steward.

## Fire Safety

City of Miami Fire Rescue Inspectors are contracted for any performance or event that uses open flame, smoke, haze or pyrotechnic effects. **Fire Watch requests should be provided as part of the advance, and should be submitted to Production *no later than four (4) weeks before the date of the event.*** **There is a 4-hour minimum at the rate of \$70 per hour**

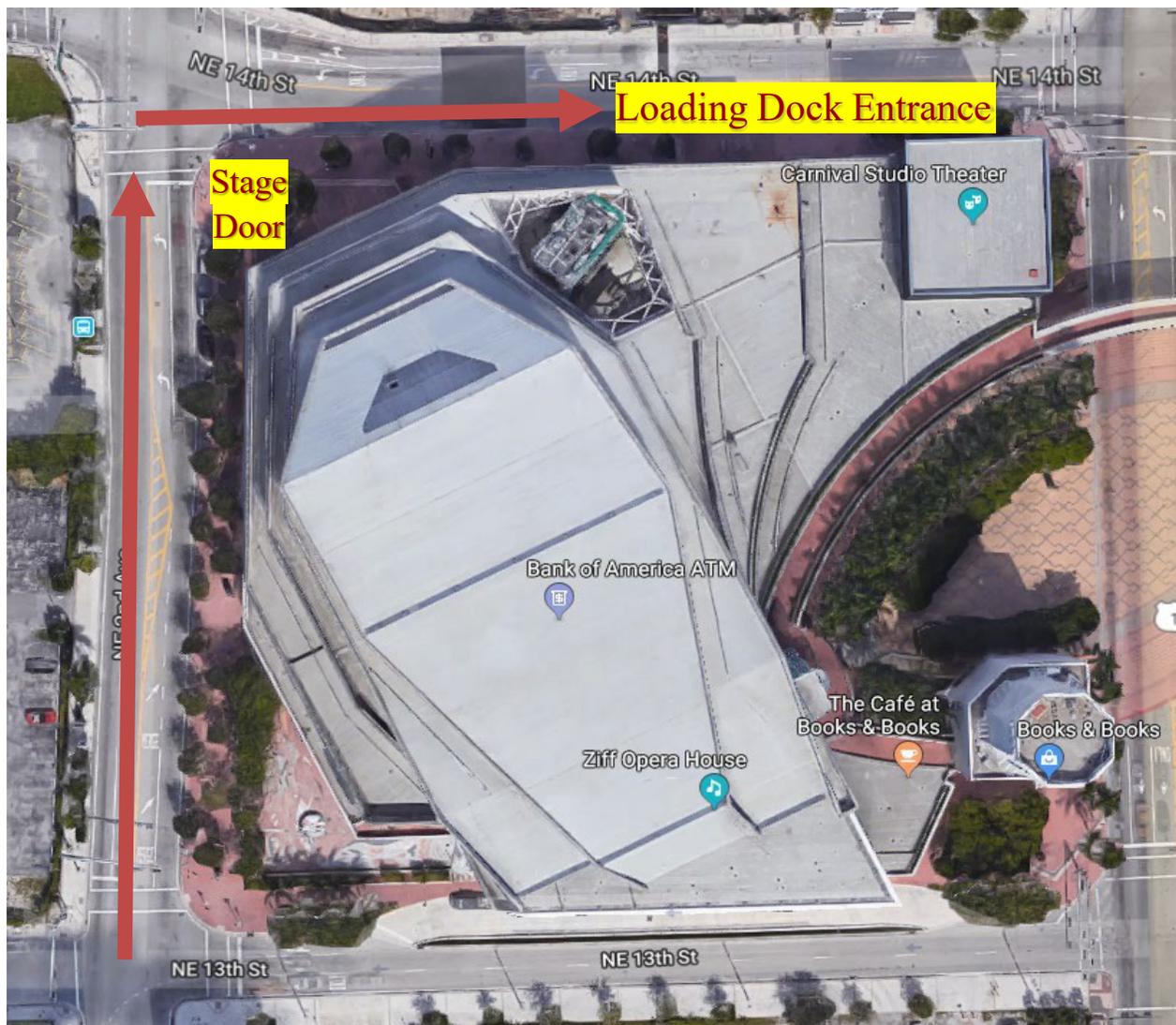
## Seating

Telescopic seating risers enable presenters to create varying theater or cabaret seating configurations with a seating capacity of up to 225. These include proscenium, alley, thrust and arena style seating arrangements.

**\*\* Please Reference: [Various Riser Arrangements with Measurements](#)**

## Loading Dock

The entrance to the loading dock is located on Northeast 14<sup>th</sup> Street between Biscayne Boulevard and Northeast 2<sup>nd</sup> Ave. Trucks should approach the docks coming from Northeast 2<sup>nd</sup> Ave to turn eastbound onto Northeast 14<sup>th</sup> street.



There is a small, gated dock that leads directly to the Carnival Studio Theatre and can accommodate no more than a 20ft truck or trailer. However, there are 4 additional bays that can accommodate full-sized 53’ trailers located in the same venue. These bays can be reserved upon request, subject to availability based on scheduled performances in the Ziff Ballet Opera House. All the loading bay doors in the building are fully sheltered from the weather and are level with the dock’s height.

***Please Note: Venue does not own any forklifts.***



## Bucket & Scissor Lifts

**Please Note: These lifts are shared amongst all stages on campus. If needed, please confirm scheduling and intended use with your Technical Director in advance.**

Quantity	Description
1	40’ Genie AWP-40S Single Person lift
1	25’ Genie GS-1930 Scissor lift
1	32’ Sky Jack SJIII4632 Scissor lift

## Stage Door

The Stage Door is located at the intersection of Northeast 2<sup>nd</sup> Avenue and Northeast 14<sup>th</sup> Street. For safety and security of guests and staff, anyone working or visiting the Ziff Ballet Opera House Lynn Wolfson Stage, Carnival Studio Theater or Peacock Foundation Studio is required to check in with Security at this entrance, without exception. Those who do not have proper identification and authorization will be denied entry and asked to leave. Once checked in, you will be allowed entry to the dock.



## Susan Westfall Playwrights Stage

### Dimensions

60' x 70'	Width x Depth
21'	Grid Height
11' 11"	Dock Entry Door Height
11' 11"	Dock Entry Door Width

### Floor

Surface is ¼" Masonite over two layers of ¾" plywood attached to 2"x4" aluminum sleepers over 2" resilient pads and insulation.

### Rigging

We have four (4) ¼ Ton Chain Motors in our inventory available to rent - ***rental fees apply***

Quantity	Description
20	Steel Clamps
5	Aluminum Camps
25	Grid (protectors) Donuts

## Stage Soft Goods

Quantity	Description	Height	Width
9	Velour Legs	19'	10'
1	Velour Bi-Part Traveler	19'	53'
1	Velour Bi-Part Traveler	19'	62'
1	Velour Border	7'	60'
1	Velour Border	4'	34'
2	Velour Border (Red)	4'	60'
1	Velour Border	4'	60"
4	Velour Border	2'	60'
1	Velour Border	19'	36'
1	White Muslin Cyclorama	19'	54'
2	2-Sided Bells (Black)	19'	10'
1	Chain Link Border (Black)	2'	60'
7	Panel Curtains	13'	8'

## Electrical Information

### Show Power Distribution

Quantity	Description
1	200A 5-wire disconnect

## Lighting Information

Quantity	Description
1	Gio5 Silent Console with ETC EOS Motorized Fader 20 Wing
1	ETC Nomad Pucks Mini-Computer with Unlocked Output & Nomad 6144 Output Kit
4	ETC Net3 Two Port gateways: (2) above the grid USR & DSL, (2) located USR & USL. <b><i>All gateways are configured as universe 2 outputs.</i></b>
273	Stage dimmers 2.4k

**\*\* House lights, work lights and non-dims work off of a separate control running Paradigm Lighting with local button controls and touch screens located in the tech gallery and control booth.**

**\*\*Wireless handheld remote via Apple iPad Air & ETC iRFR application.**

## Fixtures

<b>Quantity</b>	<b>Description</b>
12	Chauvet Maverick Storm 2 Profile
19	Chauvet Rouge 2x Wash
20	Chauvet Colorado Solo Bar 6
134	ETC Source 4 LEKO
48	ETC Source 4 PAR
6	ETC Source 4 15°/30° Zoom
6	ETC Source 4 25°/50° Zoom
16	ETC Source 4 50° Lens
12	ETC Source 4 36° Lens
55	ETC Source 4 26° Lens
22	ETC Source 4 19°
1	Chauvet Amhaze Stadium

## Audio Information

### PA System

Quantity	Description
8	Meyer CQ1 full range
2	Meyer PSW-2 subwoofers
Whirlwind Massconter to Batton Patch to XLR Patch in Grid	

### Mixing Consoles

#### Yamaha CL5

Channels	72 mono-channels plus 8 stereo channels (32 + 2 master faders)
Groups	16 MIX (Group/Aux)
Main	Stereo, Mono
Matrix	8
DCV/DVA	8
Line Outputs	16 Omni outputs
EQ Bands	4-band parametric channel EQ, 31-band Graphic EQ, 15-band flex EQ
Effects	Reverbs, delays, modulation, premium rack compressor modeling, etc.

## Mixing Consoles (continued)

### (2) Yamaha Rio 3224-D2

Type	Digital Stage Box Remote Interface
Channels	32 x 16 (analog), 32 x 24 (including AES/EBU)
Output	Main (16 x XLR) Line out
Data I/O	2 x Ethernet (Dante Primary, Secondary)

## PA Signal Processing

Yamaha DME64N digital mixing engine and processor

8	Total inputs
16	Total outputs

## Dynamic Microphones

### Shure

Quantity	Model / Description
3	Beta 58
1	Beta 58 (Switched)
1	Beta 52
6	SM57
1	SM58

## Condenser Microphones

Quantity	Model / Description	Manufacturer
3	Beta 98	Shure
3	SM81	Shure
1	Beta 87	Shure
2	PCC160	Crown

## Other Microphones

Quantity	Model / Description	Manufacturer
4	4088– Head worn	DPA
5	4071– Lavalier	DPA
4	4288 (Brown) – Lavalier	DPA
2	4288 (Black) – Lavalier	DPA
6	4288 (Beige) – Lavalier	DPA
6	MX153c– Ear set	Shure
12	B3 Omnidirectional (Black)	Countryman

**\*\* Please note: B3 Omnidirectional microphones are part of a shared inventory and must be requested in advance. \*\***

## Direct Inputs

Quantity	Model / Description	Manufacturer
4	Active DI Boxes	BSS
1	PCDI – Stereo Passive DI	Whirlwind
3	P6HW Mic Packs (Hard-Wired)	—
3	JDI Mono – Passive DI	Radial
2	JDI Stereo – Passive DI	Radial

## System

Quantity	Model	Manufacturer
5	AD4Q Quad Receivers (16 Total Channels)	Shure
2	AD2/Beta58A Handheld (Transmitters with Beta 58A Capsules)	Shure
21	AD1 Bodypack Transmitters	Shure
2	Shark Fin Antennas	—
1	ULX Antenna Distributor	Shure

## Communications

Quantity	Description
2	Clear-Com System Arcadia X4 80 P
11	Clear-Com Headsets
9	Wired Clear-Coms
9	Wireless Free Speak Belt Pack

## Playback, Recording and Video

Quantity	Description
1	Dante Virtual Sound Card
1	Nuendo 2 Live

## Computer

Quantity	Description
1	Apple iMac running Ventura with 3.4 GHz Intel i7 processor 8gb ram/64gb SSD
2	iPad 3 <sup>rd</sup> Gen

## Sound Design

QLab with pro audio, video, and MIDI licenses

Focusrite Sapphire Pro40 firewire audio interface

Dante Virtual Sound Card

## Assisted Listening Device (Sennheiser Infrared Systems)

Quantity	Description
1	SI1015 Transmitter
2	SZI1015 Emitter
15	HDI830 ASLD

## Additional Equipment

**\*\* All listed below are part of a shared inventory and must be requested in advance. \*\***

Quantity	Description
16	Meyer UPM-1P: For use as monitor, fill, delay, point source, etc.
1	8x7 Black Rug
1	12x12 Black Rug
1	Whirlwind Snake 24 Input Channels with 4 outputs 100ft long
1	Whirlwind Snake 24 Input Channels 25ft
3	TRs ¼'
65	XLR 25"
25	XLR 50"
3	XLR 100"
19	XLR Shorties 3"-15"
8	K&M telescoping boom stands
5	Tall Round Base
3	Tall Heavy Base
1	Short Base with Boom
1	Short Round Base
8	Shortie Round Base
1	Empty Round Base
2	Tall Boom
1	Short Boom Tripod
5	Boom Arm Loose
3	LP drum clips

## Dressing Rooms

Quantity	Description
1	Eight-person dressing room (with sinks, toilets, and showers)
1	Twelve-person dressing room (with sinks, toilets, and showers)