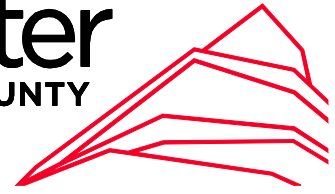


Adrienne Arsht Center

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

Director of Production	Kevin Mynatt	786-468-2308 kmynatt@arshtcenter.org
Production Manager	Chad Eaton	786-468-2305 ceaton@arshtcenter.org
Technical Director	Baron Goodridge	954-995-1229 bgoodridge@arshtcenter.org

House Crew

Head Audio Engineer/Steward	Theodore Woolsey	twoolsey@arshtcenter.org
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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 system 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: [PDF Ground 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 (2) 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

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 2 weeks before the date of the event.***

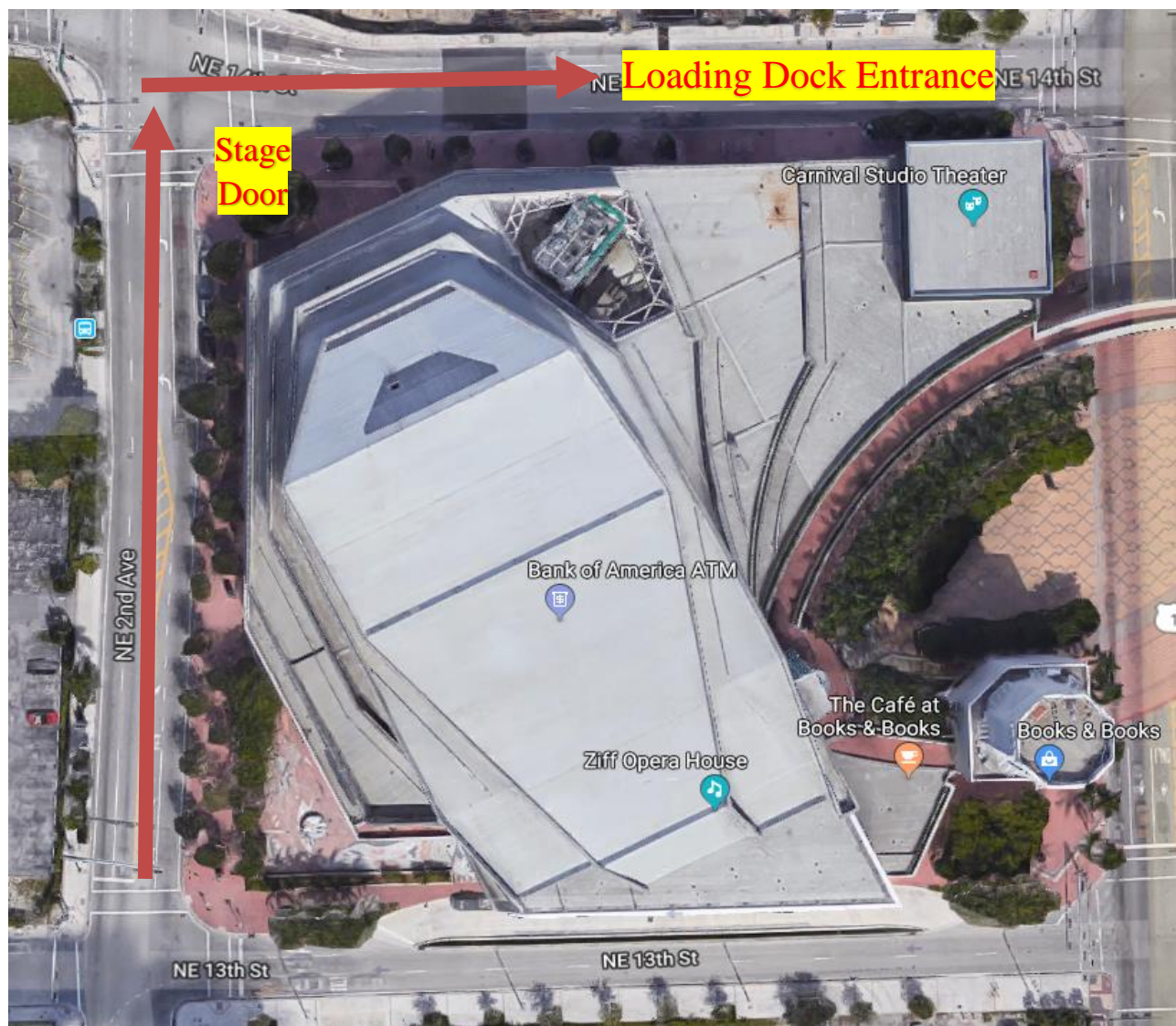
Seating

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: [List of Various Seating Arrangements](#)**

Loading Dock

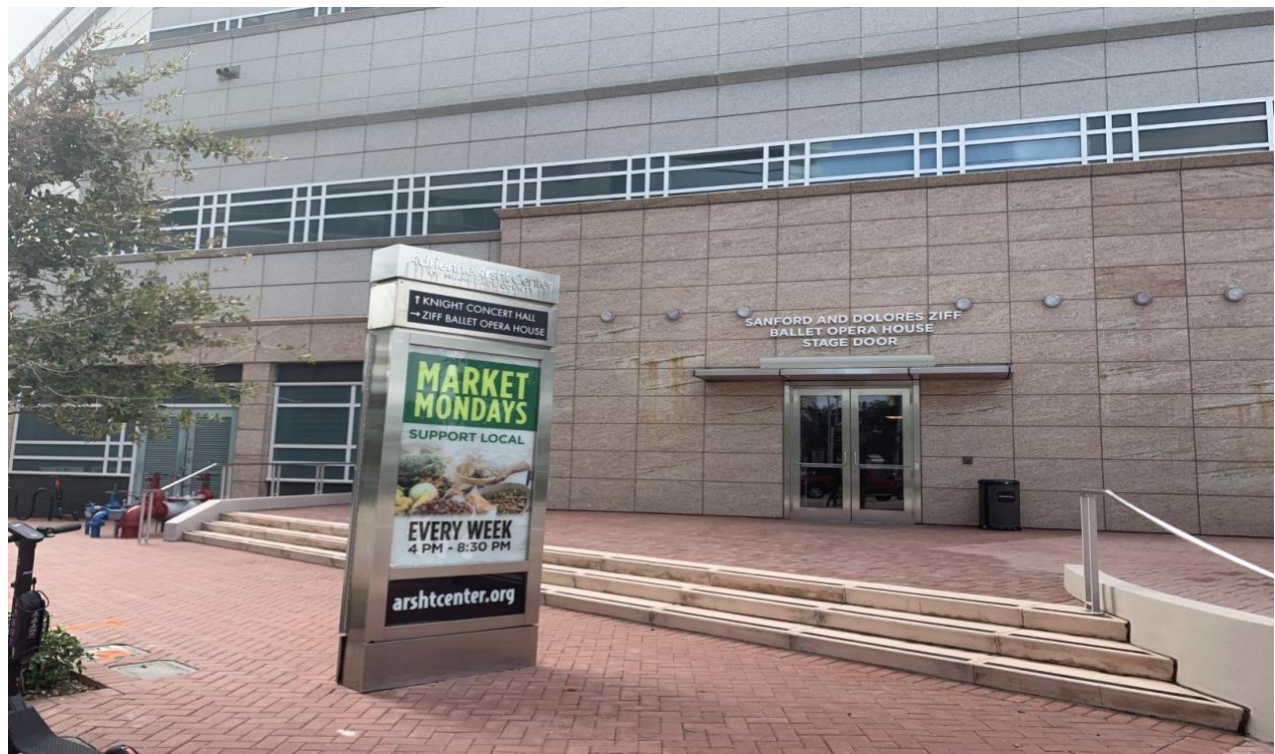
The entrance to the loading dock is located on Northeast 14th Street between Biscayne Boulevard and Northeast 2nd Ave. Trucks should approach the docks coming from Northeast 2nd Ave to turn eastbound onto Northeast 14th street. There is a small gated dock that leads directly to the Carnival Studio Theatre 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 are available upon request pending performances in the Ziff Ballet Opera House; which houses the 4 large bays. All the loading bay doors in the building are fully sheltered from the weather and are level with the dock's height (therefore, no forklift is needed).





Stage Door

The Stage Door is located at the intersection of Northeast 2nd Avenue and Northeast 14th 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 not having 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

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

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 fee applies*

Soft Goods

Quantity	Description	Height	Width
10	Velour legs	19'	10'
1	Velour bi-part traveler	19'	53'
1	Velour bi-part traveler	19'	62'
1	Velour border	8'	60'
1	Velour border	7'	60'
2	Velour border	6'	60'
1	Velour border	4'	34'
2	Velour border (red)	4'	60'
1	Velour border	4'	60"
2	Velour border	2'	60'
1	White muslin cyclorama	19'	54'
1	White muslin cyclorama	19'	62'
1	Sharkstooth scrim (black)	19'	53'
1	Sharkstooth scrim (white)	19'	53'

Electrical Information

Show Power Distribution

- 1 200A 5-wire disconnect

Lighting Information

- 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) Located above the grid USR & DSL, (2) located USR & USL. All gateways are configured as universe 2 outputs.
 - 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

- 12 ETC Source 4 19° @ 750w
- 48 ETC Source 4 26° @ 750w
- 48 ETC Source 4 36° @ 750w
- 16 ETC Source 4 50° @ 750w
- 6 ETC Source 4 15°/30° Zoom @ 750w
- 6 ETC Source 4 25°/50° Zoom @ 750w
- 40 ETC S4 PAR MFL @ 750w
(with WFL, NSP, & VNSP lenses available)
- 8 L&E 65-60 MR16 Ministrip @ 750w (EYC lamps)
- 10 Altman Ground Cyc, 6-section/3-circuit feed thru @ 1000w
- 2 Lycian 1272 Stark Lite II follow spots (rental fee applies)

Accessories

- 16 Wybron 7160 Coloram II Scrollers (7.5")
- 6 ETC 400RS drop in iris for ETC Source 4
- 48 "B" size pattern holder
- 2 ETC Source 4 19° lens tube
- 2 ETC Source 4 26° lens tube
- 2 ETC Source 4 36° lens tube
- 2 ETC Source 4 50° lens tube

Audio Information

PA System

- 4 Meyer CQ1 full range
- 3 Meyer PSW-2 subwoofers

Mixing Console

- 1 [Yamaha CL5](#)

Channels	72 mono-channels plus 8 stereo channels (32 + 2 master faders)
Groups	16 MIX (Group/Aux)
Main	Stereo, Mono
Matrix	8
DCA/VCA	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.

- 2 [Yamaha Rio 3224-D2](#)

Type	Stage Box Remote Interface
Channels	32 x 16 (analog), 32 x 24 (including AES/EBU)
Outputs	Main (16 x XLR) Line out & Digital 4 x XLR (AES/EBU)
Data I/O	2 x Ethernet (Dante Primary, Secondary)

PA Signal Processing

Yamaha DME64N digital mixing engine and processor

- 8 Inputs
- 16 Outputs

Dynamic Microphones

- 4 Shure Beta 58
- 1 Shure Beta 58 switched
- 1 Shure Beta 57
- 1 Shure Beta 52
- 4 Shure SM57

Condenser Microphones

- 3 Shure Beta 98
- 6 Shure WL93 lavalier capsules
- 3 Shure SM81
- 1 Shure Beta 87
- 3 Crown PCC160

Direct Inputs

- 4 BSS active direct input boxes
- 3 Whirlwind PCDI direct input boxes

Wireless System and Microphones

- 4 Shure AD4Q quad channel wireless receivers (16 channels)
- 4 Shure AD2 Beta 58A handheld microphone transmitters
- 16 Shure AD1 transmitter bodypacks
- 8 Countryman Isomax headsets
- 16 DPA 4071 lavalier microphones

Communications

HME System

- 2 DX200 wireless intercom receiver/transmitters
- 8 Wireless belt packs with rechargeable batteries
- 6 Single-muff lightweight headsets

Clear-Com System

- 1 PLPRO MS-232 rack-mountable base
- 3 Clear-Com RS-601 belt packs
- 2 Clear-Com PLPRO KB211 speaker station
- 1 Heavyweight Beyer dynamic single-muff headsets
- 2 Heavyweight Beyer dynamic double-muff headset
- 4 Lightweight Telex single-muff headsets

Playback, Recording and Video

- 1 Tascam DV-RA1000 high definition audio master recorder
- 1 Denon DN680 CD-Player

Computer

- 2 Apple iMac running OSX with 3.4 GHz Intel i7 processor

Sound Design

QLab with pro audio, video, and MIDI licenses
Focusrite Sapphire Pro40 firewire audio interface

Additional Equipment (based on availability, please request in advance)

- 6 Meyer UPM-1P: For use as monitor, fill, delay, point source, etc.

Dressing Rooms

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

Bucket & Scissor Lifts

(These lifts are shared amongst all 3 stages on campus. If needed, please confirm scheduling and use with your Technical Director before load in begins.)

- 2) 40 ' Genie AWP-40S Single Person lift
- 1) 25' Genie GS-1930 Scissor lift
- 1) 32' Sky Jack SJIII4632 Scissor lift