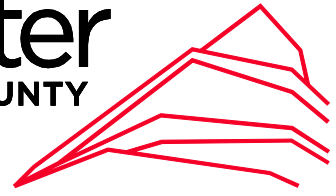# Adrienne Arsht Center
FOR THE PERFORMING ARTS OF MIAMI-DADE COUNTY

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	Christy Havard	(914) 419-9646 chavard@arshtcenter.org
Production Manager	Kristen Pieski	(330) 524-6683 kpieski@arshtcenter.org

House Crew

Head Audio Engineer	Quiana Major	(305)318-0279| Qmajor@arshtcenter.org
Steward/Head Electrician	Iva Mobile	(786)803-6718| imobley@arshtcenter.org
Head Carpenter/Swing Tech	Tommy Kowalski	(954)805-8504	tkowalski@arshtcenter.org

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 four(4) 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).

Dock Gate

Additional Bays

NE 14th Street

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*

20	Steel Clamps
5	Aluminum Clamps
25	Grid (Protectors) Donuts

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"
5	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'
2	2/sided bells (black)	19'	10'
1	Chain link border (black)	5'	22'
7	Panel curtains	13'	8'

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
19   ETC Source 4 19° @ 750w
48   ETC Source 4 26° @ 750w
48   ETC Source 4 36° @ 750w
19   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
1   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

8	Meyer CQ1 full range
2	Meyer PSW-2 subwoofers

Whirlwind Massconter to Batton Patch to XLR Patch in Grid

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	Digital Stage Box Remote Interface
Channels	32 x 16 (analog), 32 x 24 (including AES/EBU)
Outputs	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	Inputs
16	Outputs

Dynamic Microphones

4	Shure Beta 58
1	Shure Beta 58 Switched
1	Shure Beta 52
6	Shure SM57
1	SM 58 MIC

Condenser Microphones

3	Shure Beta 98
3	Shure SM81

1   Shure Beta 87
2   Crown PCC160

Direct Inputs

4   BSS active direct input boxes
1   Whirlwind PCDI direct input boxes
3   P6HW MIC PACKS (HARD WIRED)

Wireless System and Microphones

5   Shure AD4Q quad channel wireless receivers (20 channels)
5   Shure AD2 Beta 58A handheld microphone transmitters
2   Shark Fin Antenna
1   ULX Antenna Distributor
21   Shure AD1 Transmitter Bodypacks
3   DPA 4088
5   DPA 4071 lavalier microphones
6   Shure mx153 c

Communications

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

1   Dante Virtual Sound Card
1   Nuendo 2 Live

Computer

1   Apple iMac running Ventura with 3.4 GHz Intel i7 processor 8gb ram/64gb ssd
2   Ipads 3rd 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)

1   SI1015 Transmitter
2   SZI1015 Emitter
15   HDI830 ASLD

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

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"
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

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