



207 Clemens Center Pkwy

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www.clemenscenter.com

## Clemens Center Powers Theater Technical Specifications

As of 02.17.2020

### Stage Dimensions:

- Proscenium Width 48 ft, height 27 ft.
- Depth: Plaster Line to Back Wall—45 ft. 6 in.  
Plaster Line to Last Line Set—44 ft. 9 in.
- Distance from edge of stage to house curtain line—4 ft. 9 in.
- Height of grid from stage floor—56 ft.
- High trim: 52' -08"
- Width of stage from SL wall to SR locking rail—84 ft. 8 in.
  - Stage Center to SL wall—48 ft 8 in.
  - Stage Center to SR locking rail—36 ft
- Distances from Center Stage on plaster line to:
  - First set of FOH hanging points—7 ft. 4 in.
  - Second set of FOH hanging points—23 ft. 8 in.
  - FOH Lighting Cove—75 ft.
  - Balcony Rail—60 ft.
  - Box Booms—60 ft.
  - FOH mix position—100 ft.
  - Spot Booth—100 ft.
- Loading dock to stage doors are located US left and are 9' wide x 12' high
- Stage Floor is two layers of sub-flooring on neoprene pads covered with tempered masonite, painted black

### Loading Dock:

- Two-bay truck ramp loading on to 26' by 28' indoor loading dock with direct access to stage; freight/ passenger elevator to basement areas.
- Overhead coiling doors are 8' w x 10' h
- Elevator access to basement, floors 1 & 2.  
Door dimensions: 42" W X 84"H  
Inside Car: 61" between doors; 51.5" wall to wall

## Orchestra Pit Dimensions:

- Broadway configuration: 43' x 12'
- Opera Configuration: 43' x 16.5' (requires removal of seats in Rows A and B)
- Pit Lift manufactured by Gala Systems with 4 functional levels  
[storage | orchestra pit | orchestra seating | stage]

## Rigging:

- 58 sets of counter weight lines
- Length of truss battens—56'
- Batten diameter— 1 7/8"
- 5 loft lines per batten
- ~18,800 lbs available weight in 45lb/23lb bricks
- Grid type: walkable steel grid
- Grid pipe is available
- # / location of spotlines/cable picks—SL: 16, SR: 13
- Loading Bridge at 49' 4"
- Locking Rail—SR
- Fly Gallery—SR at 24' and SL at 38.5'
- FOH: 11 Pick Points
- See separate line set schedule

## Draperies:

- Main Curtain | 2 panels - Guillotine only, burgundy/gold trim [Rose Brand I.F.R.]
- 5 pair black legs—12' x 27'
- 5 black borders—50' x 9'
- 2 full stage blacks—50' x 27' (two panels each)
- 1 cyclorama—white—52' x 30'    1 Black Scrim 50' x 30'

## Electrical/Lighting Information:

- 2 Company Switches SL – 5 wire, 3 phase 400 amp per leg
- 1 Audio Company Switch – SL – 5 wire. 3 phase 200 amp per leg
- 1 Stage machinery Switch USR —5 wire, 3 phase 400 amp per leg
- 50 Amp shore power available
- ETC eOS Classic (UPDATED to Version 2.9.3) control console
- 2 x ETC eOS RVI Client terminals
- POE Ethernet distribution network, designed by PRG
- Several ETC Net3 RDM Gateways
- 4 x ETC SR48+ Dimmer Racks-CEM+ Controllers w/ Assorted Modules  
[Used for permanently installed lights as well as configurable circuits]
- 3 Lycian 1290 XLT Follow Spots – 2000W
- Cam locks available
- Emergency Generator for egress lighting and load-out capability without grid power
- Available Circuits:  
DSR: 12 | SR Mid Rail: 18 | USR Wall: 12 | USC Wall: 12 | USL Wall: 12 | DSL: 12 | SL Jump: 36

## Lighting Inventory

- ETC Source Four Lekos (Tungsten) ~ 105
- ETC Source Four LED Series 2 Lustr: 10
  - Lenses for Above Units [Tunsten + LED]
    - 10 Degree: 26
    - 19 Degree: 24
    - 26 Degree: 22
    - 36 Degree: 33
    - LED ONLY Cyc Adaptors: 10
- ETC Color Source Cyc [LED] 10
- ETC Source Four Par: 40 (w/ assorted lenses)
- ETC Source Four ParNEL: 24
- CYC (Tungsten 1000 Watt)
  - 3 Cell: 8
  - Single Cell: 12
- Altman 360Q Elipsoidal
  - 4.5X6.5: 8
  - 6x12: 10
  - 6X9: 24

## Sound System: all audio power provided by dedicated isolation transformer shunted with fire alarms

- Midas M32 Console – 32 Chan.
- Biamp AudiaFlex processing and distribution
- Left-Center-Right flow array's of
  - o Renkus Heinz T12/6 Series speakers
- Renkus Heinz TRX62H Under balcony delay speakers
- 10-Crown Audio CTs-1200 Amplifiers
- Patchbay Stage left for Touring productions independent control of:
  - Left (full or Balcony only)
  - Right (full or Balcony only)
  - Center (full or Balcony only)
  - Under Balcony
  - Dressing Room
  - Hearing assist
- 4 Shure-SM 58 Wireless Handheld or Lavs
- 4-EV SXa100 Powered monitors
- Dressing room monitor system—Paging mic located DSR
- Production Intercom system distributed throughout stage and dressing room areas --Only 1 line available
- Listen Technologies “RF” ADA Hearing assist
- 1 Audio Company Switch – SL – 5 wire. 3 phase 200 amp per leg
- Snake path: Rabbit hole DSL, drops to amp room below and goes through 2 storage rooms beneath audience seating and lastly through a wind tunnel that reaches FOH – 150' cable min. needed

**Additional Audio Inventory:**

**Mics:** PCC Crown 160 x3 | CAD GXL1200 x4 | Hanging Choir Mixs x3 | Shure SM58 wired handheld x2 | Shure Vp88 | Audio Technica handheld | Shure 562 gooseneck x2

**Mic Stands—Boom: 7 Round Base: 3**

**JPC Stereo Computer DI** Isolated inputs/active outputs

**Whirlwind PCUSB-USB DI CD**

**Player**

**Dressing Rooms (All have program feed):**

**Stage Level:**

- Dressing Room A – Star Room  
Lav, Ethernet for internet | also used for production office
- Dressing Room B – Star Room  
Lav, Shower, Ethernet for internet | also used for production office
- Dressing Room C – Double Room Lav, 2 person capacity

**Floor 2:**

- Chorus Room – lav, 6 person capacity

**Floor 3:**

- Chorus Room – lav, 6 person capacity

**Basement Level:**

- Dressing Room 1 – Small Chorus Room Lav, Shower, 6 person capacity
- Dressing Room 2 – Large Chorus Room Lav, 2 showers, 16 person capacity

**Wardrobe & Other Info:**

- Each dressing room has mirrors, makeup counter, and costume rack
- Additional z-racks/rolling racks are available
- 3 steamers available
- 2 irons available
- One washer and dryer set in the basement [top load]
- One stackable washer and dryer set near MH/Kitchen [front load] additional washer and dryer set may be rented at the cost of the producer
- 760 sq. ft wardrobe/laundry room
- 47' x 45' Black Box Theater (Mandeville Hall), when available, for rehearsal/warm up \*\*this hall has a separate tech package\*\*

**Pianos** (Presenter responsible for tuning):

- 1 Steinway 9' Concert Grand
- 1 Upright Conover Cable
- 1 Upright Sohmer – for rehearsals only.

## **Orchestra Equipment:**

- 90 Chairs (more available, different style)
- 80 Music Stands
- 25 Stand Lights
- 1 conductor's podium

## **Miscellaneous:**

- folding tables
  - 4': 1
  - 6': 15
  - 8': 15
- Step ladders: 6'x1, 8'x1, 10'x2, 12'x3
- 30' Genie Lift
- Black/Gray Vinyl [Marley(ay)] Dance Floor – upon request.  
Will incur a charge for set up/tear down.