

# SOTTILE THEATRE TECHNICAL SPECIFICATIONS

## STAGE

### STAGE FLOOR

Material: Polyonyx+® Performance Flooring  
Color: Matte Black

### STAGE DIMENSIONS

Proscenium: 46' 6" W x 26' 11" H  
Grid Height: TBA  
Stage Deck:  
Width: 76' - SR lockrail to SL wall  
Depth: 26' 10" - plaster line to USL wall  
25' - plaster line to US wall at CL  
23' 10-1/2" - plaster line to USR wall  
*US wall is not perpendicular to plaster line*  
Wings:  
SL: 17' - plaster line to SL wall  
SR: 12' 6" - plaster line to SR lockrail  
Apron:  
Width: 49' 5" - in front of proscenium arch  
Depth: 11' 2-1/2" - from plaster line at CL  
TBA - from plaster line at SR and SR  
Pit Cover:  
Width: TBA  
Depth: TBA - from plaster line at CL  
TBA - from plaster line at SR and SR

### ORCHESTRA PIT DIMENSIONS

Width: TBA  
Depth: TBA  
Square footage: TBA  
Height to house floor: TBA  
Height to stage floor: TBA  
Access: 2 DS doors from Trap Room\*

### ORCHESTRA PIT LIFT

SERAPID Automated Lift with Rigid Chain Technology  
Lift Points: TBA  
Control Locations: TBA  
Rated load:  
Static: TBA  
Dynamic: TBA  
Total Travel Distance: TBA  
Playing Positions: Orchestra Pit, House Floor, Stage

## RIGGING SYSTEM

Type: Single Purchase Counterweight  
Lockrail Location: Stage Right Wall  
Linesets: 33 - see lineset schedule for detailed information  
Batten Length: 60'  
Batten Type: 1-1/2" Sch. 40 steel pipe  
Arbor Capacity: 1400 lbs

## SOFT GOODS

### MAIN CURTAIN (two panels)

Type: Guillotine  
Color: Burgundy  
Material: 26oz Prestige Velour  
Size: 41' 6" x 30' (each panel), 100% fullness

### VALENCE

Color: Burgundy  
Material: 26oz Prestige Velour  
Size: 80' x 12', 100% fullness

### MASKING CURTAINS

5 Borders: 60' x 8', no fullness  
8 Legs: 10' x 26', no fullness  
4 Legs: 10' x 24', no fullness

### FULL STAGE BLACK

Type: Guillotine  
Material: Velour  
Size: 27' x 60', no fullness

### CYCLORAMA

Color: White  
Material: Muslin  
Size: 50' x 30'

### SCRIM

Color: Black  
Material: Sawtooth weave  
Size: 60' x 23' 9"

### ADDITIONAL GOODS

4 Stretch Columns  
Color: White  
Material: TBA  
Size: 25'

## ADDITIONAL STAGE GOODS

### MARLEY FLOOR

Harlequin Cascade Dance Floor  
Color: Black  
Finish: Matte  
Size: Custom cut to fit from US wall to apron (does not extend into wings)  
Additional TBA x TBA roll for orchestra pit cover  
Care: **ABSOLUTELY NO ROSIN PERMITTED ON HOUSE MARLEY**

### ORCHESTRA SHELL

Finish: Blonde Wood  
Construction: 1 rear wall, 2 side walls, and 3 ceiling panels

### PRACTICAL EFFECTS

2 Chauvet DJ Cumulus Low-Lying Fog Machine  
1 Unique 2.1 Hazer  
1 Viper NT Fog Machine

## LIGHTING SYSTEMS INFORMATION

### REPERTORY PLOT

The Theatre maintains a year-round repertory plot. The Technical Director must approve, IN ADVANCE, any alternative lighting needs or equipment brought in from outside vendors.

### CONSOLE & CONTROL

Console: **ETC Gio**  
Location: Production Booth at rear of house  
Remote Control: RFR mobile app via WiFi

### COMPANY SWITCHES

2 400A, 3-phase, cam-loc Location: Stage Right, TBA  
1 100A, 3-phase, cam-loc Location: Stage Right, TBA  
Miscellaneous 110V Edison Location: Offstage and back walls

### DIMMERS

268 House Dimmers: ETC Sensor3 @ 2.4kW  
96 Portable Dimmers: ETC Sensor3 Touring Rack @ 2.4kW

### HOUSE LIGHTS

The house lights can be controlled from the light board, a touch panel in the SL wing, or at two preset panels located on the rear wall of the house. Lock out controls possible.

### POSITIONS

1st Catwalk: 13' from proscenium @ 65°  
2nd Catwalk: 26' 2-5/8" from the proscenium @ 47°  
NEW Front Lighting: TBA  
Location: TBA  
2 Box Booms: Top rung @ 45°, Bottom rung @ 23°  
Location: HL and HR mounted to 2nd Catwalk  
6 Dance Booms: 16' steel frame on casters with adjustable positions  
Location: SL and SR in first 3 wings

## LIGHTING INSTRUMENT INVENTORY

### FOOTLIGHTS

45 iColor Cove MX

### ZOOMSPOTS

9 Selecon 23~50° @1kW

### ELLIPSOIDALS

ETC Source4 ERS @750W with stage pin

12 10° barrels  
2 19° barrels  
26 26° barrels  
15 36° barrels  
26 50° barrels

### LEDS

ETC Selador Vivid-R with edison

20 11" fixtures  
30 21" fixtures  
7 63" fixtures

### FOLLOW SPOTS:

2 Robert Juliat Topaze 1200W  
Location: HL and HR in balcony

# AUDIO EQUIPMENT AND SYSTEMS INFORMATION

## CONSOLE & CONTROL

- Console: **Midas M32**
  - Location: Production Booth in rear of house
  - Inputs: 40
  - Mix Busses: 25
  - Preamps: 32
- 2 Stagebox: Midas D16
  - Location: SL Wing Audio Rack
  - Inputs: 16
  - Outputs: 8
- Remote Control: M32 Mix mobile app via WiFi

## AUDIENCE HEARING ASSISTANCE

28 Sennheiser Assistive Listening Headsets (with earbuds and neck loop)

## MONITOR/PAGING SYSTEM

Green Room and all dressing rooms are equipped with stage feed and paging monitors. Calls can be made through god mic by audio operator from the production booth.

## PRODUCTION COMMUNICATION

- 1 Clear-Com 2 Channel Base Station
  - Location: SL Wing Audio Rack
- 4 Wired Clear-Com belt packs
  - Location: Production Booth and Spot Booths
- 8 Wireless Clear-Com belt packs
  - Location: Backstage

## SPEAKERS

### Center Cluster:

- 2 Meyer UPA-1P - 550W 12" 2-Way Passive Loudspeaker
  - Location: Suspended from 1st catwalk

### Stage Mains:

- 2 QSC E15 - 500W 15" 2-Way Passive Loudspeaker
  - Location: Apron DSL and DSR

### Monitors:

- 2 JBL JRX212 - 250W 12" 2-Way Passive Loudspeaker
  - Location: Apron DS on either side of CL

### Power Amplifiers:

- 5 Crown XLS 1000 High Density Amp
  - Location: TBA

## PLAYBACK

Clients may use their own devices equipped with a 1/8" jack for playback. Devices without a 1/8" jack will require the client to bring their own converter. Production audio can be shared with audio operator via Spotify, CD, flash drive, email, or Dropbox.

## PLAYBACK DEVICES

- 1 Mac Mini
- 1 MacBook Pro
- 1 Dell Inspiron Laptop

## PLAYBACK LOCATIONS

Playback can be routed from the Production Booth or the SL wing with ease. If another location is required, advance notice must be given to the Technical Director.

## AUDIO ACCESSORY INVENTORY

### MICROPHONES

#### Dynamic:

6	Shure SM57	4	Blue enCORE 100i
4	Shure SM58	1	Shure PGA52

#### Condenser:

4	Sennheiser E865	2	Violet Wedge
2	Blue enCORE 300	1	Violet Pearl Vocal
2	AKG CGN99 C	1	Shure 809
1	AT857AMLa	2	Astatic 901
2	Shure PGA98H	4	Shure MX392/C
2	DPA d:vote 4099	3	Crown PCC-160
1	Blue SPARK SL		

#### Wireless Shure QLX-D System:

4	Shure QLXD/SM58	4	Shure QLXD1
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#### QLXD1 Wearable Microphones

4	Shure WL185	2	Countryman H6
2	Avlex HS-48A	1	Senal UEM-155

#### DIRECT BOXES:

4	Radial ProAVI DI	1	Whirlwind Director
1	Whirlwind DIRECT JT		

#### SNAKES:

1	Whirlwind Medusa Standard - 12-channel, 8in/4out, XLR, 50'
3	Whirlwind Medusa Multitrack - 8-channel, XLR, 10'
1	Whirlwind Medusa Multitrack - 8-channel, 1/4" TRS(M) to XLR(F), 10'
1	Rosa CPP 803 - 8-channel, 1/4" TS, 9.9'
1	Rosa CPR 803 - 8-channel, 1/4" TS to RCA, 9.9'

#### MICROPHONE STANDS:

3	Straight - Chrome finish
2	Straight - Black finish
4	Tall Boom - Black finish
5	Medium Boom - Black finish
2	Short Boom - Black finish
3	Tripod Tabletop - Chrome finish
1	Desktop - Black finish

## FILM, VIDEO, AND PROJECTION EQUIPMENT

### PROJECTORS

Christie L2K1500 LCD 2K Projector (15,000 lumens)  
Barco F50 5K Projector (5,000 lumens)

### SCREENS

Movie Screen: 40' x 20'  
Presentation Screen: 17' x 11' (no full stage masking)

### PLAYBACK

Video can be played off any device with an HDMI output.

### SWITCHER

Roland V-1HD Video Switcher

### A/V ACCESSORIES

PerfectCue Signaling System  
Logitech Laser Presentation Remote  
Assorted HDMI Cables

## ADDITIONAL EQUIPMENT

### FURNITURE

- 1 Acrylic Podium - clear
- 4 8' folding tables - white plastic top; grey metal legs
- 20 Stacking banquet chairs - blue cushions; black metal frame
- 6 Stools (Black)
- 12 Music stands (Black)

### WARDROBE

- 2 Steamer
- 1 Ironing Board
- 1 Iron
- 1 Washer
- 1 Dryer
- 6 Portable Wardrobe Racks

### LOAD IN

- Assorted Hand Tools
  - Assorted Power Tools
  - Assorted Pneumatic Tools
  - 1 Craftsman 30g Air Compressor
  - 2 Chair Dollies
  - 1 Appliance Dolly
  - 2 Hand Trucks
  - Assorted Floor Dollies
  - 1 4' A-Frame Ladder
  - 2 8' A-Frame Ladders
  - 1 12' A-Frame Ladder
  - 1 Extension Ladder
  - 1 Genie AWP-30S Standard Aerial Lift\*\*
- \*\*To be operated by qualified Sottile personnel only**

## BOX OFFICE

### OFFICE EQUIPMENT

- 1 Brother MFC-848DN B&W Printer/Copier
- 1 Landline Telephone
- 1 Dedicated Data Line for Payment Processing

## INTERNET & WIFI ACCESS

Internet is accessible throughout the theatre via Wi-Fi. Internet is provided by the College of Charleston, and therefore requires a CofC account to access the secure network; a freely accessible guest network is available with a guest sign-in.

If you need access to the secure Wi-Fi network during your production, the Sottile can arrange for you to have a temporary account for secure network sign-in WITH ADVANCE NOTICE.