

Capitol Centre Theatre Technical Specifications

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There are 932 seats in the Capitol Centre; 666 on the main floor and 266 in the balcony.

Technical Policies

Production technical requirements must be advanced a minimum of 14 days prior to loading into the venue.

Pyrotechnic effects must be approved by the Technical Director a minimum of 21 days prior to the performance, and must be operated by a licensed technician.

Maximum sound pressure level in the House is 96 dB(A) as measured from the FOH mix position. This is based on a 90 dB(A) criterion level with a 3 dB(A) exchange rate. Sound pressure is measured with an SLM (Type 2, SLOW RESPONSE, A-filter).

Dry Ice, Glycerin, or water based fog and haze machines may be used, oil based foggers are not permitted in this venue.

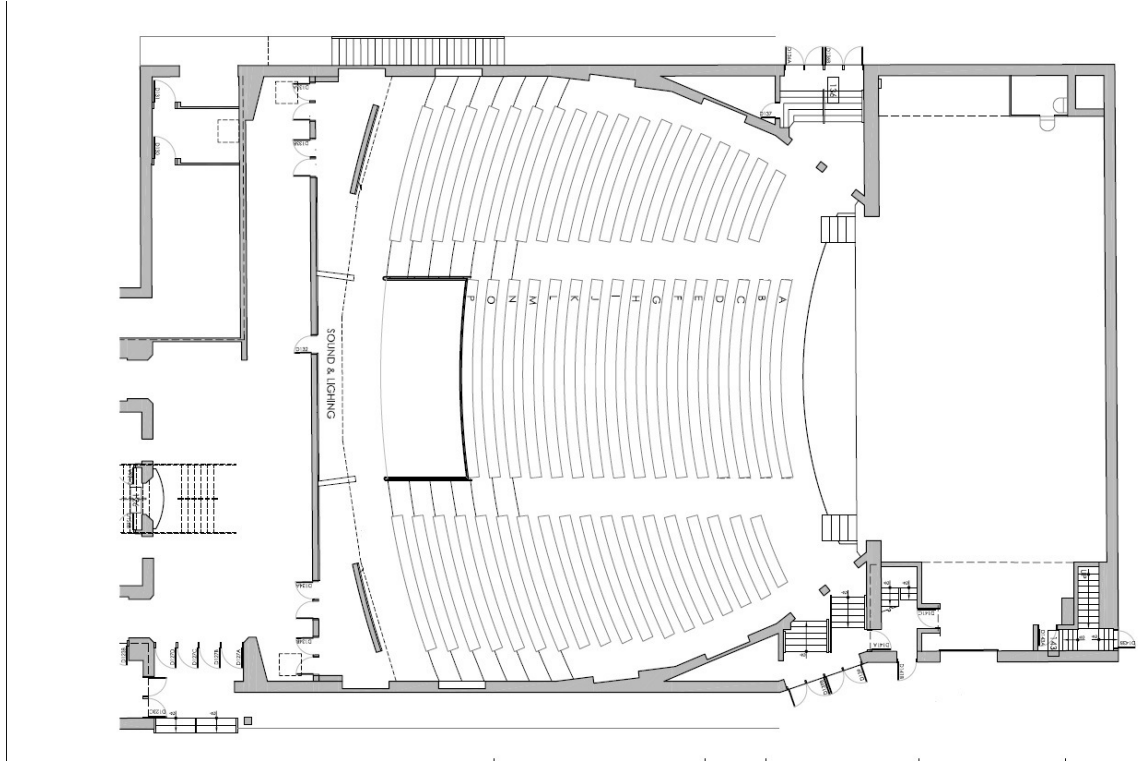
The Stage floor is sprung hardwood covered with Duratex panels painted with a flat black silicon paint. Lagging and screwing into the floor is permitted provided pilot holes are drilled and remaining holes are filled and painted upon load out.

The Stage floor may be painted for a production using latex paint only. The floor must be returned to flat black silicon upon load out.

All set construction and painting must be complete prior to load in.

Any production equipment, set pieces or staging that will be suspended overhead must have the rigging approved a minimum of 14 days prior to load in.

Theatre Layout (Mezzanine and Stage)



Proscenium Width: 38'10"

Proscenium Height: 23'10"

Stage Depth (from Plaster Line): 30'4"

Apron Depth: 3'6"

SR Wing: 14'6"

SL Wing: 15'2"

Pit Width: 43'2"

Pit Floor is 6'0" below Stage Deck Level

House Floor is 2'8" below Stage Deck Level

FOH Mix and Lighting position are 75' from Stage Plaster Line

Load-in Door is 8' x 8' and is located Stage Left

Stage is level with load in area (no ramp or stairs)

Orchestra pit allows for 12 positions

Please Note:

There is a Pit Covering that is constructed from four (4) removable 4'x8' risers (Black). When the extension covering is in place it should be noted that it is **NOT** a performance area

Soft Goods

Main Valence: 28oz. Red Velour, Flame Treated, 42' x 12'

Main Draw: 28oz. Red Velour, Flame Treated, 42' x 24'

Mid Draw: 22oz. Black Velour, IFP, 42' x 24'

Rear Draw: 24oz. Black Velour, Flame Treated, 42' x 24'

Legs (3 Sets): 22oz. Black Velour, IFP, 12' x 24'

Borders (3 Sets): 22oz. Black Velour, IFP, 40' x 8'

Cyclorama: White Filled Muslin, IFP, 40' x 24'

Scrim: Black Sharkstooth Scrim, IFP, 40' x 24'

Rear Wall is Red Brick

Stage Equipment, Projection and Extras.

| | | |
|----|-------------------------------|---|
| 6 | 4' x 8' Riser (Black) | 4 sets each 8" and 24" legs 8 sets of 16" legs |
| 2 | 4' x 8' Carpeted Riser (Grey) | |
| 80 | Orchestra Chairs (Burgundy) | |
| 1 | Genie GR-20 ManLift | |
| 1 | 12' A-Frame Ladder | |
| 1 | 6' A-Frame Ladder | |

Dance Floor: Black Marley dance floor is available, covering the stage from the DS extension to 4' from the US wall, 40' wide. This is at an additional rental cost.

Projector: Barco DP2K 12c Cinema Projector, HDMI feed from FOH booth. Screen on lineset 3, 14'x12' motorized screen hung from the proscenium and the cyclorama on lineset 22 can all be projected upon. Projector is an equipment rental at additional cost.

Spotlights: 2 Lycian M2 Medium 2k Followspots are situated in the projection booth. Spotlights are an equipment rental at additional cost.

Hazer: 1 Radiance Water-based Hazer. Typically lives USR elevated 10'.

Line Set Schedule

Please Note: All measurements are taken from the Plaster Line, NOT from the Stage Apron Lip

| Line Set Number | Distance From Plaster Line | Description | Type | Maximum Load | Notes |
|-----------------|----------------------------|----------------|-------|--------------|----------------------------|
| 1 | 0'6" | Main Valence | Arbor | 650 lbs | Cannot be Struck |
| 2 | 1'6" | Main Draw | Arbor | 650 lbs | Cannot be Struck |
| 3 | 2'7" | Movie Screen | Arbor | 650 lbs | Cannot be Struck |
| 4 | 3'10" | First Electric | Arbor | 650 lbs | Cannot be Struck |
| 5 | 6'1" | First Legs | Bag | 300 lbs | No Electrics |
| 6 | 8'6" | Free | Arbor | 650 lbs | |
| 7 | 9'10" | Free | Bag | 300 lbs | No Electrics |
| 8 | 10'9" | Free | Arbor | 650 lbs | |
| 9 | 12'8" | Free | Arbor | 650 lbs | |
| 10 | 14'0" | Free | Arbor | 650 lbs | |
| 11 | 15'11" | Free | Arbor | 650 lbs | |
| 12 | 17'0" | Mid Draw | Arbor | 650 lbs | Cannot be Struck |
| 13 | 17'5" | Free | Bag | 300 lbs | No Electrics |
| 14 | 19'2" | Free | Arbor | 650 lbs | |
| 15 | 20'0" | Free | Arbor | 650 lbs | No Electrics |
| 16 | 20'7" | Free | Bag | 300 lbs | No Electrics |
| 17 | 22'3" | Free | Bag | 300 lbs | No Electrics |
| 18 | 22'10" | Free | Arbor | 650 lbs | Use one of 18/19, not both |
| 19 | 23'5" | Free | Arbor | 650 lbs | |
| 20 | 24'4" | Free | Bag | 300 lbs | No Electrics |
| 21 | 27'0" | Rear Draw | Arbor | 650 lbs | Cannot be Struck |
| 22 | 28'0" | Cyclorama | Bag | 300 lbs | No Electrics |

Please Note:

- If a line set is designated free, it can be used as a soft good pipe, or a scenery fly pipe. Arbor lines designated as free may be used as electrics.
- The load on line sets with a "Cannot be Struck" CANNOT be removed.
- Bag Type line sets cannot be used as Electrics pipes
- Line Set #3 Cinema Screen is 18'x36' with a rigid frame
- There are 10 six-circuit drop boxes located on stage for use on the line sets (5 on SL, 5 on SR)

Lighting Inventory

Control- Main

ETC GIO 2048

ETC 2x20 Universal Fader Wing

Control- Backup

ETC ION 2048

ETC 2x20 Universal Fader Wing

Dimming

2 Strand CD-80 Towers (192 Total Circuits, 2.4kW load per circuit)

Dimmers have been upgraded to DMX 512 protocol with Johnson Systems CD-2000 processors

Distribution

60 FOH Circuits

84 On Stage Circuits (24 on First Electric, 60 on Drop Boxes- 30 SR, 30SL)

All circuits are 20 Amp Twistlock.

Edison and Stagepin adapter Cables are available in limited quantities.

Instruments

| Number | Type | Description | Zoom/Deg | Bulb | Note |
|--------|-----------------------|----------------|-----------|----------|-----------|
| 2 | Strand Iris 3 | 3 Cell Wash | | 1kW FFT | Worklight |
| 6 | Strand Cantata | ERS Zoom | 18-32 | 1kW FEL | FOH Only |
| 12 | ETC Source 4 Lustr | LED Profile | 26 | LED | Series 2 |
| 18 | ETC Source 4 Zoom | ERS Zoom | 15-30 | 750W HPL | FOH Only |
| 36 | ETC Source 4 Profile | ERS Profile | See Below | 750W HPL | |
| 24 | ETC Source 4 PAR | PAR | | 750W HPL | |
| 12 | ETC Selador Vivid-R | LED Wash | 30/40 | LED | 2-Cell |
| 18 | Strand Fresnelite | Fresnel | | 1kW BTR | |
| 7 | ETC Source 4 Multipar | PAR | | 750W HPL | 4 Cell |
| 2 | Lycian M2 Medium | Follow Spot | | HMI 2kW | |
| 6 | Martin MAC 350 | Moving Head | | LED | |
| 6 | Martin MAC 101 | Moving Wash | | LED | |
| 6 | Martin MAC Quantum | Moving Head | | LED | |
| 6 | Martin MAC Aura | Moving Wash | | LED | |
| 12 | Elation SixBar1000 | Linear Fixture | | LED | On Deck |

ETC Source 4 Profile Barrels

| Number | 6 | 18 | 18 | 12 |
|--------|------------------|------------------|------------------|------------------|
| Type | 19 Degree Barrel | 26 Degree Barrel | 36 Degree Barrel | 50 Degree Barrel |

Audio Inventory

| FOH | Stage |
|--|-------------------------------|
| L/R Mains, per side | Consoles and Outboard |
| 6x D&B V8 | Midas Sienna 400 |
| 3x D&B V12 | Presonus ACP88 |
| 4x D&B VSub | TC Electronic M-OneXL |
| 1x D&B InfraSub | |
| | Yamaha M7cl48 |
| Centre Infill | MBM7cl MeterBridge |
| 4 x D&B T10 across lip of stage extension | MYADDA96 I/O (8x8) |
| | PW800 PSU |
| | ART SyncGen Clock |
| Console | |
| Avid SC48 w/Avid 16IO | |
| | 8 Mixes Onstage |
| System Processing | 4 x DBX 1231 |
| D&B R1 V2 on FOH iMac | 4 x QSC RMX2450HD |
| L,R,C,VSub,Infra analog inputs at FOH | 12 x JBL SRX 712m |
| | |
| FOH Outboard | 2 Rolling Mixes w/Subs |
| 2 x Yamaha MPS5 | DBX 2231 |
| ART MPA II | Ashley Protea 113.24cl |
| Focusrite Scarlett 2i2 3rd Gen USB interface | 2 x QSC RMX2450HD |
| Furman F1000UPS | 2 x Diac B118FL |
| iMac OSX 10.13 w/ QLab4 | |
| HP ENVY27 PC- Windows 10/Ubuntu | |
| Samsung Laser Printer | |
| Numark CDN25 | |

Microphone Cabinet

| Number | Type | Note |
|-----------------|-----------------------------|-------------------|
| 8 | Shure SM58 | |
| 5 | Shure SM57 | |
| 3 | Shure B57 | |
| 1 | Shure SM7b | |
| 5 | Shure B181C | |
| 2 | Shure SM81 | |
| 2 | Shure SM91 | |
| 1 | Shure SM55s | |
| 2 | Sennheiser e906 | |
| 1 | Sennheiser e902 | |
| 2 | Sennheiser MD421 | |
| 6 | AKG C518m | |
| 2 | Oktava MK012 Kit | |
| 1 | Countryman IsomaxIV | |
| 3 | Studio Projects B1 | |
| 1 | Studio Projects LSD2 | |
| 2 | Radial J48 | |
| 2 | Radial JDI | |
| 3 | Radial PRO DI | |
| 1 | Radial PRO D2 | |
| Wireless | | |
| 1 | Sennheiser EW112 Guitar Kit | Extra Cost Rental |
| 3 | Sennheiser 145 G3 | Extra Cost Rental |
| 4 | Sennheiser 152 G3 | Extra Cost Rental |
| 4 | Sennheiser HSP2 | Extra Cost Rental |
| 1 | Shure ULXD4Q | Extra Cost Rental |
| 4 | Shure ULXD2/SM58 | Extra Cost Rental |

Audio Miscellaneous

Ample XLR Cabling

Mic Stands are K+M

Mic Claws are LP

3 x 16 Channel SubSnake

150' 6 Channel SubSnake

40 Channel Split DSL to FOH

16 returns to DSL and DSR

8 Returns, 4 Per side SL and SR Orchestra Pit

8 15amp Isolated U-Ground circuits onstage and in pit

8 Monitor NL4 circuits around stage perimeter

Power Disconnects

All power disconnects are located Stage Left

60A Stove Plug

100A 3Ø Audio Isolated Ground, CamLok

400A 3Ø Lighting, CamLok

100A 3Ø Theatrical SD-124A Distro CamLok to U-Ground

Paging/Program Sound

Program Sound and paging to all dressing rooms and green room.

Program sound to lobby and Williams 72.9 Mhz hearing assist system

Stage Communication

SL ClearCom Base Station at Stage Managers Rolling Desk

ClearCom Stations at FOH LX, FOH Audio, FOH Spotlight, DSR, USR, DSL, USL

8 ClearCom Packs and HeadSets

All ClearCom is wired.

Additional Production Equipment

The **WKP Kennedy Gallery** is equipped with a DB Technologies IG4T/S15H PA, and a Behringer X32 Console, suited to small format performances in the Gallery.

2 x Yorkville NX25 Powered Speakers with stands can be utilized throughout the building.

There is an installed AV presentation/reinforcement audio system available in the **Galaxy Circle Lounge**, as well as an Epson HC 3500 projector and 8' by 8' screen. Projector inputs are HDMI, Thunderbolt and SVGA.

A portable dance floor is available in the **RBC Galaxy Circle Lounge** which may be installed in other spaces throughout the building.

Hospitality, Dressing Rooms etc...

Dressing Rooms are split between under the stage and above the stage.

Understage dressing rooms include one Principal and one Chorus dressing room with a shared washroom and shower.

Overstage dressing rooms include a Green Room and 2 Chorus dressing rooms. Dressing rooms have separate showers, washrooms and change booths.

Washer, Dryer, Steamer, Ironing Board, clothing racks and Iron are available.

Keurig Coffee maker at FOH audio mix position.

Bulletin boards are provided for dressing room signage, directions etc.