

## Equipment Inventory

### Seating

Massey Theatre is a fully equipped, 1260 seat facility with 867 seats in the orchestra and the remainder in the balcony.

### Stage

- Black Marmoleum (battleship linoleum) surface with hard crossover along upstage wall
- Proscenium width: 39'-10"
- Proscenium height: 20'
- Width of stage: 79'-9" (including wing space)
- SR wing width: 15'--- SL wing width: 24'-6" (Wings measured from edge of Prosc. to offstage wall / pin rail)
- Usable depth: 30'
- Height of Stage: 40" from orchestra pit floor
- Orchestra Pit: 14' at widest depth (at Centre) 38' at widest length
- Note: No screwing, nailing, painting stage surface.

### Dressing Rooms

- Under the stage, with easy access to outside and to Stage Left. Currently, there is NO wheelchair access to the dressing rooms.
- Max 88 Person capacity
- Two single occupancy washrooms, with toilet and sink
- Four 4-person dressing rooms with sink (10sq. meters)
- Two washrooms with 2 toilets and sink
- Two 8-person dressing rooms with double sinks (33.2 sq. meters)
- All dressing rooms are equipped with mirrors and make-up lights
- Each room, plus common area equipped with program sound
- Limited Wi-Fi connection in dressing rooms

## Loading Bay

- Stage: Truck height loading dock (3'-6")
- Truck access: 48' long (with a 16' overhang to street) by 21' wide
- Loading dock: 26' wide by 19' deep
- Access ramp: 4' wide (runs perpendicular to loading dock)
- Exterior Loading door: 6'-11" wide by 14'-10" high
- (90 degrees to loading dock).
- Interior Loading door: 5'2" x 14'10"
- House: Ramp along house-right exit (via backstage)
- Ramp access through lobby.

## Rigging

- All pipe battens are Hemp/ Multiline II line sets
- Grid - 47' high wooden grid (unrated)
- 4 electrics (1st dead hung, 2nd, 3rd & 4th on winches)
- 17 Multiline II/ hemp line sets (max 250 lbs.)
  - 10 available not in house hang

## Drapes

- Main Drape - red velour (dead hung - opens at centre stage with a hand pull SR)
- 3 Black IFR Velour 25oz travelers (flown with hand winches, operated from SR)
- 3 Black IFR Velour 25oz Borders and 1 set of legs (flown line sets)
  - Borders at 2nd and 3rd Lx and cyclorama
- Soft Cyclorama (flown line set)

Note: All rigging is subject to the approval of the Technical Staff. All flies must be operated by authorized Massey Theatre staff.

## Other Amenities

### Grand Piano

- Ed Seiler Grand Piano Model 240 Modern Grand Piano
  - Built in June 1988
  - Tuning Available upon request.

### Digital Piano

- Roland RD-2000 Digital Stage Piano

### Washer and Dryer

- Washer and Dryer available for show laundry to be done onsite
  - Client required to provide laundry detergent.
  - Arrangements can be made with Massey Theatre Technical Staff to find the best time for laundry to be done

## Stage Decks

- 8 - 8'x4' Riser Decks
  - Available in 8", 16", or 24"
- 2 Variable Height Cross section legs with wheel attachments used to make a movable 8'x8' platform

## Audio System

### FOH Console

- Yamaha QL5 Digital Mixing Console
  - Mix channels: 64 mono, 8 stereo
  - Busses: 16 mix, 8 matrix (Input to Matrix supported)
  - Local I/O: 32 in, 16 out
  - Fader configuration: 32 + 2 (Master)
    - 4 Standard Layers, 4 Custom Layers
- Yamaha Rio 3224-D2 Stage Box mounted in rolling gator case.
- Yamaha SWP1-8 Network Switch – (8 Neutrik etherCON + 2 internal SFP slots)
- Rio 1608-D Booth Patch Box
  - 16 In, 8 Out

### Main PA

- Meyer M'elodie line array system. 8 M'elodie powered cabinets per side, flown 5' downstage of the proscenium opening
- 2 Meyer sound 700hp powered subwoofers (1 each side)
- All Meyer Sound components driven by Meyer Galileo 616 system, located in the booth
- 3 Meyer UP-4Slim Stage Front Fill Speakers (Mounted under lip of stage)

### Monitor mix (Mixed from Stage Left with added Monitor Technician)

- Yamaha QL1 Digital Mixing Console (**Optional – Booked w/ Monitor Technician**)
  - Mix channels: 32 mono, 8 stereo
  - Busses: 16 mix, 8 matrix (Input to Matrix supported)
  - Local I/O: 16 in, 8 out
  - Fader configuration: 16 + 2 (Master)
    - 4 Standard Layers, 4 Custom Layers

### Monitor Speakers

- 10 db Technologies LVX XM12 Active Monitors
- 4 EV SX300 Monitors (Flown Stage Fill)
- 2 EV SX300 Monitors (Off Stage Fill)
  
- 10 Pre/ Post- fade aux's (2 are semi-permanent to flown monitors), Patchable to various locations around stage

- 3 QSC MX 1500a amps

#### Booth Equipment

- Denon CD/MP3 Decks (DN - 620)
- Mic Input Patch Bay
- Clear-Com SM Station
- Mac Mini Computer with Q-Lab 5 Software (Audio and Video License)
- Dante Virtual Soundcard

#### Mix Location

- Booth located at rear of lower seating (under balcony)
- 82' to stage front (allow at least 150' cable run to prosc.)
- Monitor mix at Stage Left
- Microphone lines - 30 patchable inputs from the stage. 5 locations
- 48-8ch Snake from SL to console
- Monitor patches – 19 patchable outputs from 5 locations

#### Microphones

- 11 Shure SM 58 (3 switched)
- 5 Shure Beta 58a
- 3 Shure Beta 87a
- 6 Shure SM 57
- 4 Shure Beta 57a
- 1 Shure Beta 52
- 3 Shure PG56 (w/ drum mounts)
- 2 Audio Technica Pro 37 Condensers
- 4 Audio Technica AT935QMRx/ML
- 3 Sennheiser E614 Condensers
- 4 AKG C3000 Condenser Mics
- 2 Apex 185
- 2 Crown PCC 160
- 5 DOD 625 Passive DI's
- 3 JDI Duplex Passive DI's
- 4 JDI Mono Passive DI's
- 3 JDI Stereo Passive DI's

#### Wireless Microphones

- Shure ULXD Quad Channel Digital Wireless Receiver
- 4 Shure ULXD2 SM58 Handheld
- 1 Shure ULXD2 Beta SM58 Handheld

Assorted microphone (XLR), speaker (1/4"), and sub snake cables  
Assorted microphone and speaker stands

## Communications

- 3 channel Clear-Com Party Line
  - Patchable: Backstage/ Fly Rail/ Lighting/ Audio/ Spots/ Booth/ FOH
- HME DX-200 Wireless Com
  - 4 Headsets and Transmitters
- Program sound to Booths and Dressing Rooms
  - Stage management announce to Dressing Rooms from SL, SR
- Lobby Feed
  - Music/Chimes

## Lighting Control/ Dimmers

Console

- ETC Gio @5 w/ELO Touch Screen (2<sup>nd</sup> Monitor)
  - 24,576 Outputs/Parameters
  - 32,768 Control Channels
  - 10,000 Cues
  - 999 Cue Lists
  - 4 x 1000 Palettes (Intensity, Focus, Color, Beam)
  - USB ports for flash drives, pointing devices, keyboards
- ETC Universal Fader Wing 2x20 Dimmers
- ETC Ion (Secondary Console Version 2.9.1)
- 3 Colortran 1 Series 96 racks
  - 2.4 kW dimmers

## House Hang Includes

- 15 Area front wash (Source Four 750W Ellipsoidal)
- 12 LED Chauvet Rogue 3 Moving Fixture (Top Wash)
- 4 LED Chauvet Rogue 3 Moving Head Spot Fixtures
- Two color back-wash (Source 4 Par 750W WFL)
- 16 Chauvet Ovation E-901FC LED Ellipsoidal Spot Fixture (Side-Wash)
- 34 Ellipsoidal specials (18 in FOH, 16 on stage)
  - Combination of Source 4 and Altman Fixtures
  - Various Source Four barrels to select from (19 degree to 50 degree)
- 2 Rosco I-Cue Intelligent Mirror w/ Rosco DMX Iris, and Source 4 26° lens (FOH 1)
- 2 Ultratec Radiance Hazer (110V) (LX 3)

## Follow Spots

- 2 Robert Juliat 1159 Victor Follow Spot w/ GT4000 Tripod Stands
  - 208V 1800W MSR Discharge
  - Optics: 7° – 14.5°

Any additions or changes to the house hang must be approved by the Technical Staff prior to your contract date.

## Projection

### Booth Projector

- Christie HD10K-M
  - 3Chip DLP
  - Dual 350W P-VIP lamps
  - 10K ANSI Lumens
  - Up to 10,000:1 Contrast
  - 1920x1080 Native Resolution

### Stage Projector

- Christie DWU599-GS
  - Inputs: HDMI, VGA, and Mini Display Port
  - 5400 ANSI Lumens
  - 6065 ISO Lumens
  - 1920x1080 Native Resolution

## Video

- Roland V-1HD 4 Channel Video Switcher
- Preview Monitor on Stage Left
- Mac Mini with Q-Lab (Audio and Video License)

## Power

- Tie in, tie out and flat daily rate are separate charges.
- 400 Amp three phase service available (requires 100' feeder run to stage right)
- 100 Amp three phase tie-in (stage right proscenium wall) 20amp break out available
- Assorted 15 Amp circuits onstage

If you have any questions concerning the technical information and inventory list please contact Technical Director, Stephen Jackson: [stephen@masseytheatre.com](mailto:stephen@masseytheatre.com) or 604 517 5900 ext. 6116 or Technical Director Shawn Sorensen [shawn@masseytheatre.com](mailto:shawn@masseytheatre.com) or 604-517-5900 ext. 6114.