



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 water-closets with toilet and sink
- Four 4-person dressing rooms with sink (10sq. meters)
- Two water-closets 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 have 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.)
 - o 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)
 - o Borders at 2nd and 3rd Lx and cyclorama
- Soft Cyclorama (flown line set)

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

Stage Decks

- 8 - 8'x4' Riser Decks
 - o Have either 8" or 16" legs
- 2 Variable Height Cross section legs with wheel attachments used to make a movable 8'x8' platform
- 5 - 8'x4' Wooden platforms with 24" tall wooden supports

Audio System

FOH Console

- Yamaha QL5 Digital Mixing Console
 - o Mix channels: 64 mono, 8 stereo
 - o Busses: 16 mix, 8 matrix (Input to Matrix supported)
 - o Local I/O: 32 in, 16 out
 - o Fader configuration: 32 + 2 (Master)
 - 4 Standard Layers, 4 Custom Layers
- Rio 1608-D Stage Box



- 16 In, 8 Out
- Ro8-D Monitor patch rack
 - 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

Monitor mix (Mixed from FOH console)

- 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

- 2 Denon CD/MP3 Decks (DN - 620)
- PC Media Server w/ BluRay playback capabilities
- Mic Input Patch Bay
- Clear-Com SM Station

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 FOH
- 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

- 8 Shure SM 58 (1 switched)
- 6 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 ES935ML6
- 3 Sennheiser E614 Condensers



- 4 AKG C3000 Condenser Mics
- 1 Audio Technica Microlines
- 2 Crown PCC
- 5 DOD 625 Passive DI
- 3 JDI Duplex DI
- 3 JDI Mk III DI
- 3 JDI Stereo DI
- 1 JDI Passive DI

Monitor Speakers

- 8 db Technologies LVX XM12 Active Monitors
- 4 EV SX300 Monitors (flown)
- 2 EV SX80 Monitors (Off Stage Fill)

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

Assorted microphone and speaker stands

Communications

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

Lighting Control/ Dimmers

Console

- ETC Ion w/ ELO Touch Screen and 2nd monitor
 - o 1024 Outputs/Parameters
 - o 10,000 Channels
 - o 10,000 Cues
 - o 999 Cue Lists
 - o 4 x 1000 Palettes (Intensity, Focus, Color, Beam)
 - o USB ports for flash drives, pointing devices, keyboards
- ETC Universal Fader Wing 2x20 Dimmers



- 3 Colortran 1 Series 96 racks
 - o 2.4 kW dimmers
 - o Presently 270 dimmers wired circuit per dimmer

House Hang Includes

- 15 Area front wash (Source Four 750W Ellipsoidal)
- 2 Color top wash (cool & scrollers)(Source Four 575W Pars)
- Two color bax-wash (Par 64s 1 KW WFL)
- Two color side-wash (Altman 6x12's and 6x16's)
- 34 Ellipsoidal specials (18 in FOH, 16 on stage)
 - o Various Source Four barrels to select from (19 degree to 50 degree)

Follow Spots

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

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

Projection

Booth Projector

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

Stage Projector

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

Film Screen

- 35'W x 15'H Acoustically Perforated Screen
- Hung at mid Stage



Power

- Tie in, tie out and daily amperage use 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 or 604 517 5900 ext. 6116