GRAND THEATRE
DENNIS GARNHUM, ARTISTIC DIRECTOR

# TECHNICAL INFORMATION PACKAGE

# MCMANUS STAGE

471 RICHMOND STREET
LONDON, ONTARIO
CANADA
N6A 3E4

ADMINISTRATION: 519-672-9030
BOX OFFICE: 519-672-8800

# GRAND THEATRE SPRIET STAGE

471 Richmond Street, London ON, N6A 3E4
Phone – 519-672-9030 Fax – 519-672-2620
PM: Lyndee Hansen lhansen@grandtheatre.com TD: Daniel Bennett dbennett@grandtheatre.com


## TECHNICAL SPECIFICATIONS

## General Information:

**Address:**

471 Richmond Street
London, Ontario
N6A 3E4

**Technical Services:**
Phone: +01 519 672 9030

**Virtual Tour of the Grand Theatre Lobby, Spriet and McManus Stages:**
http://www.gotyoulooking.com/1grandtheatrelondon/mht.html

Project Manager
Paul Fujimoto-Pihl
Extension: 259
Email: pfujimotopihl@grandtheatre.com

Production Manager
Lyndee Hansen
Extension: 257
lhansen@grandtheatre.com

Technical Director
Daniel Bennett
Extension: 269
dbennett@grandtheatre.com

Assistant Technical Director
Lauren Rebelo
Extension: 354
lrebelo@grandtheatre.com

**Programming:**
Rentals Coordinator
Karen Killeen
Extension: 260
kkilleen@grandtheatre.com

Front-of-House Manager/Patron Services
Carolyn Botten
Extension: 265
cbotton@grandtheatre.com

**Box Office:**
Box Office Manager
Cheryl Willison
Phone: 519 672 8800
Extension: 403
cwillison@grandtheatre.com

**Area Hotels:**

Delta London Armouries
325 Dundas Street
London, ON, N6B 1T9
519 679 6111
800 metres south-east of theater

The Park Hotel London
242 Pall Mall Street
London, ON, N6A 5P6
519 642 4444
800 metres north of theater

Doubletree by Hilton
300 King Street
London, ON, N6B 1S2
900 metres south-east of theater

**Taxi Services:**

U-Need-A-Cab
519 438 2121

Green Taxi
519 777 8888

## GENERAL INFORMATION CONTINUED

**Restaurants:**

The Church Key
476 Richmond Street
519 432 4092
11 metres from theatre
Gourmet gastro pub

Garlics of London
481 Richmond Street
519 536 9060
5 metres from theatre
Canadian & Italian fine dining

Winks Eatery
551 Richmond Street
519 936 5079
350 metres from theatre
American grill, pub, and patio

Toboggan Brewing Co.
585 Richmond Street
519 433 2337
450 metres from theatre
Microbrewery with oven-fired pizza and small plates

**Handicapped Access:**
Wheelchair accessible seats are available on the main level of the McManus Stage.

Accessible washrooms are located on all levels of the venue.

Elevator access is available on all levels of the venue.

A wheelchair is available for use on site from our Front of House office, based on a first-come, first-served basis.

**Emergency Numbers:**
Dial “9- 911” for emergency services

**Non-Emergency Numbers:**

**Fire Department**
400 Horton Street
519 661 4565

**Police Department**
601 Dundas Street
519 661 5670

**Ambulance & Paramedic Services**
340 Waterloo Street
519 679 5466

**Hospital Emergency Room**
London Health Sciences Centre
800 Commissioners Road E
519 685 8500

**Urgent Care Clinic**
St. Joseph’s Hospital Urgent Care
268 Grosvenor St
519 646 6100

**Dental Clinic**
Colborne Family Dentistry
614 Colborne St
519 858 9230

**Chiropractic Clinic**
London Chiropractic Clinic
423 Colborne Street
519 434 4493

## GENERAL INFORMATION CONTINUED

**Parking:**
There is no designated parking for visiting companies. On site truck parking in the loading alley may be available upon request.

There is a paid surface lot on the south side of Dufferin Avenue, west of Richmond Street. There is a parking garage on the north side of Dufferin west of Richmond. There is another parking garage on the south side of Dufferin, west of the surface lot.

Free parking is available on London city streets after 6 p.m. and on Sundays. Metered parking is also available on streets surrounding the Grand.

Designated accessible parking spaces are located in the surface lot behind the theatre, as well as in the multi-level parking garages on Dufferin Avenue.

**Laundry:**
Texmain Drycleaners
326 Springbank Dr.
(519) 471-0220

**Travel Directions:**
The Grand is located just south of the Dufferin Avenue and Richmond Street intersection, on the west side of the street. Trucks larger than 24 feet must be travelling north bound on Richmond in order to back into the loading alley.

From North – Hwy 4 - travel south on Richmond Street

From South – Hwy 4 – travel north on Richmond Street

From West – travel east on York Street to Richmond; travel north on Richmond Street

From East – travel west on York Street to Richmond; travel north on Richmond Street

**Time Zone:**
Eastern Standard/Daylight Time

## Management:

**Production Room:**

- Located on 5th Floor
- HP Designjet t1100ps Plotter and HP Laserjet P3015 Printer Available
- Network access via 2 Ethernet Cables

**Green Room:**

- Located in Basement
- Equipped with Sink, Fridge, Kettle, Coffee Maker, Tables and Chairs
- Program Sound and Video Available

**Crews:**

- Non-unionized space

**Stage Management Booth:**

- Located above standard seating arrangement
- Program Sound and Video (Infrared and standard) monitors
- Production communication system

**Stage Management Office**

- Shares an office with the Spriet Stage stage management.
- On the same level as the McManus stage.
- Communications with Front-of-House via telephone.

**Rehearsal Rooms:**

- Subject to availability, with prior arrangement.
- Level 1: Dimensions: 30'0" x 23'0" (9.14m x 7.01 m)
  Portable sound system available upon request

**Handicapped Access:**

- Handicapped entrance is Box Office doors located on Richmond St
- Elevators to every floor

**Policies:**

- House opens half hour prior to curtain
- Building is a scent free environment
- Smoking is prohibited in the building. The designated smoking area will be located at least 30 feet from the main and warehouse entrances.
- For additional Grand Theatre policies and procedures please see the Employee Handbook and the Health & Safety Manual. Copies will be provided upon request.

## Load-In Area

- The easiest access to the theatre is through the Front-of-House Lobby, down a flight of stairs which are 6'0" wide, with one 90 degree turn. The most restricted point is the standard double door that leads to the auditorium (4'3"wide x 6'8"high).
- There can be time restrictions on load-ins (depending on activities on Spriet Stage and in lobbies).
- There are no level-loading accesses or devices for loading into the McManus Theatre.
- There is very little offstage space for storage.
- The Grand does not own any parking facilities. Parking costs will be the responsibility of the renter.
- If the production involves large road cases or crates, please contact the Grand Theatre staff regarding your load in.

## Carpentry

**Seating:**

- Seats 147 in conventional (raked) seating. Three seats must be reserved for ushers.
- Seating can be changed to cabaret style – approx. 100 seats. There is a cost involved in switching the seating arrangement

**Stage Dimensions:**

- Stage width at up center wall – 25' across
- Stage width at setting line – 37' across
- Up center wall to setting line (stage depth) – 17'6"
- Setting Line to first row of chairs – 3'8" (first row of chairs is on the ground)
- Setting Line to seating risers - 5'0"
- Clear height to grid – 17'6"
- There are black acoustic panels along all walls, at various heights. Please check with Grand Theatre technical staff if designs require scenery tight to the walls.

**Stage Floor:**

- Stage floor is sprung and covered in ¼" masonite
- Floor is painted semi-gloss black (Rosco Tough Prime Black).

**House Draperies:**

- 10 legs @ 17'9 high x 8'0" wide – black velour with ties, no fullness
- 8 old legs @ 17'0" high x 8'0" wide – black velour with ties, no fullness
- 1 legs @ 17'0" high x 4'0" wide – black velour with ties, no fullness

**Line Set Data:**

- No line sets available
- Basic rigging can be done from catwalks
- Rigging limitations to be determined by House Technician or Technical Directors

**Support Areas:**

- There is no exterior cross over. Entrances are from stage right. An interior cross over can be created with draperies (decreases depth of stage)
- There is very limited space backstage

## Lighting

**Power/Dimmers:**

- 96 Strand CD80 dimmers with 2400 watt capacity.
  - One dimmer is house lights
  - Four dimmers are non-dim power
- Actual limit is approximately 2200 watts.

**Houselights:**

- No dedicated house lights
- Working lights installed and controlled from backstage and the booth

**Control Board:**

- ETC Ion XE Console
- Laptop w/EOS software for designer monitor via wifi

**Circuits:**

- See 8.5x11 McManus LX Plan and Section attached

**Equipment Inventory:**

| | | |
|---|---|---|
| 4 | ETC Source Four 50 degree | (575 watt) |
| 34 | ETC Source Four 36 degree | (575 watt) |
| 26 | ETC Source Four 26 degree | (575 watt) |
| 6 | ETC Source Four 19 degree | (575 watt) |
| 6 | ETC Source Four Zoom 25-50 degree | (575 watt) |
| 24 | ETC Source Four Fresnels | (575 watt) |

- 2 Rosco I-Cue
- 2 Rosco PSU-50
- 2 City Theatrical DMX Iris
- 6 Source Four Manual Iris

- 4 Source Four A-size gobo holder
- 30 Source Four B-size gobo holder
- 24 Source Four Fresnel Barndoors

- 1 Pathway DMX 9-way opto-splitter (5-pin)

- Gel stock is Roscolux
- Sidearms, floor stands, booms etc. may be available (shared with Spriet Stage)

**Video:**

- Small Classroom Projector may be available. Model: Epson EX50

## Sound

### Wiring

- Booth input bay – 24 XLR mic/line inputs, 12 XLR line outputs
- Stage-right input bay – 8 XLR mic/line inputs, 4 XLR line outputs
- Outputs: There are 4 speaker outputs located throughout the space – 2 on the grid by the booth (one SL and one SR) and 2 on the grid on the upstage wall (SR and SL). All are Speakon NL2. There are two line level XLR outputs HR on the back wall under the booth, and four line level XLR outputs off stage-right.
- Inputs: There are 6 mic inputs SL, 6 SR and 4 in the Catwalks. All are three pin XLR.
- Console patch points: There is one patch point in the booth for the console, one backstage right, and one FOH House-right at the back of the house.

### Control Locations:

- Audio control is located in the booth

### Hearing Assist System:

- Infrared hearing assist system in place
- Units available at box office

### Monitor/Paging System:

- Program sound sent to booth and dressing rooms
- Paging from Backstage Right and Booth
- Program Sound is sent to the dressing rooms, backstage hallway and McManus lobby.
- Infrared program video monitors are located in booth and backstage right

### Production Communications:

- 1 Production Intercom MS300 – 3 channel base station
- 6 Production Intercom BP-1 Beltpacks
- 6 ClearCom CC-26K Headsets
- There are intercom patch points backstage right, in the grid, and in the booth for the SM & LX operator

**Equipment Inventory:**

Console:

- ❑ Allen & Heath GLD80
- ❑ Max 48 inputs overall
- ❑ Dante expansion card – up to 64 bidirectional channels over ethernet
- ❑ Local Console in/outputs – 4 XLR line inputs, 2 stereo-RCA unbalanced inputs, 4 XLR line outputs, 2 stereo-RCA outputs

Amplifiers:

- ❑ 2 QSC ISA1350 Stereo amps – 800 watts per channel into 8 ohms
- ❑ 2 AudioPro 1200 Stereo amps – 300 watts per channel into 8 ohms
- ❑ 1 Powersoft Quatrocannali DSP 1204+DSP+D Amplifier (for the Fulcrum RX699s)
- ❑ QSC Powerlight 1.4 1400w amp operating bridged for the Fulcrum TS212 (For subwoofer)

Speakers:

- ❑ 4 Fulcrum Acoustics CX1295 – 400w @ 8 ohms – 90x45 degree beamwidth – fixed positions
- ❑ 2 QSC KW122 – 1000w – 75x75 degree beamwidth – self-powered monitor
- ❑ 4 Fulcrum RX699-MT60 – 175w @ 16 ohms – 90x90 degree beamwidth
- ❑ 1 US212 Dual 12″ Direct-Radiating Subwoofer

Playback:

- ❑ Apple Mac Mini Server (Oct 2012) with Qlab 4.0 Pro Bundle
  - Up to 64 output channels of computer audio playback
- ❑ Share with Spriet Stage - Apple 15” Macbook Pro 2.3GHz (Dec 2012) w/ retina display
  - QLab 4.0 Pro Bundle
  - 256 GB SSD
  - Dual-link DVI from thunderbolt adaptor
  - 2TB Apple Time Machine for backup and wifi networking

Processing:

- ❑ Symetrix Solus 8 DSP – 8 ch digital processing for Fulcrum speakers
- ❑ 28-band 1/3 octave Graphic EQ on each console output
- ❑ No outboard processing available. Rental equipment can be inserted into console.
- ❑ Console also has 4 band parametric EQ and full dynamics on each channel
- ❑ 8 internal Stereo FX processors on console
- ❑ Additional equipment is available locally for rent

Microphones:

- ❑ 4 Shure Beta SM58A dynamic supercardioid Vocal
- ❑ 3 Shure Beta SM57A dynamic supercardioid Instrument
- ❑ 2 Rode NT5 pencil condenser
- ❑ 1 Audio-Technica U853R hanging choir mic
- ❑ 1 Sennheiser EW345 G3 handheld wireless mic
- ❑ 6 K&M 210/8 Tripod base microphone stands

## Props

### Music

- ❑ Shared with Spriet Stage, check for availability
- ❑ 23 music stands
- ❑ 23 stand lights
- ❑ 68 chairs for musicians

## Wardrobe

### Dressing Rooms

- ❑ 2 dressing rooms, located in hallway off stage right.
- ❑ Dressing Room A – 4 person
- ❑ Dressing Room B – 8 person
- ❑ All dressing rooms are equipped with mirrors, lights, chairs and costume racks, sinks, showers and toilets

### Wardrobe Maintenance

- ❑ Available on request with prior arrangement
- ❑ Located on level 1
- ❑ Equipment:
    - 2 washing machines
    - 2 clothes dryers
    - 1 industrial steam iron
    - 2 domestic steam irons
    - 1 steamer