LYRIC THEATRE

TORONTO CENTRE
FOR THE ARTS

TORONTO CENTRE FOR THE ARTS

TECH SPECS (DRAFT)

LYRIC THEATRE

DESCRIPTION

The Lyric Theatre is designed for theatre, dance, and musical productions.
Built in the auditorium of a Broadway touring house, this unique space includes programmable LED backlit walls, a fly system, FOH catwalks, a Followspot platform, Orchestra and Balcony level seating, and a full complement of Sound and Lighting equipment.

CAPACITY

574 seats — Theatre Seating: Orchestra Level (472), Balcony Level (90), Side Balconies (12)

DIMENSIONS

The auditorium and stage are ~ 67'-0" wide wall-to-wall. The stage is ~ 35'-0" deep. The proscenium opening set to mask the PA is 26'-0" high and 38'-6" wide. The hard proscenium is 30'-0" high and 45'-0" wide. There is a DS Lower Grid and an US Upper Grid over the stage.

PLAN

The audience chamber is horseshoe shaped. Orchestra Level has: the first 3 rows of seating flat on the floor; the next 4 rows of seating on a rake; and, the last 11 rows of seating tiered. Balcony Level has three rows of tiered seating. Side Balconies each have six chairs. All auditorium seats are removable.
Dressing rooms and backstage facilities are directly beside the theatre and readily accessible from upstage left.

STAGE DECK

The stage floor is smooth Masonite painted black on top of two layers of 19mm (¾") plywood that are sprung on sleepers with neoprene pads. The stage may be painted and fastened to with screws.

ACOUSTICS

An independent air-handling unit with mid-low air velocity, no terminals, and vibration-isolation units is used to reduce noise in the theatre.
Room acoustics may be adjusted through drapes on the back wall of the balcony and sound absorbent panels behind the backlit enclosure. Three rows of hard acoustic reflectors hang beneath the FOH catwalks above the auditorium.

PATRON COMFORT

Patron seating provides extra legroom and greater than average seat size. Patrons in wheelchairs can be accommodated on both the orchestra and balcony levels.
A Sennheiser Hearing Assist system with receivers is available to patrons.

TORONTO CENTRE FOR THE ARTS

TECH SPECS (DRAFT)

LYRIC THEATRE

GRIDS

The Lyric Theatre has two grids:

- A Lower Grid over the Downstage half of the stage
- An Upper Grid over the Upstage half of the stage

The Lower Grid is topped with 25 x 7.9 mm Bar Grating on 35 mm centres with Cross-bars on 102 mm centres. Bearing bars run cross stage.

The Upper Grid is also topped with Bar Grating. Bearing bars run US-DS.

FLY SYSTEM

Four motorized lineset each with a 2300# capacity – these linesets are typically used as lighting battens. Seven Leg and Border linesets with an 800# capacity are manual hemp style sets with sandbags counterweight. These are operated from stage-level Pinrails on Stage Right. Dead hung pipes on 300mm () nominal centres cover the rest of the stage. Three dead-hung sets support the Main, Midstage, and Upstage travelers. One dead-hung set supports a row of Cyc lights. Dead-hung sets beneath the Lower Grid can be reached from a personnel lift. All battens are connected at seven points. A Stage Left Upper Pinrail is available for pick-lines or spot lines.

WEIGHT AVAILABLE

Please confirm any additional weight required for hemp-style linesets.

LIGHTING EQUIPMENT

Console:	ETC GIO 16000 with 2 x 20 Fader Wing
Dimmers:	Strand CD-80, with Johnson Systems CD 2000 controllers. Up to 364 x 2.4 kW and 6 x 6kW dimmers are available
Circuiting:	Onstage – Socapex cable
SL Catwalk Level:	3 Box @ 7 x 6-Circuit 20A Soca
	1 Box @ 8 x 6-Circuit 20A Soca - DS
SR Catwalk Level:	4 Box @ 1 x 6-Circuit 20A Soca
SL & SR Stage Level:	2 x 50A Circuit on each side

FOH Catwalks – hanging tails

Bridge:	30 x 20A Circuit
Catwalk 1:	37 x 20A Circuit – 12 paired w/ Soca
	2 x 20A Additional Soca (Box Booms)
Catwalk 2:	42 x 20A Circuit

TORONTO CENTRE FOR THE ARTS

TECH SPECS (DRAFT)

LYRIC THEATRE

LIGHTING EQUIPMENT (CON'T)

FOH Rails – flush-mount receptacles

Tech Level: 25 x 20A Circuit
2 x 50A Circuit

Balcony Rail: 8 x 20A Circuit

Side Balcony Rails: 3 x 20A Circuit on each side

House Equipment is all Grounded Stage-pin – 2P&G

Networking: House runs a sACN control network.
Five 2-universe DMX PoE nodes
DMX is five-pin XLR

Luminaires: 150 Source 4 750w, HPL 115V
50 x 19° Source 4 Barrel
40 x 26° Source 4 Barrel
54 x 36° Source 4 Barrel
26 x 50° Source 4 Barrel
60 x ETC Parnel 750W w/ barn doors

10 x MAC 350 Entour
6 x MAC 301 Wash
16 x Color Force 72 RGBA LED Cyc unit (8 top + 8 bottom)
All luminaires are fitted with stage-pin 2P&G 20A plugs

Other: 2 x Lycian M2 Medium Throw 2.5K Followspot.
1 x MDG Atmosphere Hazer.
Pharos Controller for RGB LED backlit walls programmed with presets that are triggered through DMX from console.

AUDIO EQUIPMENT

Yamaha M7CL w/ 2 x 16 channel Ethersound stage box, Dante output

- Comm/Tie-line/Data/Video bulkheads: USL, DSL, DSR, Catwalk
- Mic kit with DIs, cable, stands
- 8 x Stage Monitor Wedges
- 6 x Sennheiser Wireless mic combo kits

House Mix Position: Seats may be removed in the auditorium to provide a mix position.

TORONTO CENTRE FOR THE ARTS

TECH SPECS (DRAFT)

LYRIC THEATRE

AUDIO EQUIPMENT (CON'T)

House PA:

10 x L'Acoustics ARC cabinets are hung:
3 Left and 3 Right – hung horizontal
4 Centre – hung vertical
ARCs are powered by L'Acoustics LA-48 Amplifiers
Processing: BSS BLU 806
2 x Adamson S218 sub woofers sit beneath the stage lip
Powered by Crest 8001 Amplifiers
5 x L'Acoustics MTD-108 in stage-front as front-fills
4 x L'Acoustics MTD-108 as side-balcony fills
All MTD-108s are powered by Crest Amplifiers

SOFT GOODS

1 x 25 oz. Dove (light-grey) velour Main Drape: centre-split, 100% fullness, 2 panels, draw SR
1 x 21 oz. Black velour Midstage traveler: centre-split, 0% fullness, 2 panels, draw SR
1 x 21 oz. Black velour Upstage traveler: centre-split, 0% fullness, 2 panels, draw SR
1 x Bleached Muslin Cyc
1 x Black Scrim
1 x 21 oz. Dove (light-grey) velour Main Valence
5 x set of 21 oz. black velour legs, flat
5 x set of 21 oz. black velour borders, flat
5 x black velour German tabs on track both SR and SL

LIGHTING POWER

400A 3Φ 120/208V 5-wire Fused Disconnect Switch:
One (1) Offstage Upstage Left – tails needed
One (1) Stage Left at Catwalk level – tails needed

SOUND POWER (I.G)

100A 3Φ 120/208V 5-wire Company Switch Downstage Left
Cam-lok J-series 1016 connectors or client-supplied tails
20A NEMA L14-20R 1Φ 2-pole 120/208V twist-lok – DSL & DSR (orange)
20A NEMA 5-20R 1Φ 120V U-ground throughout (orange)
2 x 200A 3Φ 120/208V 5-wire Fused Disconnect Switch:
One (1) Stage Right at Lower Grid level – tails needed
One (1) Stage Left at Upper Grid level – tails needed
50A NEMA 6-50 1Φ 2-pole 208V (1) Upstage Left at Stage level
3Φ 347/600V (1) Stage Left at Catwalk level – tie-in required
30A & 70A breakers available

TORONTO CENTRE FOR THE ARTS

TECH SPECS (DRAFT)

LYRIC THEATRE

SOFT GOODS

At the back of the orchestra level. Double pane windows in sliding doors open into the room. Two adjoining rooms accommodate Sound and Light Operators and a Stage Manager.

FREIGHT ELEVATOR

A Freight Elevator provides access from the loading dock to the basement level and to the second floor of the building.

Load Limit – 4763kg (10478 lbs.)
Door Opening – 2.43m x 2.43m (8'x 8')
Door to Back Wall of Cab – 3.35m (11'-0")

DRESSING ROOMS

All dressing rooms – with sinks, showers, and toilets – are at stage level

4 Rooms suitable for 1 to 4 Persons
1 Chorus Room for 20 People
1 Rehearsal Room, for an additional charge and subject to availability

LIGHTING POWER

1 Green Room w/ sink and fridge at Stage Level near Upstage Right

TRUCK LOADING

Three (3) Bay Loading Docks with a slightly inclined approach. Up to 3 x 53' trailers can accommodated at once.

Dock Height – 1.10m (3'-7-1/2")
Bay Door Height – 2.94m (9'-8")
Bay Door Width – 2.46m (8'-1")
Hydraulic Dock Plates

LOADING ACCESS

Lyric Theatre load-in is through a Loading Corridor off the main Loading Dock. There are three 90° corners and one gentle ramp in the Loading Corridor. Loading Doors into the theatre are 10' h x 8' w

LABOUR

The Toronto Centre for the Arts has collective agreements in place in the Lyric Theatre with the following union locals:

Stagehands: I.A.T.S.E., Local 58
Housekeeping Staff: I.A.T.S.E., Local B173