

**S A I N T  J O H N
T H E A T R E C O M P A N Y**

The BMO Studio Theatre

Technical Specifications



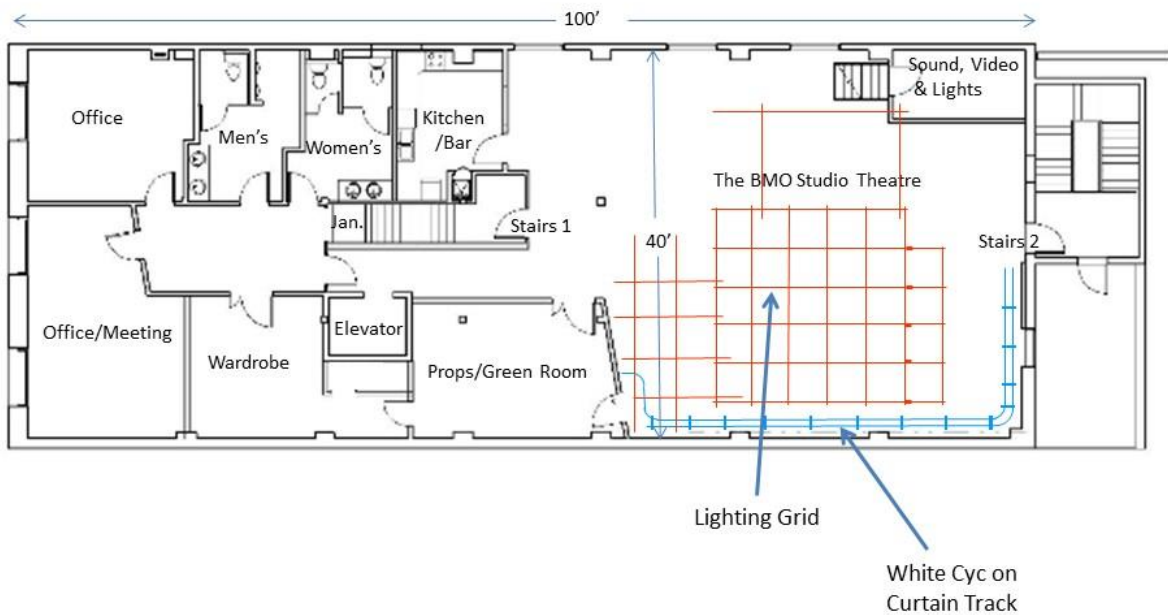
112 Princess St., Saint John, NB



The BMO Studio Theatre

**SAINT JOHN
THEATRE COMPANY**

112 Princess St., Second Floor



Saint John Theatre Company - Technical Specs, October 2023

- Room Size:** 40' x 40' (approx.)
- Grid Height:** 11' grid to floor height
- Floor:** Hardwood (Birch) painted flat black
- Risers:** Risers are available upon request. (NOTE: risers can be used for stage or audience).
- Elevator:** 5' 8" wide x 4' 3" deep (1727 mm x 1295 mm) 8' high (2100 lbs capacity).
- Electrical:**
1 – 40A circuit (NEMA 14-50R), backstage area.
6 – 20A 3-phase circuits (NEMA L21-20R), above lighting grid.
8 – 15A circuits (4 @ NEMA 5-15R (floor level) and 4 @ L5-20R (grid level)).
- Lighting:**
Console Type: The house control position is located in the production booth at extreme house left and elevated to 4'. ENTTEC OpenDMX/Ethernet Interface. ETCNomad lighting controller and Gadget II (two universe). MacBook Pro e/w QLab 4 (Full Licence) plus Eos software.
Dimmers: 30 Channels (ETC Smartbars on the lighting grid) @ 1.2kW/channel (L5-20 Twist Lock Connectors). Two Elation DP-415 dimmer packs (8 channels total)
Fixtures: 12 – ETC Source Four jr Zooms (25° – 50°) (575W), 12 – 7" Source Four Fresnels (20° – 65°) (575W) (c/w 4-way Barn Doors), 8 – ADJ Mega Par Profiles Plus, 2 – Strand Fresnelites (1KW). 4 – ADJ Mega Bar 50RGB.
Fixture Accessories: 10 – "M"-size Gobo Holders, 4 – 6.5" Donuts, 2 – Iris Drop In 18 Leaves for S4 Jrs.
Special Effects: Ultratec Radiance Water Based Hazer (CLF-2460), ADJ Fogger.

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- Sound:**
- Console Type:** Soundcraft S1 Expression 1 Digital Live Sound Console (e/w 16/4 100' snake to stage area). The house mix position is located in the production booth at extreme house left and elevated to 4'. iPad Pro e/w ViSi Remote application.
- PA:** Six - QSC K10 Mid/Highs (1K watts/unit RMS) and two - QSC K-Sub Subwoofers (1K watts/unit RMS). Two of these K10 Mid/Highs hang from grid for the main PA (can also be stand/pole mounted). Four of the K10 Mid/Highs are used as stage monitors.
- Playback:** Denon DN500C CD/iPod Player.
- Microphones and Direct Boxes:** 4 - Shure Beta 58 Mics, 2 - Shure SM57 Mics, 3 - Shure SM58 Mics, 1 – Sennheiser e816s Mic, 2 – Sennheiser MKE 600 Shotgun Mics, 2 - MXL 990/991 Mic Packages, 1 – Apex 747 Dynamic Mic, 1 – Apex 325 Bass Drum Mic, 3 – Digiflex Passive DIs (one stereo/two mono), 1 - Whirlwind IMP 2 DI..
- Wireless Microphones:** 2 – Shure SLX Wireless Systems with Beta 58 (x2), MX153 Earset Headworn Microphones (Tan)(x2) and WL183 Lapel Microphones (x2).
- Microphone Stands:** 6 – Black K&M 210/6 Boom Stands, 1 – Black K&M 25907 mid-low Boom Stand, 1 – Black K&M 259/1 extra low Boom Stand, 3 – Round Base Desktop Stands, 4 – Chrome Straight Round Base Stand
- Alternate Audio:** Yamaha A/V Receiver @ 110W/channel, 5.1 Surround Sound (Front (L+R), Centre, Surround (L+R) plus Subwoofer (300 watts RMS)) with a Denon CD Player.
- Video:**
- Projectors (x4):**
- Epson 4855WU Powerlite, 1080p Full HD (4000 Lumens)
 - NEC NP-PA653UL, WUXGA LCD Laser, (6500 Lumens) e/w optional zoom lenses: NP40ZL (.79-1.14:1) or NP41ZL (1.30-3.00:1)
 - Optoma HD 142X, 1080p Full HD DLP Projector (3000 Lumens) (x2)
- Elite Pull-Down Front Projection Screen – 150” diagonal (16:9)
- LG Blu-ray/DVD Player with access to “Alternate Audio” for 5.1 surround sound.
- Livestreaming Platform (1):** Roland V-1SDI Video Switcher , Sony PXW-X70 4K Camcorders (x2), Sony a7 III 4K Full-Frame Mirrorless Camera (x1).
- Livestreaming Platform (2): Blackmagic Studio** – ATEM SDI Extreme ISO 8-Channel Production Switch, Design Studio Camera 4K Pro G2 (x2), Design Micro Studio Camera 4K (x2), plus accessories.
- Drapes:**
- CYC (x2), IFR Trevira White Muslin (11’(h)x20’(w) and 11’(h)x60’(w))
- Black Velour, 12’(h)x10’(w) (x2)
- Black Velour, 10’(h)x49’(w)
- Intercom:**
- HME DX100 System with WH220 Headsets (4-User). Williams Sound “DWS COM 6 300” Digi-Wave Wireless Intercom System with four transceivers c/w headset mics.

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- Other:** Yamaha P-105B Digital Piano. Yamaha Clavinova. Baby Grand Piano. MacBook Pro e/w QLab 4 (Full Licence) and Roland Octa-Capture High Speed USB Audio Interface. Focusrite Scarlett 2i2 USB audio interface (x2)
- Seating Capacity:** The BMO Studio Theatre holds a maximum of 135 persons (NOTE: capacities will vary based on configuration).
- Chairs:** 100 – Vista Plus+ 7701-20 chairs by ComforTek Seating Inc.
- Tables:** 14 - 30" Rounds, 2 - 30" Squares and 16 - 6' folding tables (with black linens).
- Dressing/Green Rooms:** Portions of the wardrobe and props rooms can be made available for use as dressing and green rooms. Alternate dressing room(s) on the 1st fl.
- Washrooms:** One men's and one woman's washroom are available on the second floor and are shared with the audience. Additional washrooms are located on the first floor.
- Internet:** Wireless internet is available throughout the building, wireless key available upon request.
- Alcohol:** The BMO Studio Theatre is licensed for the sale of alcoholic beverages by the Saint John Theatre Company.

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Loading Dock: Rear of building off Horsfield St. (Dock height is 4'). Loading door; 8' (W) x 9' (H)



Loading Dock at Back of Building

Examples for optional seating arrangements:



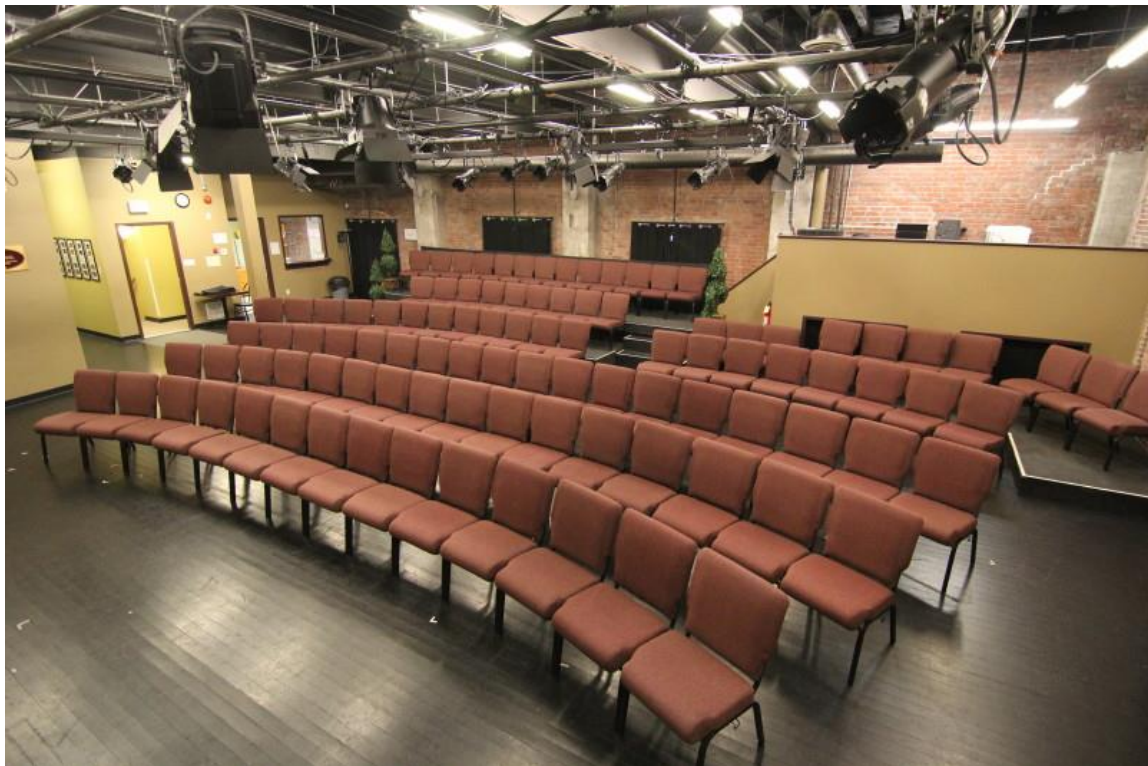
Cabaret (seating for 80)



In-the-Round (seating for 100)



Theatre (seating for 100)



Theatre (seating for 100)



Dinner (seating for 60)



Sound and Lighting Booth