

# **Orillia Opera House**

## **Gordon Lightfoot Auditorium**

### **Technical Specifications**

November 7, 2024

#### **CAPACITY**

677 incl. 32 designated wheelchair spaces  
420 Orchestra Level  
257 Balcony Level

#### **STAGE DIMENSIONS**

Proscenium 19' H x 32' W  
Total Deck Area 29' D x 54' W (including 11'-0" wings) w/curved apron @ 3' SR to 5' C to 3' SL.  
Grid 38'2" above Deck  
Stage Height 3' 6" above Auditorium Floor

#### **FLIES**

| <b><u>TYPE</u></b> | <b><u>DESCRIPTION</u></b>                | <b><u>Feet from D/C Edge</u></b> |
|--------------------|------------------------------------------|----------------------------------|
| Main               | Drape Red traveler with border           | 9'-0"                            |
| Motorized          | Light Pipe First LX, 18 Circuits, 2.4 Kw | 10'-6"                           |
| Electronic Fly     | Line Set #3                              | 12'-0"                           |
| Electronic Fly     | Line Set #4                              | 13'-0"                           |
| Draperies          | Black Border                             | 14'-6"                           |
| Motorized          | Second LX, 12 Circuits, 2.4 Kw           | 15'-0"                           |
| Manual Fly         | 32' pipe                                 | 16'-0"                           |
| Electronic Fly     | Line Set #7                              | 16'-3"                           |
| Draperies          | Black Border                             | 18'-3"                           |
| Electronic Fly     | Line Set #9                              | 18'-9"                           |
| Motorized          | Third LX, 12 Circuits, 2.4 Kw            | 20'-0"                           |
| Electronic Fly     | Line Set #11                             | 21'-6"                           |
| Draperies          | Black Border                             | 22'-9"                           |
| Electronic Fly     | Line Set #14                             | 23'-6"                           |
| Motorized          | Fourth LX, 10 @ 2.4 Kw & 6 @ 1.2 Kw      | 25'-0"                           |
| Electronic Fly     | Line Set #16                             | 26'-6"                           |
| Manual Fly         | 32' pipe                                 | 28'-3"                           |
| Electronic Fly     | Line Set #18                             | 28'-6"                           |
| Upstage Wall       | Back wall                                | 29'-3"                           |

. Claude Labrecque - Technical Director

office 705-325-4566 • cell 705-730-9269 • [Clabrecque@orillia.ca](mailto:Clabrecque@orillia.ca)

## **Orillia Opera House - Continued**

### **LIGHTING**

| <b>ITEM</b>                                                       | <b>WATTS</b> | <b>NUMBER</b> |
|-------------------------------------------------------------------|--------------|---------------|
| ETC Series 2 Lustr w/36 deg.                                      | LED          | 7             |
| ETC Series 2 Lustr w/50 deg.                                      | LED          | 2             |
| CHAUVET Rogue R1X Spot                                            | LED          | 4             |
| CHAUVET Rogue R2 Wash                                             | LED          | 9             |
| CHAUVET Intimidator 375Z-IRC                                      | LED          | 1             |
| ETC Color Source Cyc Lights                                       | LED          | 6             |
| ETC S4 26 degree 6 x 12                                           | 750 w        | 12            |
| ETC S4 36 degree 6 x 9                                            | 750 w        | 12            |
| ETC S4 Parnel (Fresnel)                                           | 750 w        | 24            |
| ETC S4 Par                                                        | 750 w        | 12            |
| ETC S4 25 - 50 degree zoom                                        | 750 w        | 12            |
| Extra ETC Barrels 50 degree                                       |              | 4             |
| Extra ETC Barrels 19 degree                                       |              | 4             |
| Chauvet Slim PAR 64 RGBA Par Can (SlimPAR 64 RGBA)                |              | 8             |
| Strand Iris 3 cyc                                                 | 1 Kw         | 4             |
| 20 deg. Berkey                                                    | 1 Kw         | 4             |
| Rosco I-Cue Mirror                                                |              | 1             |
| 10" Scoop                                                         | 500 w        | 2             |
| Robert Juliat Roxie Follow spot                                   | 300 w LED    | 1             |
| Altman Q1000 Follow Spot                                          | 1 Kw         | 1             |
| (Spot positions at rear of house. 76' throw to DSC at 23 degrees) |              |               |

### **SOUND**

| <b>ITEM</b>   | <b>MAKE</b>                                         | <b>NUMBER</b> |
|---------------|-----------------------------------------------------|---------------|
| Sound Console | Digico Quantum 225                                  | 1             |
| Amplifiers    | Lab Gruppen D200 Amplifier (Subwoofers)             | 1             |
|               | Lab Gruppen D120 Amplifier (Main Hang)              | 2             |
|               | Lab Gruppen D80 Amplifier (Balcony Fill)            | 1             |
|               | Lab Gruppen D80 Amplifier (Front Fill/Under Balc)   | 1             |
|               |                                                     |               |
| Speakers      | Adamson iS7 Line Array Module                       | 16            |
|               | Adamson E-219 Dual 19" Subwoofer                    | 2             |
|               | Adamson PC5i Fill Speaker (front fills/under stage) | 4             |
|               | Adamson PC5i Fill Speaker                           |               |
|               |                                                     |               |

**• Claude Labrecque - Technical Director**

## Orillia Opera House - Continued

|                      |                                                                        |    |
|----------------------|------------------------------------------------------------------------|----|
|                      | (Under Balc Custom)                                                    | 4  |
|                      | Adamson IS7P Series                                                    | 2  |
|                      | Adamson iS18 Single 18"                                                |    |
|                      | Subwoofer                                                              | 2  |
| Processing           | Xilica FR Series 8 ANA/8AES/<br>DANTE                                  | 1  |
|                      | Xilica Touch SM7 Mkii                                                  | 1  |
|                      | Custom Input Panel w/ XLR for<br>Analog & Digital w/ CAT5 for<br>Dante | 1  |
| Monitors             | DB DVX28 self-powered                                                  | 6  |
|                      | JBL PRX512 self powered                                                | 4  |
|                      | Mackie SRM450 self powered                                             |    |
|                      | (Dead Hung wings SR & SL)                                              | 2  |
|                      | GALAXY AUDIO PA6's                                                     | 2  |
|                      | QSC CP8 self-powered                                                   | 4  |
| CD Dual Player       | Denon DN-500DC                                                         | 1  |
| Mics                 | Shure Beta 58                                                          | 8  |
|                      | Shure SM 57                                                            | 4  |
|                      | EV BK1 Condensor Cardioid                                              | 2  |
|                      | Sennheiser MD421                                                       | 2  |
|                      | Shotgun, Beyerdynamic                                                  | 2  |
|                      | Area, Crown PCC 160                                                    | 2  |
|                      | Audio Technica AT4041                                                  | 7  |
|                      | Audio Technica U857Q Podium                                            | 2  |
|                      | Audio Technica U851R Boundary                                          | 3  |
|                      | Audio Technica U853R Choral                                            | 2  |
|                      | Audio Technica ATM250                                                  | 4  |
|                      | Shure Beta 91                                                          | 1  |
|                      | Shure Beta 98                                                          | 3  |
| DI's                 | Rapco DB101SL                                                          | 8  |
|                      | BSS AR133 Active                                                       | 4  |
| Mic Stands           | Round Base                                                             | 6  |
|                      | Tall Tripod Base                                                       | 16 |
|                      | Small Tripod Base                                                      | 6  |
| Wireless Microphones | Shure                                                                  |    |

. Claude Labrecque - Technical Director

## Orillia Opera House - Continued

|                      |                                |      |
|----------------------|--------------------------------|------|
|                      | Quad ULXD4Q-G50                | 2    |
|                      | ULXD1-G50 Bodypack             | 4    |
|                      | ULXD2/B58-G50 Handheld         | 4    |
|                      | ULXD2/B87A-G50 Handheld        | 4    |
|                      | SB900A Batteries               | 8    |
| Wireless Microphones | Audio Technica                 |      |
|                      | Receiver UHF AEW - R5200       | 12   |
|                      | Transmitter AEW T-1000         | 12   |
|                      | Microphones AT 899 CW-TH       | 12   |
|                      | Microphones AT BP893CW-TH      | 4    |
|                      | Microphones AT BP892CW-TH      | 12   |
|                      | Handheld ATW-T341              | 6    |
| Cables               | 40 channel/8 return 100' snake | 1    |
|                      | 8 channel sub snake 50"        | 2    |
|                      | XLR 50'                        | Lots |
|                      | XLR 25'                        | Lots |
|                      | XLR 10'                        | Lots |

## GENERAL INFORMATION

|                  |                                                                       |    |
|------------------|-----------------------------------------------------------------------|----|
| Risers           | 4 'x 8' @ 6"                                                          | 4  |
|                  | 4' x 4' @ 6"                                                          | 6  |
|                  | 2' x 8' @ 6"                                                          | 16 |
| Steps            | Stair units from stage to Auditorium floor                            | 2  |
| Pianos           | 7'-6" YAMAHA Grand Piano                                              | 1  |
|                  | SAMICK upright                                                        | 1  |
| Soft Goods       | Moveable Black Traveler<br>White CYC                                  |    |
| Power            | SL, 200 amp, 3 phase, w/ CAM locks<br>60 amp 3 phase WITH DRYER PLUG. |    |
| Lighting Control | Ion Xe 20 Console 2048 Outputs                                        | 1  |
| Projections      | Sony VPL 8000 lumens                                                  | 1  |
|                  | Roland V-1HD 4CH Video                                                |    |
|                  | Mixer/Switcher                                                        | 1  |
|                  | DVD Player                                                            | 1  |
|                  | Blu-Ray Player                                                        | 1  |
|                  | 9' x 12' Rear/Front projections screen                                | 1  |

. Claude Labrecque - Technical Director

## Orillia Opera House - Continued

|                                    |                                                                                                                                                              |                   |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Circuiting                         | 1 dimmer per circuit<br>96 2.4Kw & 18 1.2Kw<br>15 on back wall,<br>9 per wing<br>30 F.O.H.<br>3 on balcony<br>Rest on fly pipes                              |                   |
| Dimming                            | ETC Sensor+ SR48+ Rack<br>96 x 2.4 Kw<br>ETC L86 Rack<br>12 x 1.2 Kw<br>6 x 2.4 Kw                                                                           |                   |
| Networking                         | ETC Net3 Four Port Gateway<br>@ FOH 2 DMX universes in & 2 DMX universes out<br>ETC Net3 One Port Gateway<br>@ all LX pipes, SR, SL, Spot Booth and catwalk. |                   |
| Sennheiser Hearing Impaired System | Fixed transmitter<br>Stethoset receiver<br>Beltpack for loops<br>Induction Loops                                                                             | 1<br>10<br>4<br>4 |
| Hazer                              | MDG ATMe<br>Chauvet Geyser RGB                                                                                                                               | 1<br>1            |

\*\* Additional equipment can be rented for your special needs. \*\*

. Claude Labrecque - Technical Director

office 705-325-4566 • cell 705-730-9269 • [Clabrecque@orillia.ca](mailto:Clabrecque@orillia.ca)