



TECHNICAL SPECIFICATIONS

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Scenery Dock:

There is good access for all sizes of truck to the loading door and ample free parking for other vehicles to rear of Arts Centre. Stage Door is located beside the loading door at the rear.

Loading door 4m high and 3m wide, 1.3m above ground level

Stage

| | |
|--|---|
| Surface | Masonite (painted black) over hard wood |
| Stage | Width 9m, Depth 7.25m |
| Proscenium | Width 9m, Height 4.95m |
| Wings | Prompt side: 3.4m OP: 2.7m |
| Forestage (same level as stage) | Width 4m, Length 15.7m |
| Grid Height | 10.7m |
| Fly Height | 5.2m |
| Counter Weight Lines | 25 usually 6 free for scenery |
| Three Phase on stage | 50 amp (5 pin) |
| Three Phase on Fly floor | 40 amp x 5 (5 pin) |
| Three Phase in Control room | 32 amp (5 pin), 10 amp (5 pin) |

It is possible to screw / nail into main stage floor.

It is not permitted to screw or nail into forestage which is quality hardwood.

Masking and Tabs

| | | |
|----------------------|---------------------|---|
| House curtain (blue) | Electronic opening | |
| Four sets black legs | Four black borders | Two black curtains travelling and flown |
| One white cyclorama | one cinema screen - | 6.16m clearance over when fully flown |
| One fire curtain | | |

Dressing Rooms

There are three heated Dressing Rooms suitable for up to 40 performers in total. The small Dressing Room is suitable for three persons and is lockable. Show Relay to all dressing rooms

Audio

Mixing

| | |
|---|------------|
| 1 | MIDAS M32 |
| 2 | MIDAS DL16 |
| 1 | MIDAS M32C |

Equipment List

| | |
|---|--|
| 2 | Mackie SR1530 Active 15-inch 3-way powered speakers |
| 2 | Mackie SRS1500 powered Sub-woofers |
| 4 | Bose 802 speakers {two mounted for Front of House option} |
| 4 | EV FM 1502 Foldback |
| 2 | EV FM 1202 Foldback |
| 4 | Shure ULX4 58a Radio Receivers / microphones and Belt pack with Lapel / Headworn Mic |
| 4 | Shure ULXD4 radio mics (87a handheld and Belt pack with Lapel / Headworn Mic) |
| 8 | Shure SM58 vocal mics |
| 3 | Shure SM57 instrument mics |
| 6 | Passive DI |
| 2 | Stereo Active DI |
| 1 | Shure Beta 87A vocal mic |
| 2 | Rode NTG-2 Choir mics |
| 2 | Rode NT1-A Studio mics |
| 1 | Rode NT4 stereo (X-Y) condenser mic |
| 3 | Shure beta 91a Surface Mics |
| 1 | Drum Mics 1 x V Kick Dynamic Bass Drum Mic 3 x V Beat Dynamic Tom Mics with V Clamps 1 x V7 X Super Cardioid Dynamic Instrument Mic 2 x sE8 Small-Diaphragm Condenser Mics |
| 8 | K & M Boom mic stands |
| 2 | K & M Short mic stands |
| 3 | Dressing Room Speaker Stations |
| 1 | Numark MP103 single CD player |
| 1 | Numark CDN77 Twin CD player |

Stage Manager

Stage Manager prompt corner includes house curtain control, auditorium lights, bell chimes, clock, paging and talk back to all areas.

Pianos

| | |
|------------------------------|-------------------|
| 1 x Steinway Grand (Model D) | 1 x Kawai upright |
| 1 x Adjustable stool | 1 x Stool |

Lighting

Note: we do not hold a wide stock of colour gels. Please get in contact if you require specific colours.

Consoles

| | |
|-----|-----------------------------|
| 1x | ETC ION XE20 |
| 60x | 2.4 K LSC Dimmers (DMX 512) |

Lighting Bars & channels

| | |
|------------------------------------|--|
| Front of House | 18 channels (Note: lights cannot be moved.) |
| Boom positions | 1 channel each side (There is only one light per boom) |
| Orchestra bar | 15 channels |
| LX bar 1 | 18 channels |
| LX bar 2 | 18 channels |
| LX bar 3 (cyclorama bar) | 12 channels |
| Floor traps (2 each side of stage) | 4 channels |

Profiles

| | | |
|------|--|--|
| 6 x | Cantata 18 degrees - 32 degrees | |
| 16 x | Source Four - 750w (on Front of House) bar | |
| 10 x | Prolite PR7W/T 650w Zoom spots | |
| 10 x | Selecon 650w Zoom spots | |
| 2 x | Selecon acclaim 650w profiles | |

Fresnels

| | | |
|------|---------------------|---------------------------|
| 10 x | Prolite PR12F 1200w | 7 x Prolite PR10 1200w |
| 7 x | Selecon 1200w | 12 x ETC Source Four 750w |
| 10 x | Prolite PR6F 650w | 13 x Selecon 650w |

Other

| | | |
|-----|--|---------------------|
| 2 x | Prolite followspots 2K with Colour Changer | 1 x 14" Mirror Ball |
| 8 x | Event lighting PAR19X12L | 4 x ACME 400SP |

| | | |
|---------------------------|--------------------|------------------|
| | LED | |
| 8 x | TourPro LED Stik 8 | 4 x PAR12X8L LED |
| 1 Hitachi Venue Projector | | |

General:

Please inform theatre Technician if there are any pyrotechnics or smoke used so Fire Alarm system can be isolated where required.

Sound and lighting can be operated either from the Control Room to the rear of the auditorium or from side of stage. Sound can also be operated from within the auditorium, behind the last row of seats. No seats need be removed. Length of cable required to run from front of stage to centre of rear of auditorium is 30m.

Please see stage plan for Fly lines, Bars have a SWL of 300kg inclusive of bar weights – Please note if any lines require moving you must give 48 hours’ notice, and a minimum call of 2 hours for 2 techs will be charged accordingly.

CAD plans of the stage area at Hamilton Performing Arts Centre are also available