



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
Rigging Points	Total of 6 10Kn points from grid beams
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
Speakers	
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
Microphones	
4	Shure ULX4 Radio Receivers / microphones and Belt pack
4	Shure ULXD4 Radio Receivers / microphones and Belt
4	Beta 87A Capsules for Wireless
2	Beta 58A Capsules for Wireless
4	SM58 Capsules for Wireless
10	Shure SM58 vocal mics
3	Shure SM57 instrument mics
1	Shure MX418 Cardioid Gooseneck
1	EV RE90P-12 Cardioid Gooseneck
1	AKG HM1000
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
2	sE V Kick Dynamic Bass Drum Mic
4	S EV Beat Dynamic Tom Mics with V Clamps
1	sE V7 X Super Cardioid Dynamic Instrument Mic
2	sE8 Small-Diaphragm Condenser Mics

2	sE BL8 Boundary Mic
3	Shure beta 91a Surface Mics
DI	
2	DB-01 Passive DI
2	Alctron DB-1 Passive DI
1	PSK PDB-100 Passive DI
1	Ashton DI10 Active DI
2	Behringer Ultra-DI DI20 Stereo Active DI
2	Mackie MDB-1P Passive DI
Mic Stands	
4	K & M One hand Straight Mic Stand – Round Base
8	K & M Tall Boom mic stands
2	K & M Short Boom mic stands
MISC.	
1	Numark MP103 single CD player
1	Numark CDN77 Twin CD player
3	Dressing Room Speaker Stations

STAGE MANAGER

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

PIANO

1 x Steinway Grand (Model D)
1 x Kawai upright

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	
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	
12 x	ETC Colorsource V 25-50	
16 x	ETC Source Four 15-30 Zoom	
10 x	Prolite PR7W/T 650w Zoom spots	
2 x	Selecon acclaim 650w profiles	
Fresnels		
12 x	ETC Colorsource V Fresnel	
12 x	ETC Source Four 750 Fresnel	
10 x	Prolite PR7-f 650W	
Other		
2 x	Prolite followspots 2K with Colour Changer	1 x 14" Mirror Ball
8 x	Event lighting PAR19X12L	4 x ACME 400SP
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 will be charged accordingly.

Rigging Points above stage are from overhead beams – Beams are located Centre Stage, 3.6m OP, and 3.6m Prompt. HPAC Hold small amounts of rigging equipment, if required please contact the Tech Team to discuss.

CAD plans of the stage area at Hamilton Performing Arts Centre are attached Below