

**2006/2007**

**HAMILTON PERFORMING ARTS CENTRE**



**TECHNICAL SPECIFICATIONS**

Technical Manager: Mark Pryle

***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 loading door at the rear.

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

***Stage:***

Surface: Masonite (painted blue/black) over hard wood  
Stage: Width 18.8m, Depth 12.5m  
Proscenium: Width 9m, Height 4.95m  
Forestage (same level as stage): Width 4m, Length 15m  
Grid Height: 10.7m  
Fly Height: 5.2m  
Counter Weight Lines: 25 usually 6 free for scenery  
Three Phase on stage: 50 amp  
Fly floor and Control room: 40 amp

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) flown and 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

***Audio:***

1 x EV PM1600 16 CH Powered Mixer with in built Digital Effects units  
2 x Mackie SR1530 Active 15-inch 3 way powered speakers  
2 x Mackie SRS1500 powered Sub-woofers  
4 x Bose 802 speakers (two with portable stands, two mounted for Front of House option)  
4 x EV FM 1202 foldback speakers  
2 x four Samson channel compressor/gate units  
2 x Shure UC24 B58 Radio Receivers / microphones  
4 x EV Clearscan & 2500 Radio Receivers / microphones  
3 x AKG CK 47 Choir microphones mounted over stage  
1 x AKG C568 Shotgun Mic mounted in Aud  
5 x Shure SM58 mics  
3 x Shure 819 Surface Mics  
2 x Hand Held Mics & 2 x Tie Tac Mics  
4 x K & M boom mic stands  
1 x Talkback Stage Manager Master  
4 x Belt Pack Mic and Headphone sets  
5 x Dressing Room Speaker Stations  
1 x Denon DNC-630 single CD player  
1 x Denon DRW Twin Cassette Deck  
1 x 1066 120 watt Hearing Aid Amplifier with Loop

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***Stage Manager:***

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

***Lighting:***

***Note: we do not hold a wide stock of colour gels. Please supply gels if you require specific colours.***

1 x DMX Jands Event Plus 60 Lighting Console  
60 x 2.4 K LSC Dimmers (DMX 512)

***Lighting Bars & channels:***

Front of House slot	15 channels	(Note: lights cannot be moved. Colour and re-focus only.)
Boom positions	1 channel each side	(There is only one light per boom)
Orchestra bar over forestage	15 channels	(Note: Not suitable for FOH lighting. Illuminates forestage only.)
LX bar 1	17 channels	
LX bar 2	17 channels	
LX bar 3 (cyclorama bar)	12 channels	
Floor traps (2 each side of stage)	4 channels	

***Profiles:***

14 Cantata 18 degrees - 32 degrees  
8 x Selecon 18 degrees - 32 degrees ZS 1200w  
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  
8 x Selecon 1200w  
10 x Prolite PR6F 650w 14 x Selecon 650w

***Other:***

2 x Prolite followspots 2K with Colour Changer  
1 x 14" Mirror Ball 2 x Scatterspots  
1 x Strobe 2 x La Maitre Smoke Machines

***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

***Pianos:***

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

***General:***

Please inform theatre Technician if there are any pyrotechnics or smoke used so Fire Alarm system can be temporarily disabled.

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.

**Scale drawing of the stage area at Hamilton Performing Arts Centre is also available**

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