

**The Playhouse Company Technical Specifications
The Drama Theatre**

1. PROSCENIUM OPENING:

Width	15.0m
Height	7.0m

2. MAIN STAGE:

Floor Covering	Masonite
Width from Prompt side wall to OP side wall	28.10m
Depth from Main Curtain to Rear wall	20.50m
Distance from Centre stage to OP side wall	15.40m
Distance from Centre stage to Prompt side wall	12.75m
Distance from Main curtain to front of Orchestra pit	4.30m
Height from Stage floor to grid	18.20m
Height from Stage floor to fly galleries	1st 7.35m
	2nd 12.00m
	3rd 16.00m

Side stage wings:	Prompt (W X D)	5.00m X 10.50m
	Area	52.20m ²
	OP (W X D)	9.00m X 10.50m
	Area	94,50m ²

Rear Stage (W X D)	14.00m X 10.80m
Area	151m ²
Opening in wall between Main and Rear Stage	13.6m X 8.58m
Maximum floor area	9.75m X 9.10m

Orchestra pit:	
Fixed pit tht can be covered to create apron, seats 18 musicians	
Maximum area	3.2mX10.5m

3. STAGE EQUIPMENT:

****No Stage Lifts****

4. FLYING EQUIPMENT: **THIS IS A MANUAL FLYING SYSTEM******

<u>Single purchase counterweight bars</u>	40 bars
Length	20.0m
Capacity (static and dynamic - not point load)	350kg
Distance of travel	17.85m
Speed	Variable

<u>Double purchase counterweight bars</u>	5 bars
Length	20.0m
Capacity (static and dynamic - not point load)	350kg
Distance of travel	17.85m
Speed	Manual
Between battens	0.25m

<u>Side battens:</u>	3 sets
L-type panorama	2 X 2.5m X 2.0m
	1 X 1.5m X 2.0m
Working load in pairs - not point load	450kg
Distance of travel	17.85m

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5. HOUSE DRAPES:

<u>Main tabs:</u> 1 X Orange electrically operated house curtain	
Vertical travel distance:	9.0m
Travel speed to open fully	13 secs
Horizontal travel speed	15.0m
Travel speed to open fully	13 secs

Black surround:

Black traverse curtains	2 X 18.0m X 9.0m
Black borders	5 X 18.0m X 3.0m
Black legs	10 X 4.4m X 9.0m

Back projection screen	1 X 15.0m X 9.0m
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Power supply:

3 phase 60 amp power outlets are available at strategic points on stage

6. STAGE ACCESS:

Set pieces are brought to the stage from street level by means of a Décor Hoist. This Hoist opens directly onto the Drama rear stage. It has removable pipes for stacking scenery.

Décor Hoist:

Width X Length	9.0m X 3.0m
Capacity	6 tons

Access door from street (W X H)	3.20m X 2.30m
Access door from loading bay (W X H)	3.15m X 2.30m
Access door from Drama stage (W X H)	7.40m X 3.43m
Travel distance - from street to level 2	6.15m
Maximum speed	0.25m per second

7. LIGHTING EQUIPMENT:

<u>Lighting control:</u> designer stalls available	Strand 520i
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<u>Channels:</u>	350
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Dimmers: (220V - 50Hz)

5KW Dimmers	24
2KW Dimmers	288
Non-dimmable circuits	24
Total	336

Front of House:

8 X Harmony 12
6 X Cadenza 12/22
20 X Harmony 15/28

Side slots:

Harmony 15/28 - 8 per side

Stage:

Bar 1	12 X Harmony 15/28 12 X Harmony PC
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Bar 2	12 X Harmony 15/28 9 X Harmony PC
Bar 3	12 X Harmony 15/28 9 X Harmony PC
Bar 4	10 X Harmony 15/28 9 X Cadenza F
Cyclorama	8 X Iris 2 (2 colour)
Additional lighting and projection equipment available by arrangement	
Followspots	2
Projectors	6 X Pani 2KW 2 X Pani 5 KW
Effects	Cloud, snow, rain, strobe, UV

8. SOUND EQUIPMENT:

Mixing console: Midas Pro 2 Digital Console
Midas Stage Rack DL 251 with 48 inputs 16 out
House PA: - Signal processing by Pevey Nion nx

PA left: 6 x Meyer M1D powered speakers
1 x Meyer M1D powered subs
1 x EV MTL2 sub

Cluster: 2 x EV SX300 speakers

PA right: 6 x Meyer M1D powered speakers
1 x Meyer M1D powered subs
1 x EV MTL2 sub

Accompanying PA Yamaha PA L 4 x DSR215
2 x DSR218
PA R 4 x DSR215
2 x DSR218

All Yamaha speakers are powered by Yamaha P-S series Amplifiers
Signal processing by Yamaha SP2060

Monitoring available by arrangement and based on availability

Monitor System: 6 x VRX 915M
6 x VRX 612M
6 x Crown Xti 4000 Amplifiers
Soundcraft MH 3

Playback and Mic-ing facilities available by arrangement
CD, Minidisc playback available

9. DRESSING ROOMS:

Level 2:

Room 208	5 persons - 1 toilet, 1 shower, 1 washbasin
Room 209	3 persons - 1 toilet, 1 shower, 1 washbasin
Room 210	3 persons - 1 toilet, 1 shower, 1 washbasin
Room 211	3 persons - 1 toilet, 1 shower, 1 washbasin

Level 3:

Room 306	8 persons, 1 toilet, 1 shower, 4 washbasins
Room 307	4 persons, 1 toilet, 1 shower, 2 washbasins
Room 308	4 persons, 1 toilet, 1 shower, 2 washbasins
Room 309	4 persons, 1 toilet, 1 shower, 2 washbasins