

GARDYNE THEATRE



The theatre is of the proscenium type with individual seats in a single tier facing the stage. Continuous curved seating rows are arranged on a steep rake to give good sightlines for performance or lecture use. There are aisles at each side.

At the front of the permanent stage there is a flexible zone formed from a single platform lift which gives the options of an extended forestage, orchestra pit, or additional stalls area. The maximum seating capacity of 367 applies when an orchestra pit or forestage is in use. When at floor level the capacity is 404. There are 4 wheelchair spaces with companion seats in the rear row of the auditorium.

The stage is separated from the auditorium by a one-piece framed fabric safety curtain and has full flying with single purchase counterweights.

Scenery delivery from the unloading bay is at stage level via a small scene dock.

The dressing rooms are at stage level and accommodate a maximum of 27 in seven rooms with WCs and showers.

Two rehearsal rooms adjacent to the stage have the theatre show relay and call system installed and can be used as overspill dressing rooms when required.

There is a kitchen facility with washing machine and tumble dryer.

Three lighting bridges and two side lighting slots are provided in the auditorium and performers can enter the forestage area at either side. Additional high level doors at each side of the proscenium can be used for sound reinforcement.

The theatre is equipped and licensed to full public performance standards.

A control suite at the back of the auditorium with a good view of the stage houses performance lighting and sound control with the option of open sound mixing in the central position. There are positions for two follow spots. There is a sound proofed room for translation services and audio described performances. There is an infra-red hearing system with 10 head sets available

Audience entrances are at the rear of the auditorium and open off the central atrium which is the main entrance to the whole building.

Dimensions

Distance from stage fixed front to furthest seat	16.00m.
Distance from forestage front to furthest seat	14.80m.
Structural proscenium width	9.40m
Structural proscenium height	5.25m
Height to grid underside	13.70m.
Clear height under galleries	5.80m
Fly tower and stage depth	8.30m
Clear stage width	19.40m
Width between galleries	14.30m

Stage

36 single purchase cross-stage counterweight sets, 300kg. payload Bar length 11.4m. with sliding extensions up to 1.5m. each end

1 House tabs counterweight

1 Border Counterweight

1 single purchase up/downstage bar each side 300kg. payload

1 hand line up/downstage bars each side

Trap room with 10 removable floor modules each 1.2 x 2.4m.

Variable proscenium black masking can reduce proscenium opening to 8.1 m. wide by 4.3m. high

Forestage

One orchestra pit lift when lowered creates pit with capacity for 22 players plus conductor. When raised lift can form a forestage with entrances from each side in front of the proscenium.

Loadings

Stage floor distributed	5.90kN/sq.m
Stage right fly gallery	2.95kN/sq.m
Stage left fly gallery	1.48kN/sq.m
Lighting bridge floors	1.48kN/sq.m
Grid (distributed)	2.45kN/sq.m
Grid (point)	1.36kN

Control Rooms

2 rooms at rear of seating for lighting control, follow spots and audio description. Open central control area can be used for sound and lighting control when required.

Production Lighting

Auditorium Lighting Positions:

Three fixed bridges, one immediately downstage of the proscenium

Two lighting slots per side.

One opening panel at each side of the proscenium.

Follow spot positions at each side of control area with option of one on centre line

Control Desk: ETC Element 500 Channel I 40 Submasters

Dimmers:

168- 3kw

12- 5kw

30 non-dim

Control: DMX and Ethernet throughout

Lamp Stock

10 x Source 4 Zoom 25/50 750w

30 x Selecon Rama 1200w

6 x Selecon Lui 4 way floods 1000kw

30 x Parcans

14 x selecon SPX 25-50

6 x Selecon SPX 15-35

10 x Source4 Junior 25-50

8 Acclaim Fresnel

16 Chrome Showtec Q4 LED Par 54

2 x Canto 575 Followspots

The above list is the rigged stock. Additional lanterns are in stock

Audio Visual

Panasonic 6000 lumens Projector

Projection screens available fitted on counterweight stage bars

High Speed Internet Connectivity available

Computer with hand help remote for powerpoint presentations

Full Video projection with sound via house PA

Power Supplies

Installed dimmers	300amp. TPN
Upstage left	200amp. TPN spare
Downstage left	1 00amp. SPN spare (sound)
Stage grid	60amp. TPN spare
Broadcast power	100amp. TPN

Performance Communications

Stage manager's desk sockets located downstage left & right. One Stage Managers socket in followspot auditorium rear position

Portable rehearsal desk uses the same sockets and one auditorium centre

18 cue light circuits, 20 intercom outlets

Dressing room calls and show relay

Show relay to all areas

Infra red - 1 channel hard-of-hearing, 1 audio description

Cable infrastructure for additional cameras/monitors to all technical areas. Links to building-wide CATV system.

Performance Sound

Behringer X32 – 32 Channel Console

Behringer S16 Digital Stage Box

4 X EM Acoustics 121-X Loudspeakers

2 X EMS-115 Sub Woofer

8 X EM Acoustics M10 Wedge Monitors

5 X Yamaha XP3500 Amplifiers

1 x Yamaha PS7000 Amplifier

6 X Shure SM58LC Microphones

4 X Shure SM57LC Microphones

4 X AKG SE391 Microphones

40 microphone circuits, 30 audio tie lines, 30 outlets for effects Speakers

Temporary cable ways throughout from loading bay to stage, auditorium and control positions.

2 x 40m CAT5 Tour Grade cables from Stage to FOH mix position

Pianos

Yamaha C2 grand piano

Yamaha GR1 upright piano

Roland RD-700NX Digital Piano