

Gala Theatre – Main House

Technical Specification for visiting companies

March 2019

Expires Jan 2020

**Gala Theatre
Millennium Place
Durham
DH1 1WA**



Auditorium

Maximum seating capacity 512, comprising of:

- 498 standard seats
- 5 wheelchair positions (concession rate)
- 5 wheelchair carer (free)
- 4 seat positions (held for Follow Spots)

Stalls and Circle face a separated proscenium stage with one lift which gives the options of creating a forestage, orchestra pit or stalls seating area.

Auditorium seating capacity with forestage or pit is 449, comprising of:

- 439 standard seats
- 5 wheelchair positions (concession rate)
- 5 wheelchair carer (free)
- 4 seat positions (held for Follow Spots)

All the stalls level seating is mounted on air castored wagon units. These units can be moved to the basement stores using the orchestra pit lift for transport.

By use of alternative plain wagons the whole auditorium stalls area can be converted into an open flat floor level with the stage. This creates an area of approximately 400sq.m, which can be used for exhibitions and banquets, with a total maximum auditorium capacity of 800.

By using auditorium hoists and the stage area counterweights a framework can be suspended over the flat floor for lighting, exhibition power distribution etc.

Orchestra Pit Lift

The single lift at the stage front can be used for audience seating, as an extension of the stage or as an orchestra pit. The lift links to fire separated areas under the stalls and stage used for storing seating wagons and the flat floor ceiling trusses. The approximate orchestra pit capacity is 40 players.

Backstage Accommodation

Total dressing room capacity 64.

Ground Floor: Dr 1 for 3 persons with disabled WC and shower
Dr 2 for 2 persons with showers
Dr 3 for 2 persons with showers
Dr 4 for 12 persons with showers

First Floor: Dr 5 for 9 persons with shower
Dr 6 for 11 persons with shower
Dr 7 for 7 persons with shower
Dr 8 for 4 persons with shower
Wardrobe and laundry

Basement: Dr 9 for 14 persons with showers,

The Council has adopted a policy of a total ban on smoking on all of their land and premises. The Visiting Company shall be

responsible for ensuring that this ban is strictly enforced.

Get-In

Stage 0.6m above road level via raised loading bay.
Space for 1 x 14m articulated lorry and one van to unload under cover.
Direct access to Stage Door for small deliveries independent of the stage.
Access measurement of dock door 2.45m x 4m

Passenger/goods lift to basement (orchestra pit) and first floor wardrobe.

Stage

Proscenium opening (width)	10m
Proscenium opening (height)	6m
Depth from back of proscenium wall	11m
Depth of fly tower with full flying	11m
Stage centre line to counterweight frame stage right	9.8m
Stage centre line to stage left wall	10.5m
Stage clear width overall	20.3m
Width between fly galleries	17.2m
Depth from back of proscenium wall to fixed stage front	0.6m
Height to underside of stage grid	15m
Clear height under galleries	6.5m

Variable proscenium black masking can reduce opening in width and height.

Stage surface 6mm oil-tempered hardboard on 25mm ply painted matt black.

House Tabs operation is by flying, not draw, operated manually from counterweight set 1 either at ground level SR or from fly floor.

Flying

36 x 13m long single purchase cross stage sets – 500kg SWL +1.5m sliding extension each end

1 x up/downstage counterweight set each side – 500kg SWL (Sets 2 & 3)

Auditorium Suspensions

12 x (four sets of three) movable 500kg chain-hoists run on high level tracks front to back over the auditorium. These are generally used for the suspension of advance truss positions.

Production Lighting

Lighting Positions

1 x Fixed FoH lighting bridge
1 x Flexible FoH lighting bridge (closest to stage) containing 13 x 15/30 S4 Zooms
2 x Auditorium perches (1 each side)
Circle front

2 x Follow Spot positions at rear of circle left and right – 4 seats held off sale.

Control

ETC Gio

2 x DMX Universes available local
Additional 8 Universes via art-net node

Dimmers

ETC Coloursource Dimmers
144 dimmable circuits feeding outlets as follows:

FOH	36	2.5kW
Auditorium Perches	12	2.5kW
On Stage Perches	12	2.5kW
Over Head	50	2.5kW
Stage	22	2.5kW
Circle Front	6	2.5kW (uses 3 Auditorium Perch Channels each side)
Under stage/Orchestra	6	2.5kW (uses 6 On Stage Channels)

19 x 10amp non-dim circuits controlled from portable panel which may be plugged in at the control room or used at the rear stalls open position.

NOTE

Auditorium House Lighting can be controlled either via wall mounted, push button (7 presets available); or via DMX.

Power Supplies

Stage Left	200amp Power Lock 125amp TPN 63amp TPN 2 x 63amp SPN
Sound	3 x 63amp SPN (1 x step to 32amp SPN)
Stage grid	100amp TPN
OB power	200amp TPN in workshop upstage right

Lighting Equipment

36	x	Par 64 Can
4	x	Short Nose Par 64 Floorcans
4	x	Six-Way IWB's of Par 64's
18	x	Strand Cantata 1.2kW Fresnels
10	x	Selecon Rama 1.2kW Fresnels
10	x	Robert Juliat 1.2kW Fresnels
6	x	Strand Alto 2kW Fresnels
20	x	Strand SL 15/32 Profiles
10	x	Strand SL 23/50 Profiles
6	x	ETC Source Four 25/50 Profiles
2	x	ETC Source Four Profiles – 19 degree
6	x	ETC Source Four Profiles – 26 degree
2	x	ETC Source Four Profiles – 36 degree
2	x	ETC Source Four Profiles – 50 degree
12	x	Strand 2kW Alto 8/16 Profiles (fixed on FOH Bridge 2)
13	x	ETC Source Four 15/30 Profiles
2	x	Robert Juliet Foxie 700w 10/24 Follow Spots
8	x	ADB 1kW Single Cell Cyc Flood Units
10	x	Thomas 4-Circuit 1kW Cyc Flood Units
6	x	Thomas 4-Circuit 1kW Groundrow Flood Units
7	x	Chauvet COLORado Solo Battens
14	x	Chauvet COLORado Batten 72 Tour LED Cyc Battens
6	x	Showtec Active Sunstrips

All the above equipment is subject to availability – please check with the technical department.

Chargeable Equipment

2	x	Antari F-5 Fazer - DMX Controlled Hazers
1	x	Jem ZR25 Smoke Machine
1	x	Jem ZR33 Smoke Machine
2	x	Jem Glaciators MkII
1	x	Macbook Pro (running QLab)
1	x	Le Maitre 6 channel Pyro System (standard & angled pods available)
1	x	Magic FX 4 channel Confetti System (2 pods available)
32	x	Sennheiser G4 Radio Mics (24 Belt Packs 8 Handheld)

Other Equipment available by quotation

Communications

Stage Manager's desk sockets located downstage left & right and control room.

The portable rehearsal desk uses the same sockets.

Cue lights - 30 outlets wired or patched to 12 ways on prompt desk.

Intercom to 41 locations.

Audio and video show relay to all areas.

Infra red:	1 channel hard-of-hearing, 1 audio description
Video:	Show Relay: Colour camera at back of stalls Cable infrastructure for additional cameras/monitors to all technical areas. Links to building-wide CATV system.

Sound

Front of House mixer:	DigiCo SD9 Stealth Core 2 2 x D-Racks each comprising 32 inputs and 8 x Outputs
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1 x CDPlayer
1 x Compact Flash Audio Recorder

Control Position:	Rear of stalls
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Main auditorium PA:	Left, Right + Centre – Renkus Heinz SR5/9 Rear Stalls and Circle Delays – Renkus Heinz SR62 – Front Fills – Martin DD6
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Monitor Loudspeakers	6 x RCF NX 12-SMA Active Monitors
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In addition to the above, we can hire other systems (L'Acoustic D&B etc) at a preferential rate.

Comprehensive Microphone Stock

SHURE

- SM58 8
- 58 β 3
- 57 3
- 57 β 3

SENNHEISER

- e604 4
- e845 1
- e865 1
- e914 7

AKG

- D112 1
- CK91 4 (Heads)
- CK98 2 (Heads)
- SE300B 5 (Bodies)
- C1000S 2 (Condenser)

CROWN

- PCC 160 2

D.I. Boxes

- BSS AR-133 7 (Active)

Communication is provided by a fully installed Tec-Pro Comms system with Headsets/Beltpacks and dressing room show relay and talkback.

Contact

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