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TECHNICAL MANAGER

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DEPUTY TECHNICAL STAGE MANAGER

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Contains directions and stock hire info.

August 2008

The last page of this document is a risk assessment form. We have to keep copies of assessments for all shows that visit the Yvonne Arnaud Theatre. If you do not have your own risk assessment please fill out the form provided and give a copy to me on arrival at the theatre.

Thank you

Liza Cheal.

TECHNICAL DETAILS

MAIN STAGE

Height of proscenium (Variable on winch)	4.57-5.49	(15'-18')
Proscenium opening	10.10	(33.2)
Front of stage to curved cyc wall @ centre	10.10	(33.2)
Depth of setting line	8.92	(29'3)
Height of grid	11.78	(38'6)
Gridded bar height	11.44	(37'6)
Clearance between fly floors	12.10	(39'8)
Clearance under fly floors	5.92	(19'5)
Clearance under PS return pulleys	4.62	(15'2)
Double purchase counterweights	31	

Tabs operated separately from stage level next to prompt corner

Hemp sets run in as necessary – hauling line available for 3 sets.

Many spot hauling lines available

Get in OP wing

Dock at stage level (tail board height) ramp available.

Stage crossover : corridor behind cyc wall accessed US PS wing to US OP wing.

NB: The front edge of the stage is not a true straight line. We have a dropped in gold line running straight and perpendicular to the CL just behind the front edge. CL seam is true.

Prompt desk: DS PS with cue lights and dual intercom system to all stations.

6 belt packs, + master station in lighting control box.

1 x B&W monitor with low light level camera on front of circle.

DOUBLE PURCHASE FLYING INFORMATION

31 line sets, average 200mm (9") apart, 9.45 (31') wide, with 2 x 1.20 (4') extensions per bar.

Maximum weight of scenery over bar weight:

Sets 1-19, 21-24, 26, 28, & 31 283kg (625lbs)

Sets 20, 25, 27, 29, & 30 232kg (513lbs)

Total number of 11.5kg (25lb) steel weights

owned by theatre 809

Total weight 9182kg (20,225lbs)

Total weight minus all empty bar weight 7321kg (16,106lbs)

Weight short of system max load 1197kg (2633lbs) 105 weights

Please note all our fly bars are gas barrel not scaff size.

ORCHESTRA PIT

Small: lose row A, access each side from stage to auditorium.

Medium: lose row A, no access stage to auditorium.

Large: lose rows A & B, definitely no access.

Prior notice required.

Pit restoration call signed off on get out sheet regardless of when restoration takes place: small & medium - 3 men @ 1 hour TMA get out rate.

large - 6 men @ 1 hour TMA get out rate.

Orchestra set up access: invalid corridor at side of auditorium, then 2 stairs up, 6 stairs down to pit edge, drop of approx 4'.

Orchestra show access: from back of stalls through auditorium to small ladders each side of pit.

ACCOMMODATION

Dressing rooms – prompt side/stage left.

1st corridor, up 1 level from stage level, rooms in order along corridor:

DR 1 1-2 persons. Divan bed. Fridge.

DR 4 1 person.

DR 3 1 person.

DR 2 1 person. Fold away Z bed.

Wardrobe room : iron and board available.

Separate on corridor: M and F toilets. Shower cubicles.

Kitchen opp. DR1 containing sink and drainer, fridge, microwave.

2nd corridor, up 2 levels from stage.

Co. Manager's office Telephone. Safe. Separate phone line for computer link up.

DR 5, 6, 7, 8 1 person.

DR 9 12 persons

Separate on corridor: M & F toilets. Shower cubicles.

Wash room containing automatic washer, twin tub, domestic dryer, super capacity dryer.

NB: Washing liquid to be used only in the automatic washer. Any powder use will result in a charge for cleaning.

3rd level:

DR 10 10 persons

Opposite: bathroom with toilet and shower.

LIGHTING EQUIPMENT LIST – August 2008

FRONT OF HOUSE (Please see the attached drawing of our fixed front of house rig)

32	x	19 degree 750w ETC Source 4
32	x	26 degree 750w ETC Source 4
2	x	Robert Juliet Foxie MSR Followspot

ON STAGE

38	x	Patt 743 with barn doors
8	x	Patt 243 with barn doors
6	x	Minuette Fresnels with barn doors
24	x	Strand SL 15-32 profiles
12	x	Strand SL 25-50 profiles
40	x	Par 64 (a mixture of lamps are available)
15	x	AC1001 Floods with colour cartridges
8	x	Coda 4 Flood Battens

CONTROL

Strand Lighting 520i controlling
120 channels of STM dimming. (114x 2kW & 6x 5kW).
(Please note: Tab Warmers are controlled by one of these dimmers).

20 x 2kW dimmers are fixed front of house, with a further 28 patchable from onstage.

94 x 2kW dimmers are available onstage, plus 6 x 5kW dimmers.

ACCESSORIES

20	x	Gobo holders for ETC Source 4
10	x	Iris assemblies for ETC Source 4
20	x	Gobo holders for Strand SL
12	x	Iris assemblies for Strand SL
1	x	Strand R120 Wireless Remote
1	x	Stage Electrics 500 Series Wired Remote

EXTRA POWER

All located in the upstage left wing

200A 3 phase. Power Lock

125A 3 phase ceeform

63A 3 phase ceeform

32A 3 phase ceeform

3 x 63A Single phase ceeform

3 x 32A Single phase ceeform

3 x 16A Single phase ceeform

32A 3 phase supply in crossover corridor behind the stage. This is generally used for supplying power to motors, revolves

RIGGING POSITION INFORMATION

The pros booms' lowest rigging point is at 1.7 metres up from stage level with a maximum height rigging position of 5.40 metres.

There are 2 perch boom positions (marked on the ground plan)

We own a further 4 booms that can be positioned under the on-stage edge of either of the fly floors.

Advanced bar position does not contain rigging although hoist points exist. Please book and arrange rigging equipment accordingly.

There are 2 FOH bridges, (Bridge 2 gets the better short up stage)
There are other FOH rigging positions, please see the ground plan.

CONTACT

Justin Sutton (Chief Electrician)

Theatre: (01483) 440077

e. Mail: jsutton@yvonne-arnaud.co.uk

SOUND TECHNICAL SPECIFICATIONS

January 2009

MIXING POSITIONS

There are four mixing positions available:

1. Onstage. (Tielines & sound power are located in the SL wing)
2. Control Box. (Behind Glass)
3. Box E. (No Glass) Requires the removal of 4 seats.
4. Rear of stalls. (Requires the removal of 8 seats) 2.00m x 2.00m

The rear of stalls position is large enough to accommodate a 40-ch analogue mixing desk, anything larger requires the removal of another 2 seats.

SOUND POWER

- 1 x 32A single phase clean feed DSL
- 1 x 16A single phase clean feed DSL
- 1 x 32A single phase clean feed FOH mix position movable to box E
- 2 x 13A single phase clean feed control room

TIELINES

- 9 x XLR tielines from FOH mixing positions to DSL
- 12 x XLR tielines from DSL to amp rack USL

- 16 x XLR tielines from "box E" and the "Control Box" which come out DSL & DSR wings

STAGE MANAGEMENT FACILITIES

The prompt desk situated DSL incorporates:

- 12 x Q-Lites. (2 in control box and 10 on-stage)
- 1 x Show relay system to all back-stage dressing rooms, offices & DSM.
- 1 x Calls system to all back-stage dressing rooms & offices
- 1 x Calls system to all FOH areas
- 1 x Low-light level camera with infrared light source with B&W monitor

COMMUNICATIONS

- 1 x RTS MCE325 master station (Situated in Control box)
- 1 x RTS SAP612 Matrix unit
- 5 x RTS BP325 Beltpacks
- 1 x Sennheiser HMD410 headset (For use with master station)
- 4 x Beyer DT108 headsets
- 3 x Beyer DT109 headsets

SPEAKERS

- 4 x D&B CI9 (FOH Standard Rig)
- 2 x Martin Audio CX2.
- 4 x Martin Audio CXW.
- 10 x JBL Control 1 Speakers (often rigged and used for surrounds in the auditorium)

AMPS/CONTROLLERS

- 4 x D&B E-pac (Drives FOH System)
- 2 x Lab Gruppen fp 2200
- 1 x Lab Gruppen fp 2400Q
- 3 x Martin Audio EX2 Controllers

SOUND DESK

- 1 x Soundcraft GB4 16 channel

PLAYBACK

- 2 x Denon DN C630P CD Players
- 2 x Tascam MD 350 MD Players/Recorders

SIGNAL PROCESSING

- 1 x Yamaha SPX 900 effects processor

MICROPHONES

- 2 x Shure SM58 microphones
- 4 x Realistic P.Z.M. microphones
- 5 x Trantec S3500 VHF Radio mic receivers with ADU
- 4 x Beltpack TX (for above)
- 2 x Hand held TX with condenser capsule (for above)

Other Microphones are available. Please enquire.

- 2 x mic stands

TOURING PLAYBACK RACK

The following equipment is housed in a 20U flight-case and only available by arrangement with the Chief Electrician as it is designed for use on our own touring shows.

- 1 x Yamaha 01V Digital sound desk with additional output card.
- 1 x Akai S5000 Sampler (256Mb Ram, 9Gb HD & 16 Outputs)
- 1 x Akai S5000 Sampler ???
- 1 x 1GB Jaz drive for above
- 1 x Carillon AC-1 LE PC with Windows XP Home & G-type software
- 1 x Remote GO/STOP/NEXT/PREV keypad for G-Type
- 1 x Cat 5 Extender with additional keyboard, monitor & mouse
- 1 x 40m Cat5 & G-Type remote extension
- 1 x 10m Keyboard/Mouse/Monitor/Remote extension cable

PRE-SHOW ANNOUCEMENT SYSTEM

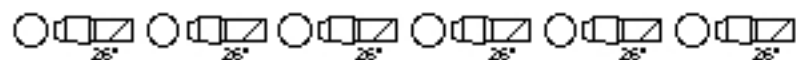
Our FOH system also incorporates a pre-recorded mobile phone announcement system. The announcement is operated from the prompt desk and uses the MIX IN input of the E-pac amps. This means it can be operated independently of any touring/house sound desk.

CONTACT

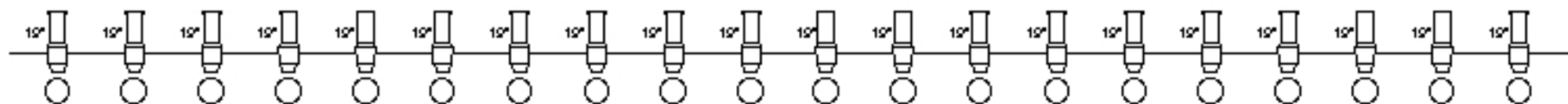
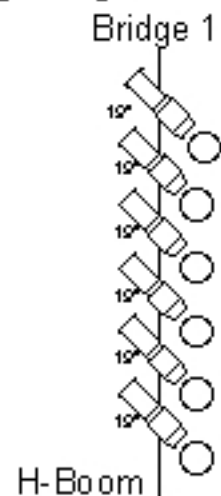
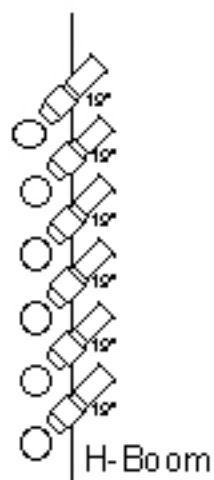
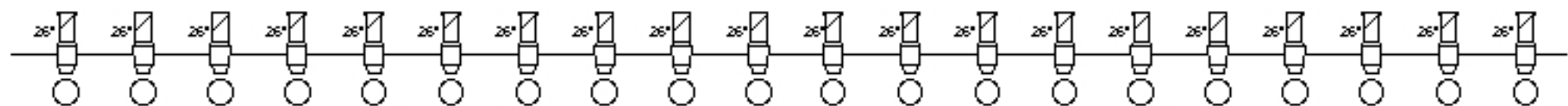
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Yvonne Arnaud Theatre Front of House

V-Boom



V-Boom



Bridge 2

Circle Front