

**Technical Specification**

**The Radlett Centre**

**Contact**

**Technical** **Manager** Luca.Romagnoli@radlettcentre.com

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**Access & Stage**

**Load-In Access** – Stage left dock doors (2.9m x 2.6m) opening directly onto car park

**Prompt Desk** – Downstage left with backstage paging system & colour monitor showing stage

**House Tabs** - Blue velvet tabs on motorized track - Controlled from prompt desk and control room

**Cyc** - White wall at back of stage

**Masking** – Black legs, borders and split blacks

**Tracks** - 1 TripleE split-track & 1 TripleE swipe track

**Height Access** – Tallescope & 12-step 3 tier Zarges

**Power**

|  |
| --- |
| 63 amp 3-phase – Stage right dock |
| 32 & 16 amp single – Stage left dock *N.B. No in house distro or cable available* |

**Flyfloor**

Mezzanine above stage left dock

5 Motorized lighting bars (300kg SWL)

1 Manual winch lighting bar (200kg SWL)

18 x 4-line-hemp bars (75kg SWL)

1 x 2-line-hemp bar (50kg SWL)

**Auditorium**

Raked seating – 202 seats

Flat seating – up to 98 seats with wheelchair space

Maximum capacity – 300

Infra-red Hearing System – Headsets distributed from box office

Dimmable white House Lights, LED batten uplighters

Air conditioning

200x chairs

17x 6-foot Trestle tables

12x 6-foot Round catering tables

**Backstage**

Large ground floor dressing room with Aircon and Toilet – 3.60 x 7.70 m (11’8’’ x 25’2’’)

Large substage dressing room with Aircon and Toilet – 7m x 3.20m (22’9 x 10’5’’)

2 x small substage dressing rooms with Aircon and Showers:

* Male Dressing Room – 4m x 3.60m (13’1’’ x 11’8’’)
* Female Dressing Room – 4.15m x 3.60m (13’6’’ x 11’8’’)

Green room with Aircon – 6m x 5.45m (19’6’’ x 5.17’8’’)

Kitchen – Kettle, fridge, microwave, washer/dryer – 2.12m x 2.20m (6’9’’ x 7’2’’)

Toilets

Show relay and paging speakers in each room

**Comms**

Tec Pro MS741 Master Station & various wired belt packs/headsets

**Sound**

**Monitor Amps** – 6 Passive Mixes

2 x Yamaha P4500 Power Amp

1 x Yamaha Yamaha P3500S Power Amp

**Monitors** – **Passive**

2 x Yamaha AX12M 12” 600W wedges

2 x Yamaha SM12V 12” 700W wedges

2 x db Technologies Arena 10 10” 300W

**Monitors** – **Active**

2 x HK PR:O 15D 1,200W

2 x HK PR:O 15XA 600W

2 x HK Linear 5 112 XA 1000W

**Desk** – Yamaha QL5

**PA** – Active Meyer System:

2 x UPA-1P Tops

2 x USW-1P Subs

3 x UPM-1P Delays

**Patch Bays** –

Hardwired 16 channel XLR patch bay (Stage Right)

Hardwired 16 channel XLR patch bay (Stage Left)

4 XLR Tie Lines (Male + Female)

6 x Speakon connected to monitor amps (3 per side)

4 Solid Shielded Cat 6 Tie Lines (Stage Left)

**Radio Mics** -

12 x Sennheiser SK500 Radio Mics (Lapel)

4 x Sennheiser SK100 Radio Mics (Lapel)

6 x Sennheiser Handheld Radio Mics

13 x Sennheiser EW500 G3 Receivers

4 x Sennheiser EW300 G3 receivers

2 x Sennheiser Antenna Splitter ASA 1

**DI Boxes** -

4 x BSS AR133

2 x MTR DI-3

2 x Behringer UltraDI

**Other** –

Apple Mac Book Pro (Qlab)

**Microphone Stock** –

2 x Shure SM58

9 x Shure Beta 58

9 x Shure SM57

2 x Shure Beta 57A

2 x Shure Beta 87A

1 x AKG D112 Kick Mic

1 x Sennheiser e902 Kick Mic

4 x Sennheiser e904 Drum Mics

6 x Sennheiser e614 Pencil Mics

3 x Audio Technica AT4021 SD Condenser Mics

3 x Crown PCC Boundary Mics

3 x Sennheiser Shotgun Mics

3 x AKG HM100 Hanging Mics

**Lighting**

**Lamp Stock – LED & Intelligent Fixtures**

4 x Chauvet Colorado Tour 144 Batten

8 x Chauvet SlimPar Pro Tri

6 x Chauvet Rogue R1 Spot Moving Lights

3 x Chauvet Maverick MK2 Spot Moving Lights

6 x Chauvet Rogue R3 Spot Moving Lights

4 x Chauvet Rogue R2 Wash Moving Lights

3 x Chauvet Force S Profile Moving Lights

**Projection**

1x Epson EB-L635SU 6000 Lumen Laser Projector

1x Fast-Fold Projection Screen 120" 16:9

1x Kramer HDMI Extender over Twisted Pair (1x Transmitter, 1x Receiver)

1x Kramer VGA Extender over Twisted Pair (1x Transmitter, 1x Receiver)

**Desk** – ETC Ion XE with 2 x 40 Fader Wings

**Dimmers** – 3 x Strand LD90 – 70 channels @ 2.5KW

**Circuits** –

FOH – 2 x Crawl Truss with 12 circuits on each

IWB Lighting bars with soft patching on flyfloor

Stage level dip boxes

**Lamp Stock** - **Conventional**

FOH Advance Bar – 10 x Source Four Zooms 25/50 with iris

FOH Bar 2 – 8 x Source Four Single Lens 19 degrees

16 x Fresnels 1200W

4 x Source Four Zooms 25/50

4 x Source Four Zooms 15/30

15 x Parcan 1KW (CP62)

6 x Lui 1KW Flood

2 x James Thomas D3641P Blinders

2 x Robert Juliat Ivanhoe Followspots

**Dimensions**

**Stage**

Height from Auditorium – 0.91m (3’)

Width – 8.23m (27’)

Depth – 8.38m (27’5”)

Cyc Height – 5m (16’ 4”)

Proscenium Height – 5.8m (19’)

Height to House Border – 4.17m (13’6”)

Maximum Flying Height – 9.1m (29’8”)

**Stage Left Wing**

Width – 1.6m (5’3”)

Height – 2.27m (7’4”)

*N.B. Height limited by fly floor*

**Stage Right Wing**

Width – 0.6m (1’9”)

Height – 9.1m (29’8”)

**Stage Left Dock (Load-In Bay)**

Width – 3.05m (10’)

Depth – 4.27m (14’)

**Stage Right Scene Dock**

Width – 6m (19’6”)

Depth – 7.5m (24’6”)

**Orchestra Pit**

0.3m (0.96’) Deep filled with 6’ x 4’ Pro Deck (18 pieces)

**Auditorium**

Width – 15m (49’2”)

Depth – 15.3m (50’2”)