

# The Radlett Centre

## Technical Specification



### Contact

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### Access & Stage

**Load-In Access** - Stage-left dock doors (2.9m x 2.6m) open directly onto car park  
**Prompt Desk** - Down-stage-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

1x 63A 3-phase – Stage-right dock  
1x 32A & 1x 16A single phase – 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 (300kg 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  
Sennheiser Infra-red Hearing System – Headsets distributed from box office  
Dimmable white house lights, LED batten uplighters and non-dim working lights  
Air conditioning

### 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

## 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")

## Lighting

**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 – 8 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

### Lamp Stock – LED & Intelligent Fixtures

4 x Chauvet Colorado Tour 144 Batten  
15 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 Martin MAC 700

### Projection

1x Panasonic LCD Projector PT-VX400NT 4000Lm  
1x Fast-Fold Projection Screen (H 7'5" W 10')  
1x Kramer VGA Extender over Twisted Pair (1x PT-110XL/TP Transmitter, 1x PT-120 Receiver)

# Sound

**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)

**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

4 x AKG HM100 Hanging Mics

**Monitor Amps** – 6x Passive Mixes

2 x Yamaha P4500 Power Amp

1 x 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

**Radio Mics** -

12 x Sennheiser SK500 Radio Mics (Lapel)

4 x Sennheiser SK100 Radio Mics (Lapel)

6 x Sennheiser Handheld Radio Mics

**DI Boxes** -

4 x BSS AR133

2 x MTR DI-3

2 x Behringer UltraDI

**Other** –

Apple Mac Book Pro (Qlab)

# Comms

Tec Pro MS721 Master Station & various beltpacks/headset

# Additional Equipment

**Treads and Rostra**

2 x Steel Deck Treads – L 1.77m W 1.14m

H 0.90m (6' x 4' x 3')

1 x Wooden Treads – L 2.44m W 0.93m

H 0.71m (8' x 3' x 2'3'')

4x Black 8'x 4' Pro Deck Staging Units

(with 1', 2' and 3' legs)

**Tables and Chairs**

200x Audience Chairs

13x Round Catering tables – 6' diameter

17x Trestle Tables – 6' x 2'5''

Additional CAD drawings available on request