

The Radlett Centre

Technical Specification



Contact

Technical Manager

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Deputy Technical Manager

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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) (nb. Bars 10 & 18 have permanent black tabs rigged)

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

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
- 3 x AKG HM100 Hanging Mics

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

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)

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 – 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

Lamp Stock – LED & Intelligent Fixtures

4 x Chauvet Colorado Tour 144 Batten
8 x Chauvet SlimPar Pro Tri
5 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
FOH Bar 2 – 8 x ColorSource Spot V5 Profiles
Single lens 19 (rigged FOH Bar 2
4 x ColorSource Fresnel V LED

Projection

1x Epson EB-L635SU 6000 Lumen Laser Projector
1x Fast-Fold Projection Screen 120" 16:9 427 x 240cm
1x Kramer HDMI Extender over Twisted Pair (1x Transmitter, 1x Receiver)
1x Kramer VGA Extender over Twisted Pair (1x Transmitter, 1x Receiver)

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")

2024/5

Please note, that some LX fixtures may not be available. Please check before.