Bradford Arts Centre Theatre Technical Specifications

**Stage**

11.5m wide x 8.0m deep plus 2.4m crossover. 4.0m floor to trusses

Sprung floor

Black Dance floor available on request

**Dressing Rooms**

2 Dressing rooms with shared access to shower and toilet

Additional accessible toilet and shower available backstage

**Load in**

Direct ramped access to stage from car park via loading doors 1.7m wide 3.3m high

**Lighting**

5 x Lighting trusses, Milos M290 HD Quattro

3 over stage, 2 FOH over audience

5x IWB’s constructed from 48mm alu. scaffold tube, suspended from trusses with 6 full couplers. Each IWB is 10m long and includes:

10x Neutrik powercon true1 sockets, spaced evenly

1x XLR-5 DMX output connector

1x Neutrik ethercon connector

Vertical IWB’s on stage side walls.

6x IWB’s constructed from 48mm alu. scaffold tube wall mounted vertically using 300mm standoff brackets, three on each side of the stage, spaced evenly.

Each is 3m high and includes:

3x Neutrik powercon true1 sockets, spaced evenly.

1x XLR-5 DMX output connector.

Each IWB fixed using 3x Doughty T33300 brackets, powder coated in black.

Stage Lighting Fixtures

6x Chauvet Ovation E-910FC

6x Chauvet Ovation OHDZOOM2550 lens

8x Chauvet Ovation Cyc-1FC

12x Chauvet Ovation F-415FC (with barn doors)

8x Chauvet Colordash par H7X

6x Showtec Powerspot9 Q5

4x Chauvet Rogue R1X moving head wash

4x Chauvet Rogue R1E moving head spot

Fixtures supplied with:

Self-locking easy clamps

Safety Bond with appropriate WLL

Barndoors/Shutters as appropriate

Fitted with Neutrik powercon True1 plug.

DMX cable

Lighting Control

1x ETC Ion Xe 20 with 2x multitouch PC monitors

2x Chauvet RDMX splitter 8

**Audio**

Main PA System

2x KV2 Audio ESR212 full range 3-way loudspeaker

These are flown from the truss.

1x KV2 Audio ESR2800D three-way, active control and amplification system

Control

1x Allen & Heath SQ5 16+1 Fader, 48 channel / 36 bus 96kHz digital mixer

2x Allen & Heath AB168 16 in / 8 out, remote portable expander, 48kHz. One installed in the control room rack for connection to patch bays, one available for use on the stage.

The expander port and S Link port from the AB168 installed in the control room is brought into the RJ45 patch bay in the rack.

Control Room Monitor Speakers

2x KV2 EX6 2-way speakers on wall brackets

Stage Monitor speakers

3x FBT X-Pro 112MA active stage monitor speaker

2x DB FM12 Floor Monitors

3x 10m XLR cables

3x 13A 10m extension cables

2 x 5m XLR + 13A cables

Microphones

6 x Shure SMS8 Wired Mics

4 x Shure SMS7 Wired Mics

1 x Sennheiser E835

2 x Sennheiser XSW 2-ME3 Lavalier Radio mic systems

2 x Sennheiser XSW 2-835 Handheld Radio mic systems

Assorted microphone stands

**Assistive Listening**

1x Listen Technologies ListenWIFI 2 channel Wi-Fi audio server.

This is fed from the audio desk via the AB168 in the equipment rack.

Ethernet cable to venue network and Wi-Fi will be provided in the rack. SSC terminates into patch.

1x 12-way rack-mount gigabit network switch with PoE for connecting additional devices to the network.

**Crew Comms**.

1x Eartec UltraLITE HD Single Master Headset

3x Eartec UltraLITE HD Single Remote Headset

4x Eartec Lithium 3.7 Volt 3.0Wh Re-Chargable Battery

1x Eartec Multi Battery 10-port Charging Base

1x Eartec Small Soft Padded Case

1x Eartec 12V 1.5A UK Charger Adapter

**Drapes and Track**

House Tabs

Triple E ERail overlap track operated by floor mounted hand winch. Overall size 11.7mtr long. Mounted to truss 3

2X Black Wool Serge DFR Durable Flame Retardancy – approx. 6m wide X 4 m high 50% fullness.

Border drape: 1x Black Wool Serge DFR Durable Flame Retardancy – approx.11.7m wide X 0.5 m high - Ties - Pockets 50% fullness

Border Drapes

4x Black Wool Serge DFR Durable Flame Retardancy – approx. 11.7m wide X 0.6m high - Ties – Pockets 30% fullness

Cyclorama

Triple E 2way wipe track with walkalong operation. Overall size 10mtr long. Mounted to lower-rear chord of the upstage truss.

1x Black Wool Serge DFR Durable Flame Retardancy – approx. 10m wide X 4 m high - Tab hooks – Chain pockets. 30% fullness.

Leg Drapes

These are designed to be positioned as desired along a track.

2x Triple E unibeam wipe track. 7m long. These are mounted to Unistrut P1000T slotted channel attached to the top of the truss, with the top of the track being flush with the underside of the trusses.

6x Triple E scenery carrier - Braked

6x Triple E swivel arms (including 2m x 25mm tube.)

6x Black Wool Serge DFR Durable Flame Retardancy – approx. 2m wide X 4 m high - Ties - Chains 30% fullness

**Facilities Panels**

FP1 Stage left

2 No. CAT6A socket outlets terminated to data patch in control room rack

2 No. XLR-3-M terminated to patch panel in control room rack

2 No. XLR-3-F terminated to patch panel in control room rack

1 No. XLR-5-M DMX input terminated to patch panel in control room rack

1 No. XLR-5-F DMX output terminated to patch panel in control room rack

FP2 Stage right

2 No. CAT6A socket outlets terminated to data patch in control room rack

2 No. XLR-3-M terminated to patch panel in control room rack

2 No. XLR-3-F terminated to patch panel in control room rack

1 No. XLR-5-M DMX input terminated to patch panel in control room rack

1 No. XLR-5-F DMX output terminated to patch panel in control room rack

FP3 Camera perch position

2 No. CAT6A socket outlets terminated to data patch in control room rack

2 No. XLR-3-M terminated to patch panel in control room rack

FP4 • Above desk level behind control desks

4 No. CAT6A socket outlets terminated to data patch in control room rack

2 No. XLR-5-M terminated to DMX patch in control room rack

FP5 Control room Monitor speaker - Left

1 No. XLR-3-M terminated to patch panel in control room rack

FP6 Control room Monitor speaker - Right

1 No. XLR-3-M terminated to patch panel in control room rack

**Control Room**

Enclosed room with removable window to facilitate live mixing.

Patch racks to Facilities panels

House lights control

Show blues control

Mac Mini with QLab