

TECHNICAL SPECIFICATIONS

LIGHTING

Grid: there is a grid of standard 48mm outside diameter barrel, permanently fixed above the auditorium; for fuller details please refer to the separate plan of the auditorium and stage. The grid is not internally wired - luminaires (with standard hook clamps and safety bonds/chains) are connected by extension cables to 15A 3-pin round sockets located on the side walls of the auditorium. Two single-arm brackets are mounted on the walls each side of the auditorium, in perch positions. Above the stage, a single lighting bar is mounted just upstage of the proscenium arch, with 15A sockets mounted on the upstage side of the proscenium arch.

Luminaires:

Stage

1. Cyclorama Battens: 2 x Strand 8-compartment units, 3 colour (usually fitted with red, green and blue filters), fixed in the position of No. 2 bar above the stage.
2. No.1 bar, immediately upstage of the proscenium arch: 2 x 500W Strand Prelude F Fresnels (with barn doors), 4 x 500W Strand Minim F Fresnels (2 with barn doors)

Front-Of-House

3. No. 1 FOH bar: (above stage apron) 2 x 500W generic Parcans
4. FOH side perches: 1x 500W generic Parcan, 1 x 500W Strand Patt 123 Fresnel (with barn doors) on each side of the auditorium
5. No.2 FOH bar: 3 x 500W Strand Patt 123 6" Fresnels (one with barn doors), 2 x 500W Strand Patt 23 Baby Profile Spots, 1 x 500W Strand Patt 23S Baby Profile Spot with 4 shutters
6. Rear of grid (equivalent to No. 3 FOH bar): 2 x 1kW Strand T64 Bifocal Profile Spots ('T Spots')
7. Mounted on rear wall of auditorium, above balcony: 2 x 1kW Strand T64 Bifocal Profile Spots

[Total 22 luminaires, plus 3-colour cyclorama battens]

Special Lighting Effects

Two Ultraviolet tubes are mounted on the upstage side of the proscenium arch.
A 200mm diameter mirror ball with rotator may be available by prior arrangement.

Follow Spots

The Arts Centre has no Follow Spots, but these may be hired in by prior arrangement.
Two can be positioned on the balcony.

Dimming

3 x Strand Act 6 dimmers, located in the Lighting Control Room, totalling 18 channels.
Each channel has 1 x 15A round pin outlet, fused at 10A per channel. The dimmers have analogue control, via 8-pin Bleecon inputs.

All lighting circuits terminate in 15A plugs adjacent to the dimming racks to allow circuit patching. N.B. Most FOH luminaires are paired at the dimmers, using grelcoes.

Control Console

Strand Tempus 18-way 2-preset manual desk, with adjustable timer (if required) for timed cross fades.

A Strand S72 Demultiplexer may be available by prior arrangement, enabling a DMX control signal to be converted to analogue, for feeding to the dimmer racks.

STAGE WORKING LIGHTS

1. 2 x 150W Strand Patt 237 floods on No. 1 bar, upstage of proscenium arch
2. 1 x incandescent lamp at high level above stage
3. 6 x bulkhead light fittings, with blue or red lamps or filters, located (a) wings, stage right, (b) fly gallery, stage right, (c) Stage Manager's corner, stage left, (d) and (e) stage left, by access steps from dressing room, (f) wings, stage left.

SOUND

- 2 speakers fixed to side walls of auditorium
 - 2 speakers fixed above proscenium arch
 - 2 speakers located behind proscenium arch, facing upstage (for use as foldback)
- Each pair of speakers is fed by a separate amplifier, (2 x Pioneer SA20, 1 x Marantz) located in the Lighting/Sound Control Room. Also provided in the control room are:
- CD Player - Ariston CDJ1210
 - Dual cassette tape deck - Akai HXA301W
 - Simple 2-channel "Synergy" sound mixer (a Phonic MM122 12-into-2 sound mixing desk may be available by prior arrangement)

A 16 + 4 way XLR multicore 'snake' runs between a stage box in the Stage Manager's corner (stage left) and the control room.

Microphones, microphone stands, DI box, audio cables etc. may be available by prior arrangement.

MAINS POWER ON STAGE

- 6 x 13A sockets (with RCD protection) stage left, in stage manager's corner
- 2 x 13A sockets (with RCD protection) stage right, on upstage side of proscenium arch
- 2 x 13A sockets stage right, on fly gallery

COMMUNICATIONS ETC.

- Internal Telephone System - links three locations - the Stage Manager's corner, the Lighting/Sound Control Room, and the main foyer/box office.
- PMR's (Personal Mobile Radios) - up to 10 may be available by prior arrangement.
- Cue lights - red/amber/green switched cue lights are connected between the Stage Manager's corner and the lighting/sound control room.
- Monitor Speakers (Show Relay): sound is fed from a pendant microphone above the stage apron, via an amplifier in the Stage Manager's corner, to speakers in (a) the ground floor dressing room, (b) the first floor dressing room, and (c) the Lighting/Sound control room. A Talkover microphone allowing the Stage Manager to talk to the dressing rooms can be added if required.
- A microphone is available in the control room for making announcements to the audience.

- Induction Loop (Hearing Loop): the system has a pendant microphone above the stage, a loop amplifier in the Stage Manager's corner, and a loop that gives good coverage in the auditorium, with some signal being available in the foyer and gallery/bar area.
- Closed Circuit Television (Show Relay)- a camera fixed to the rear of the lighting grid sends a video picture of the stage to (a) the Stage Manager's corner, (b) the ground floor dressing room. Further expansion of this system is planned.

STAGE MANAGER'S CORNER

- Located Stage Left
- Facilities
 - Wall-mounted bulkhead lamp (blue illumination)
 - Small storage cupboard
 - Rope set to operate house tabs
 - Internal telephone, linked to lighting/sound control room, and to main foyer/box office
 - Small colour TV set, giving video picture of stage from camera mounted on rear of lighting grid
 - Microphone to talk to dressing rooms, if required
 - Cue light system (red, amber, green), linked to lighting/sound control room

An illuminated lectern can be provided, e.g. for scripts etc.

- Also located in Stage Manager's corner:
 - Amplifier for dressing room monitor speakers
 - Induction loop amplifier
 - 16 + 4 way XLR stage box, with multicore 'snake' connected to lighting/sound control room
 - Foldback speaker (second speaker on opposite side of stage, on fly gallery)
 - 6 x 13A mains sockets, with RCD protection
 - Carbon Dioxide fire extinguisher (a water fire extinguisher is located in the stage door foyer, stage right)
 - Narrow door leading onto stage apron

LIGHTING/SOUND CONTROL ROOM

This is located at the rear of the auditorium behind and slightly above the balcony. It is not central, but is offset to the right of centre of the auditorium

Access to the control room is from first floor level in the building. It is **very** compact - maximum occupancy two persons (e.g. LX operator and FX operator)

Control Room Facilities - Lighting

- Dimming
 - 3 x Strand Act 6 dimmers, located in the Lighting Control Room, totalling 18 channels.
 - Each channel has 1 x 15A round pin outlet, fused at 10A per channel. The dimmers have analogue control, via 8-pin Bleecon inputs.
- All lighting circuits terminate in 15A plugs adjacent to the dimming racks to allow circuit patching. N.B. Most FOH luminaires are paired at the dimmers, using grelcoes.

- Control Console

Strand Tempus 18-way 2-preset manual desk, with adjustable timer (if required) for timed cross fades.

A Strand S72 Demultiplexer may be available by prior arrangement, enabling a DMX control signal to be converted to analogue, for feeding to the dimmer racks.

- House Light Controls

Dimmers and switches for 3 pairs of 500W Strand Coda floods, used as auditorium house lights

Dimmer switch for pendant lights above balcony

- all of these lights can also be switched from the main entrance foyer

(Downlighters at the rear of the auditorium, underneath the balcony, cannot be operated from the control room - they can only be switched from the foyer)

Control Room Facilities - Sound

Amplifier - Pioneer SA20 - feeding pair of foldback speakers upstage of proscenium arch

Amplifier - Pioneer SA20 - feeding pair of speakers on side walls of auditorium

Amplifier - Marantz - feeding pair of speakers above proscenium arch

Receiver (tuner/amplifier) - feeding pair of monitor speakers in control room

CD Player - Ariston CDJ1210

Dual cassette tape deck - Akai HXA301W

Simple 2-channel "Synergy" sound mixer (a Phonic MM122 12-into-2 sound mixing desk may be available by prior arrangement)

A 16 + 4 way XLR multicore 'snake' runs between a stage box in the Stage Manager's corner (stage left) and the control room.

N.B. The control room is fully enclosed, with a large double-glazed window facing the stage. It is not possible to hear "live" sound from the stage and auditorium - it can only be monitored indirectly using speakers or headphones.

Control Room Facilities - Communications etc.

Internal telephone, linked to stage manager's corner and to main foyer/box office (the power supply for this system is located in the control room)

Monitor speaker (Show Relay) fed by pendant microphone above stage apron, with volume control (monitors the sound feed to dressing rooms; amplifier is located in stage manager's corner)

Microphone to make announcements to audience, if required

Cue light system (red, amber, green), linked to stage manager's corner

Distribution system for closed circuit TV system

Carbon Dioxide fire extinguisher

HOUSE LIGHTS

- 3 pairs of 500W halogen floods (Strand Coda) are mounted on the lighting grid above the auditorium. Additionally, there are two pendant light fittings above the first floor balcony. All of these can be switched from the foyer, or can be dimmed/switched from the control room.
- Downlighters beneath the balcony, at the rear of the auditorium. These can only be switched from the foyer.
- Should a higher intensity of illumination be required in the auditorium, e.g. for an Art Group, 5 additional 500W halogen floods are mounted on the lighting grid. These are not dimmable, nor can they be switched from the control room.

MISCELLANEOUS

- High-level access, e.g. to the lighting grid - a 3 way, 10-rung Zarges ladder is available. A second, three-section extending ladder and small step-ladder are also available.
- A digital projector is available if booked in advance. There is an additional hire charge for this - please contact the Arts Centre for further details.
- A Unicol projector stand and a laser pointer are available.
- A range of projection screens are available, up to 1.90 m (6'3") wide x 1.45 m (4'9") high
- An overhead projector (OHP) is available.
- Flying facilities above the stage. These are very restricted, and are limited effectively to rolled cloths. Flying is by manually-operated rope sets, without counterweights. The pulleys are approximately 5.20 metres (17 feet) above the stage. The fly gallery is located stage right. For further information, please contact the Arts Centre.
- Tabs and Drapes. The main house tabs across the proscenium arch are terracotta in colour, and are operated by a manually-operated rope set in the Stage Manager's corner. At the rear and both sides of the stage there are black drapes on hand-pull tracks so their positions can be altered. There are two black masking fly borders above the acting area.
- Get In/Get Out. Most vehicles can be reversed in the car park so they are close to the stage door. This is a double width door, leading to a backstage foyer, and has ramped access from the outside. A further set of double doors leads to the wings, stage right, where space is very restricted. Two high steps lead up onto the stage. For very large items, it may be easier to access the stage through the main entrance foyer and then through the auditorium.

AUDITORIUM SEATING

Ground floor auditorium seating is on upholstered, metal-framed individual chairs. The maximum seating at ground floor level is 80, when the chairs are arranged cabaret-style (various types of table are available at the Arts Centre), or 104 when the seats are clipped together in rows, theatre style.

The seating on the balcony at first floor level is on church-type wooden pews, with loose cushions. The maximum seating capacity of the balcony is 24, including the balcony attendant (and follow spot operators, if follow spots are used).

Whilst every reasonable care has been taken in compiling this information, no individual or group associated with Bollington Arts Centre can accept responsibility for any errors or omissions.

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Bollington Arts Centre

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