



# THE FIRESTATION

## Firestation Centre for Arts & Culture – Technical Specification

06.12.14

### The Auditorium

#### Description

The auditorium is a multi-purpose space that is appropriate to use for performances, seminars, lectures, workshops and networking events.

Potential layouts of the venue include;

- **Open space**, size 15m x 7.3m with an area 103 m/sq.
- **Standing** (flat floor) – Capacity 150
- **Theatre style** – Bleacher seating – capacity 159
- **Cabaret-Style** – Audience seated at cabaret tables and chairs, capacity 70
- **Mixed** – 130 Standing plus 96 seated in upper balcony

The venue has technical capacity for;

- **Live Performance** – Theatre/Music/Dance/Cabaret.
- **HD Projection** operated from either computer at the stage or from the technical area situated at the rear of the room. Image is projected onto a large cinema screen at the front of the stage. Sound for this is run through the main PA system from either position.
- **iPod/Laptop Audio Playback** connecting to either Main PA or Cinema Sound System
- **Internet Connection** is available throughout the building using the wireless network. Each space has its own wireless broadcast hub available to all users.

### Technical Details

#### Staging

- 5.78m wide x 5m deep performance area in theatre set-up
- Blacked out stage area surrounded by serge curtains
- Automated black serge curtains across the stage front
- Automated drop-down white cinema screen (5m x 3.5m)
- Full blackout OR open window, bright space
- Smoke Machine/Bubble Machine/Party Effects

#### Sound

- 16 Channel Stage Box run into Stage Left wing
- Various microphones (6 x Shure SM58, 4 x SM57, 1 x Red Five Audio Drum Clip Set, 2 x Sennheiser E840) and stands (short & tall)
- Radio Mic Kit (Sennheiser G2 EW100 Wireless)
- 2 x EV DMC 1152 Bi-amped Speakers

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- 2 x EV S-Series Full Range Speakers
- 2 x Subwoofers on request with EV DL15X drivers
- Series of amps, sound processing DC42496 Cross-over
- Soundcraft (GB2 24/4/2) Mixing Desk
- Variety of sound periphery (Compressors, gates, reverb units, 32 band graphics)
- Facilities for CD playback and cabling for iPod/Laptop sound from stage and desk

### Lighting

- ETC Express running 24 1000w channels of dimming.
- 8 x Parcan (CP62)
- 6 x Strand Prelude 16/30
- 6 x Strand Prelude 28/40
- 6 x Strand Prelude F
- Various Gobos/Iris/Gels available

## The Basement Studio

### Description

The Basement is a multi-purpose space that is appropriate to use for performances, seminars, lectures, workshops and networking events.

Potential layouts of the venue include;

- **Open space**, size 12.5m x 6.64m
- **Standing** (flat floor) – Capacity 130
- **Seated /Cabaret**– Set on flat floor – capacity 70

The venue has technical capacity for;

- **Live Performance** – Theatre/Music/Dance/Cabaret.
- **iPod/Laptop Audio Playback** at either end of the space
- **Internet Connection** is available throughout the building using the wireless network. Each space has its own wireless broadcast hub available to all users.

### Technical Details

#### Staging

- 3 Staging Options
  - Full Stage Layout – 4m wide x 4m deep x 6 inches high at front
  - 4m wide x 3m deep x 6 inches high at rear
  - Semi Stage – 4m wide x 3m deep x 6 inches high
- No Stage
- Black Box Space
- Stage Left Exit to offstage area, stairwell and car park access
- Backstage area behind stage available with prior consent (USL and USR crossover).

#### Sound

- Soundcraft GB8 32/8/2 Mixing Desk
- 24 Channel Floating Stage Box
- 2-way monitor mix (through 4 monitors)
- 1 x Tapco j1400 amp
- 1 x Tapco 2400 amp driving
- 4 x Turbosound TXD-151 Full Range Cabs
- 2 x Subwoofers on request with EV DL15X drivers
- Sound processing through DCX2496 Cross-over
- Behringer FBQ 6200 – 32 band graphic eq over front of house

- Alesis Midiverb 3
- Lexicon FX unit
- Samson Sgate 4-way noise gate
- 1 x Red Five Audio Drum Mic Set
- 6 x Shure SM58
- 6 x SM57
- 2 x Sennheiser E840 Dynamic
- Multiple Stands available, both short and tall

### **Lighting**

- 6 x 1000W Channels of Dimming from a Zero88 Betapack2
- 4 x 650 W Fresnels
- 4 x Parcans on floor stands
- Lighting is operated from a manual 6 channel DMX Control

### **The Loft**

#### **Description**

The Loft is an intimate venue suitable for classes, workshops, networking events and small performances.

#### **Dimensions**

2.75m wide x 13m long.

Capacity 30

The venue has technical capacity for

- **Live Performance** such as solo talks/poetry/music
- **iPod/Laptop Audio Playback** connecting to small 600w PA
- **Film Showings/** an HD TV is set up in the space
- **Internet Connection** is available throughout the building using the wireless network.
- Each space has its own wireless broadcast hub available to all users.

#### **Technical Details**

##### **Staging**

- 2m wide x 3m deep raised area at one end of room
- Bright Space - no blackout

##### **Sound**

- Alesis Multimix 8Line Rack Mixer
- Pioneer PD-M426 CD Multichanger
- L2-Audio PA600 Amplifier
- 2 x 300w L2-Audio Speakers
- Toshiba DVD Player
- Toshiba Regza 32inch HD TV with VGA cable connection
- Facilities for CD playback and cabling for iPod/Laptop sound
- Dynamic Microphone for voice amplification

##### **Lighting**

3 x Par64 1000w

Ambient stage lighting with gels as requested