

# **STRULE ARTS CENTRE TECHNICAL DATA**

## **Critical Stage Dimensions**

Stage depth 8M  
Stage width wall to wall 16.7M  
Proscenium opening width 11.5M  
Proscenium opening height 7.5M  
Grid height 12.4M  
Scene dock door height 5M width 3M access for 40' artics  
Orchestra pit lift depth 2.6M width 9M

## **Lighting Supply**

144 ETC Sensor 3KW Dimmers, combination of 15amp and socapex outlets  
32>10 16amp non dim circuits at various locations, via hard patch in dimmer room  
20 32amp TPN Cee F various locations around stage and auditorium  
1 63 amp TPN Cee F visiting dimmer supply located in scene dock  
5 IWBs onstage each with 12 x 15amp socket outlets, bar length 13M  
2 FOH Bridges each with 12 x 15amp socket outlets  
Advance bridge only good for lighting orchestra pit and first 2.5M of stage. Main FOH bridge 9M from stage front and 11.3M high.  
2 FOH vertical booms 6 x 15amp socket outlets located SL/SR  
24 x 15amp Dip circuits located at each corner of the stage in 4 groups of 6

## **LX Control**

ETC ION with master playback wing and 2 touch screen monitors  
ETC RFU iPad Air  
4 ETC DMX 2 port node  
50 E-net and DMX outlets via Ethernet switch in dimmer room  
Houselights/LED Blues/Work lighting via VP Touchscreens

## **Lanterns**

18 ETC Source 4 Zoom 15-30  
6 ETC Source 4 Zoom 25-50  
22 Robert Juliat 310F fresnel  
18 ETC Source 4 PAR  
11 Chauvet Rogue R2X Spot  
6 Martin Rush Par2 LED RGBW  
6 Prolight LEDJ RGB  
5 Elation Platinum Spot 5R  
1 Robert Juliat Manon followspot  
6 PAR 16 Birdie 50W GU10

## **Effects**

LOOK Unique2 Hazer  
Chauvet Hurricane Smoke Machine

## **Cables**

10 20M 15ampTRS  
20 10M 15amp TRS  
10 5M 15amp TRS  
20 15amp Grelcos/Splitters

## **PA Equipment Auditorium**

### **Speakers**

Martin Audio W8LM Line Array System  
Martin Audio CDD10 In Fills  
Martin Audio AHM64 Controller  
4 Martin Audio LE1200 monitors

### **Auditorium Sound Position**

Allen & Heath GLD80 Digital Mixer  
Allen & Heath AR8/4 for Mix Returns

### **Playback & Record**

#### **Rack 1 auditorium**

2 Tascam CD1U CD players

#### **Rack 2 Control Room**

1 Tascam CDR900 CD player/recorder

### **Stage Pianos**

Yamaha Boudoir Grand  
Casio Keyboard Semi-Weighted

### **Mics, cables etc.**

6 Sennheiser E865 Condenser Mic  
6 Shure SM58  
3 Shure SM57  
2 Sennheiser E906 Amp Mic  
2 AKG C430 Condenser Mic  
2 DPA ST4011A Stereo Pair  
2 AKG C414 B-XLII  
5 BSS active DI  
5 Studiospares active DI  
2 ART Stereo DI  
1 Sennheiser Drum Mic Kit (1x E602, 4 x E604)  
2 Sennheiser 865 G3 Handheld/Lapel radio Mic  
4 AKG CGN 99HL Gooseneck Table Mic  
4 AKG CGN/321 Gooseneck Table Mic  
Assorted Mic cables  
Assorted Speakon cables  
Assorted Boom mic stands

### **AV Equipment Auditorium**

NEC PX1004UL HD WUXGA 10K ANSI Lumens Laser Phosphor Projector  
HDMI Input  
Denon DN-500BD Blu-Ray Player

### **PA Outlets**

#### **Digital**

Allen & Heath AR24/AR8 Digital Stage Box on wheeled rack SL with 32 Mic Lines and 16 Mix Returns.

#### **Analogue**

90 Mic/Line sends around stage, pit and auditorium(Mix of harting and XLR)  
32 Mic/Line returns around stage, pit and auditorium(Mix of harting and XLR)  
54 NL4 Speakon outlets around stage, pit and auditorium  
1 32amp SPN CeeF visitors sound supply located stage left(clean earth)  
13amp SPN in all areas  
FOH mix position with facility panel located at rear of auditorium

### **Portable PA System**

HK Audio Lucas Max 2000w PA System (2x 10" speakers, 1x 15"sub, 2x 12" monitors)  
Allen & Heath QU16 Digital Mixer.  
30M 24:4 Multicore  
2 Speaker stands

### **Talkback & Stage CCTV**

Stage Mangers Desk located stage right with talkback, paging mic and LCD CCTV monitor  
6 Canford Audio headsets and belpacks Headset & CCTV outlets in all areas

### **Flying Facilities**

- 21 400KG single purchase counterweight sets
- 1 Motor assisted house tabs
- 2 400KG single purchase side masking sets with single tab track located SL/SR

### **Acoustic baffles**

Four Sets of motorised Acoustic baffles over auditorium, each set can be height adjusted to suit particular acoustic requirements.

### **Orchestra Pit**

Serapid chain lift with four setting levels. Stage level, extra seating level, orchestra level, basement level.

- 15 RAT lit music stands
- 1 RAT lit conductor stand

### **Stage Drapes**

- 1 House Tabs black cotton velour with 50% fullness
- 8 Legs black wool serge 6.7M x 2M
- 1 Border black wool serge 13M x 3M
- 4 Borders black wool serge 13M x 2M
- 2 Full split tabs black wool serge 8.7M x 6.7M
- 1 Full tab black wool serge 13M x 6.7M
- 4 Side masking tabs black wool serge
- 1 Filled cloth cyclorama 13M x 6.7M

### **Ancillary stage equipment**

Comabi F7 turbo MEWP. **Current IPAF licence required no exceptions!**

- 6 2M x 1M Modular Riser
- 8 1M x 1M Modular Riser (56 300mm legs available)
- 1 Zarges 12 extension step ladder
- 1 Zarges large step ladder
- 1 Zarges small step ladder
- 16 Black stage braces
- 10 Brace stage weights

### **Backstage Facilities**

- 2 Large dressing rooms
  - 2 Small dressing rooms
- All with showers and toilets located SR

### **Wardrobe room Facilities**

Wardrobe laundry room with washing machine, tumble dryer, iron and ironing board.

### **Mics & cables etc.**

- 1 Neumann U87 stereo pair
  - 1 Neumann KM184
  - 1 Rode NT2A
  - 1 Audio Technica AT4040
  - 1 EV RE27N
  - 1 AKG 451
  - 2 Rode NT5 stereo pair
  - 1 EV RE20
  - 1 Sennheiser e602
  - 2 Shure beta58
  - 2 Shure beta57
  - 1 Beyerdynamic M301
  - 8 Beyerdynamic DT100 headphones
  - 4 Headphone splitter boxes
  - 4 Headphone amplifier
- Mic cables  
Boom mic stands  
Pop filters

## **Lecture Theatre Facilities**

### **Control Room**

- 1 Panasonic PT-DW7000U-K DLP HD projector
- 1 Da-Lite Cosmo 3200 x 1800 motorised projection screen
- 1 Soundcraft MPM 12 CH Mixer
- 1 Denon DVD-1940 1080p upscaling dvd player
- 1 Newhawk Blu-Ray player
- 2 Genelec 8030A nearfield monitors
- 1 Australian Monitor Zone mixer
- 1 Denon AVR-3806 Dolby surround sound processor
- 1 Dynacord Sub bass amplifier

### **Lecture Theatre**

- 1 Custom built lectern with 2 AKG C747 mics, Procon interface control for projector, laptop, DVD, house light control and script light
- 4 AKG CGN/321 Goose neck table mics
- 1 Sennheiser SI-1015 IR Deaf loop system
- 2 JBL Control 29 (cinema)
- 6 JBL Control 25 (cinema)
- 2 JBL Control SB2 sub bass (cinema)

### **Technical Contact Details**

**Technical Manager Tom Sharkey Mobile: 07771735994**

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## **STRULE ARTS CENTRE REGULATIONS**

The following information is for person/s or groups using the arts centre.

It is in your interest to ensure everyone in your group is aware of the regulations that apply to everyone using the stage to avoid any misunderstanding.

- a. Times and details of get-in and fit-up or any technical requirements must be advised at least two weeks prior to your visit. **Get-out to be commenced immediately after performance has ended or by prior arrangement with technical manager.**
- b. Should you require technical equipment list please go online to the theatre web site at [struleartscentre.co.uk](http://struleartscentre.co.uk)
- c. On arrival you must use the main entrance and contact the duty technician where you will be issued with a visitors pass to the building.
- d. If you are going to be late for any reason, please let us know. See technical contact details above.
- e. **Strule Arts Centre is a no smoking/vaping building and this regulation is strictly enforced.**
- f. Food and drinks are not to be taken to or consumed in the control room, auditorium, on stage or backstage areas. Areas exempt from this regulation are the dressing rooms.
- g. Any company or act intending to use naked flames/pyrotechnics on stage should notify the duty technician at least two weeks prior to arrival. A person trained in the use of fire extinguishers (ie correct type for job) must be present at the time of use. Fire fighting equipment is located on both sides of the stage. The same regulations apply to the use of flammable liquids and in the case of chemicals COSHH data sheets must be provided. **Materials such as bales of straw are strictly forbidden.**
- h. The painting of sets and scenery must be completed prior to arrival at the arts centre however minor touching up will be permitted and only then if the stage floor is protected. All scenery, drapes and backcloths must be fireproofed prior to their use in the theatre in accordance with government regulations. **The use of aerosol paint spray, paint with a high VOC content, solvent glues etc. anywhere inside the arts centre is strictly forbidden.**
- i. Sets or flats must not be spiked, nailed or screwed to the to the stage floor. A number of scenery braces and stage weights are available for use.
- j. All lanterns in use at the arts centre have a safety bond fitted, they also are complete with a colour frame. Any colour frame or safety bond missing when you leave will be charged to your company. Any lantern brought in to the arts centre for use on stage must be complete with safety bond and be tested in compliance with P.A.T. wiring and electrical appliance regulations, this also applies to any portable equipment used in the arts centre, i.e. visiting PA, guitar amps, hazers, stage practicals etc.