



## SNAPE MALTINGS CONCERT HALL

### Technical Equipment List and Information (Updated July 09)

#### Lanterns:

18	x	19° Source 4 (575W)
12	x	26° Source 4 (575W)
4	x	36° Source 4 (575W)
10	x	15-30° Zoom Source 4 (750W)
4	x	23-50° Zoom Selecon Pacific (800W)
42	x	Patt 223 Fresnel (1 kW)
16	x	Patt 243 Fresnel (2kW)
4	x	Selecon Arena HP Fresnel (2kW)
16	x	Selecon Rama Fresnel HP (1kW)
4	x	Selecon Rama PC HP (1.2kW)
4	x	Par 64 (CP61 & CP62)
10	x	Source 4 ParNel (750W) – with 6 barndoors
26	x	Source 4 Par (750W)

All Fresnels & PCs have barndoors and we have 7 'spill rings' and 6 barndoors for the S4 Pars.

#### Accessories:

10	x	Source 4 iris
15	x	A size Source 4 gobo holders
18	x	B size Source 4 gobo holders
1	x	Apollo gobo rotator (not DMX)
1	x	Apollo DMX iris
8	x	Apollo RightArm motorised yokes. Most lanterns can be mounted on yokes.
12	x	Apollo Scrollers – can be mounted on most lanterns except 2kW fresnels. Please contact us for details of available scrolls or to arrange for custom scrolls.

#### Dimming:

There are 96 ways of dimming (LD 90) distributed across the 5 lighting bars and 106 ways of dimming (EC21) distributed along the ring beam and under stage. There are also 10 non dims. There are some additional auxiliary circuits that may also be available. All circuits are RCB protected.

#### Dimmer Circuit Ratings:

1 – 30	15A	Ring Beam
31 – 50	30A	Ring Beam
47 – 52	30A	Understage (paired with outlets on Ring Beam)
53 – 88	15A	Ring Beam (also available on Socapex)
89 – 96	15A	Understage
97	30A	In forestage. 13amp sockets
98 – 100		Not in use
101 – 190	15A	Overhead bars (LX bars 1 – 5)
191 – 196	30A	Overhead bars (LX bar 5)
201 – 248	10A	Portable dimmers (see below)
251 – 260	15A	Ring Beam (mid auditorium)
261 – 271	15A Non Dim	Overhead bars (LX bars 1 – 5)
271 – 272	Houselights	271 – wall, 272 - roof
281 – 292	15A Aux	Overhead bars (mixture of dimming and non-dim)

**Portable Dimmers:**

There are 48 ways of ETC SmartPack portable dimmers. These are generally run understage with 4 Socapex (24 circuits) running to each side of the stage. Each channel is rated at 10A. The dimmers are run from the 125A supply detailed below. If all 48 ways are used then the power distribution unit (below) would have to be supplied from the 63A outlet.

**Extra Power.....**

There is a 3-phase 200amp supply in the stage left dock area which feeds a 125A, 415V socket and a 63A, 415V socket.

We have a 125A, 415V power distribution unit with:

1	x	63A, 415V	3	x	32A, 230V
1	x	63A, 230V	4	x	16A, 240V
1	x	32A, 415V			

There is also a 'clean' single phase 125A sound supply, with 16A, 32A and 63A outlets.

**Control:**

The control desk is a Strand Lighting 530i with Genius Pro software (350 channels, 250 attributes). The control protocol is DMX 512 and there are DMX links to stage left and right (high and low levels), under the stage, off up stage left, auditorium 'late-comers' box and on each of the 5 flown LX bars. The houselights and non dims can be run from the desk or via an architectural control panel on an HTP basis.

There is an ELC 'FocusBrain' (Wireless DMX remote control) for focusing, Swisson DMX tool and a wired SLX Riggers Remote.

**Rigging:**

8	x	Tank Traps
10	x	Standard Boom Arms
10	x	Doughty 250mm Boom Arms
4	x	Strand Junior Stands
6	x	Floor Stands

Various lengths of scaffolding (inc. 8 x 6m) and scaff clamps.

**Bars:**

The Safe Working Load (SWL) of each of the 5 powered winch lighting bars is 540kg.

The SWL of each of the 4 powered winch bars is 400kg.

The SWL of each of the 3 upstage hand winch bars is 300kg.

The lighting bars and 4 powered bars can fly to a height of about 8m. The three upstage hand winch bars fly out to a maximum height of about 7.6m, 7.4m and 7.0m respectively.

Due to the cable management system and rigging arrangement, it is not possible to braile any of the flown bars.

Our flying system is not designed for 'live flying'. However, if a production requires it please bear in mind that there is no means of setting accurate deads, speed control is limited and the system is not silent.

**Ladder Truss:**

2	x	6m Trilite	6	x	5m Trilite
3	x	4m Trilite	1	x	2m Trilite

**Cable (approx):**

23	x	4m & under			
88	x	5m to 10m			
15	x	11m to 15m			
19	x	16m & over	34	x	15amp adaptors (15a male to 2 x 15a female – Snappers)

**Socapex:**

10m	4		<b>Total Plug Spider</b>	<b>7</b>
12m	5			
15m	1		Socket Spider	6
25m	1		Staggered Socket Spider	8
30m	4		10m Staggered Socket Spider	5
<b>Total</b>	<b>15</b>		<b>Total Socket Spiders</b>	<b>19</b>

We would normally use 4 x 12m and 4 x 30m lengths with the portable dimmers which have Socapex outputs and circuits 53 – 88 are paired 15A / Socapex, hence only 7 plug spiders.

## Sound

*Please see Hoffman Building equipment list below for list of additional equipment that may also be available.*

We have a limited amount of sound equipment and it is not intended to provide a full PA for the Concert Hall, it is more suitable for voice and for small numbers of instruments.

### Mics:

5	x	SM58
2	x	SM57

### Playback Source:

1	x	Numark MP102 CD/MP3 player
1	x	Numark MP302 Dual CD/MP3 player

### Mixers:

Soundcraft Delta 16/4/2  
Yamaha MG 166 CX USB  
Alesis iMultimix 9R (rackmount mixer with iPod dock)

### Speakers:

4	x	KV2 EX6 (active)
2	x	KX1.2 bass units for above (active)
2	x	FBT Maxx 2a (active)
2	x	Celestion SR1 (controller boxes available)

We also have a small number of K&M mic stands and Proel speaker stands and a reasonable amount of mic and equipment cable. There is a fairly comprehensive infra-structure of tie lines and patches (no multi-core). We can provide a mixing position in the middle of the auditorium with the removal of 10 seats, but this must be arranged and agreed before tickets go on sale.

For bigger PA requirements we would suggest contacting Synergy Audio (01728 720100, synergyaudio.co.uk) who are a local company that know and understand the acoustics of the Concert Hall. They have a good stock of Turbosound speakers and a range of Yamaha digital mixing desks (LS9-16, LS9-32, 01v96, DM1000, DM2000, M7cl as well as Midas Venice and Siena. They also have a good selection of quality mics and outboard processors. Visiting companies are welcome to make their own arrangements and supply and operate their own systems, but this must be agreed in advance with Aldeburgh Music.

## Video

*Please see Hoffman Building equipment list below for list of additional equipment that may also be available.*

We have a small stock of video equipment, suitable for providing stage coverage. The fixed camera is capable of producing images in near blackout and the image can be distributed to most parts of the stage and backstage areas. We have an additional colour camera that can be used for specific monitoring (e.g. conductor). There is a two channel video tie line system / distribution system.

### Video Monitors include:

2	x	domestic type 14" monitors
1	x	professional type 14" monitor
1	x	professional type 7" monitor

## Staging

### Black Felt Flats:

Quantity	Height	Width	Height	Width
6	16ft	6ft 6in	4.8m	2m
2	15ft 1in	6ft 5in	4.5m	2m
1	15ft 1in	6ft	4.5m	1.8m
2	15ft	7ft	4.5m	2.1m
5	15ft	5ft 9in	4.5m	1.8m
2	15ft	5ft	4.5m	1.5m
2	15ft	4ft	4.5m	1.2m

The imperial measurements are accurate; the metric measurements are approximate and are provided for convenience.

### Wooden Acoustic Screens:

12 x 16ft high x 6ft wide

### Black Wool Serge Drapes:

All dimensions are drop x width

2 x 8m x 2m legs  
2 x 7.5m x 1m legs  
2 x 7m x 9m legs  
2 x 6.2m x 3.17m (to create soft black prosc legs)  
3 x 1.4m x 16m borders

We also have a set of blacks to cover the side walls which are designed to leave the air vents clear. They are hung from just under the 'Ring Beam' bar (which remains available) and hang very close to the brick wall. Please allow about three hours to hang these. There may be a charge to hang these in advance of your visit.

### Music Stands and Chairs:

80 x metal folding music stands (approx)  
12 x conductor type stands  
1 x conductor rostrum with handrail  
80 x 'Amadeus' orchestra chairs  
5 x double bass stools

### Lit Music Stands:

1 x RAT, lit conductor's stand  
10 x RAT, lit music stands (conventional lamp)  
15 x RAT, lit music stands (halo lamp)  
9 x Doughty, lit music stands (RAT style)

We have additional chairs and music stands available; please check with us in advance for more information.

# **SNAPE MALTINGS HOFFMAN BUILDING**

## **Technical Equipment List and Information (Updated July 09)**

Equipment (including lighting desks) can be exchanged between buildings – though in general, priority will be given to the space where the equipment normally lives. But please feel free to discuss options and possibilities.

### **Britten Studio**

#### **Lanterns:**

14	x	23-50° Zoom Selecon Pacific (800W)
4	x	Selecon Arena HP Fresnel (2kW)
25	x	Selecon Rama HP Fresnel (1kW)
35	x	ETC Source 4 Par (750W) c/w barndoors The S4 Pars are principally intended to provide an orchestral rehearsal light cover. They may be available for production use, but please check beforehand.

#### **Accessories:**

5	x	Pacific iris
14	x	Pacific gobo holder (A size)
3	x	Apollo Right Arm
3	x	Apollo DMX iris (doesn't fit Selecon Pacific)

#### **Control:**

The lighting desk is an ETC Ion (1024 outputs). It has 2 of 2 x 10 fader wings and 1 of 1 x 20 fader wing. A wireless remote unit is available. It is possible to run two DMX patch universes, plus there is one Net3 DMX Output Gateway for running additional DMX universes (but still limited to 1024 outputs).

### **Kiln Studio**

#### **Lanterns:**

6	x	Selecon Acclaim Fresnel (500W)
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#### **Control:**

There is no installed lighting desk, but a Zero88 Jester (24 channel) can be available.

### **Britten Studio & Kiln Studio Dimming:**

Stage lighting dimming capacity is shared between the Kiln Studio and the Britten Studio, so any dimmers used in one space will not be available in the other.

- There are 72 ways of installed 2.5kW dimming. These are all Swisson Sine Wave dimmers.
- 36 channels are 'normally' patched to dedicated Rehearsal Light outlets, these are available and can be re-patched for performances.
- Patching is via a Socapex patch so dimmers will be patched in multiples of 3 or 6.
- There is the option to bring in one or both of our 24 channel ETC SmartPacks – depending on whether they are being used in the main Concert Hall. These can use the Socapex patch.
- There are no 5kW dimmers, but there are patches (32A Cee Form) into the studio from the dimmer room.
- Temporary dimming can also be run from the SL wings area (see below).
- There are 12 channels of houselights in the Britten Studio which are permanently patched, but not included in the 72 ways above.

#### **Britten Studio Patch**

There are 264 x 15A socket outlets  
There are 25 x 32A socket outlets  
There are 21 x non-dims (not patched)

#### **Kiln Studio Patch**

There are 36 x 15A socket outlets  
There are 4 x non-dims (not patched)

## Temporary Power Supplies

There are several around the site, but the main supplies for temporary dimming are the dimmer room and stage left store area, each has:

1 x 200A TPNE Powerlock outlet, 1 x 125A 3 phase outlet, 2 x 63A 3 phase outlet

## Comms

There is a two channel Tecpro system in the Britten Studio and a single channel in the Kiln Studio, with 6 headsets. We have a cuelight system with outlets around the Britten Studio and a plug-in paging system that can be accessed from various points (e.g. wings, control room).

## Video

We have a small stock of video equipment, suitable for providing stage coverage. There is colour camera and an infra red camera (with lamp) and both images can be distributed to most parts of the stage and backstage areas. We have an additional colour camera (based in Concert Hall) that can be used for specific monitoring (e.g. conductor). There is a three channel video tie line system / distribution system.

### Video Monitors include:

2 x 14" TFT monitors

## Projection

Sanyo PLC-XP100L (6,500 ANSI lumens)  
Standard Lens: LNS-S31 (Throw distance ratio: 1.8–2.4 : 1)

## Sound

There is a comprehensive speaker system available in the Britten Studio and Kiln Studio. Aside from the mixers listed for the Concert Hall above we have no other mixers in stock, but they can be hired locally.

### Speakers

4	x	d&b E8	
6	x	d&b E12	(80°h x 50°v)
2	x	d&b E12-D	(110°h x 50°v)
4	x	d&b Q-sub	

### Amplifiers

Installed		
2	x	d&b D6
1	x	d&b D12
Portable Rack		
2	x	d&b D6
1	x	d&b D12

Speakers and mixers from the Concert Hall may also be available if required.

***If you have any questions please contact Geoff Spain (Technical Coordinator) on 01728 687157 or [gspain@aldeburgh.co.uk](mailto:gspain@aldeburgh.co.uk)***