



Cornerstone Technical Specifications 2018 / V1



Cornerstone is a purpose-built, professional arts, culture and entertainment venue in the heart of Didcot, brought to you by South Oxfordshire District Council. Opened in 2008, we present a high quality programme of live performance, participatory activities, exhibitions and outreach work that meet the needs and enhance the experiences of our local community, and beyond. Cornerstone comprises a 234-seat auditorium, café bar, gallery and four studios, perfect for dance and arts activities, as well as meetings.

Please find Enclosed our technical Information.
Should you have any questions please do not hesitate to contact one of our technical team.



Directions and Parking

Postcodes:

Front of Building = OX11 7NE

Stage Door, Load-in and Parking = OX11 8RG

We have a small service yard that can accommodate approximately eight cars. It is big enough to accommodate 7.5 ton to 18 ton rigid trucks, articulated lorries may struggle to park and advance notice would need to be given to accommodate them.

The **correct** postcode for our service yard and parking is **OX11 8RG**. Access to the yard can be given by phoning the Duty Manager mobile **07801 203 544** Parking for all non-essential crew is via public car parks which are around two minutes' walk away.

Load-in is situated in the service yard and is via roller shutter doors. (3560mm width by 3900mm height).

Auditorium

Seated capacity is 217 or 234 with AA seating in. 350 can be accommodated with seating retracted and standing space (auditorium side). The stage is a proscenium arch format with black box masking. The Auditorium has a full air conditioning and heating system.

Backstage Facilities

On the ground floor off to stage right we have a very large green room with sofas, tea/coffee making, microwave, fridge and television. You are also welcome to use the washing machine and dryer along with ironing facilities. The green room has its own accessible toilet and there is another in the corridor adjacent to the green room.

Off to stage right there are two large dressing rooms. Dressing room one has mirrored seating for seven along with a small sofa bed, accessible toilet and shower facilities. Dressing room two consists of mirrored seating for six along with accessible toilet and shower facilities. All dressing rooms have either on-suites or toilet facilities. There is lift Access to all floors backstage. We also have more dressing rooms available on request.

Access to stage

Load-in is at ground level situated in the service yard and is via roller shutter doors. (3560mm width by 3900mm height). Its approximately 3 metres to the back of stage from the entrance.

Stage

STAGE AREA	MEASUREMENTS
Front width with pros closed	8.5 meters
Front width with pros open	11.8 metres (Restricts LX Bars)
On Stage width wall to wall	12.8 metres
Depth from back wall to Setting line	6.6 meters
Grid height with bars flown out	7.4 metres

TABS	Quantity
Full Black Tabs (immovable)	1
Black legs	8
Black Border	2
White Cyclorama	1
Hard Masking	6

Prompt Corner

We do not have a permanent Prompt Corner, but do have an LCD screen (with FOH camera feed) along with a stage management console (please request in advance) that has ROH calling along with cue light calling and comms master station. There is also access to the electronic FOH tab control system.

Flying

We do not have live flying capabilities or a fly tower

There are 11 Motorised bars (1-11) over the stage, and 1 manual bar (which is only to be used for the proscenium border). There are a further 5 motorised bars (12-16) over the audience seating. Each bar has a SWL of 250kg; this is not to be exceeded under any circumstances. There are no fixed flying points for flown PA or truss. We may be able to offer flying points off structural girders with advance notice and risk assessments.

House tabs are operated independently of any of the fly-bars, and are motorised. We do have half tabs at approximately mid stage, these would need advance notice if they are to be moved, and these are operated by a manual pulley system.

Bars highlighted in **RED** are immovable objects and part of our permanent rig

BAR NUMBER	DESCRIPTION
1	Full Blacks Masking / White Cyclorama
2	LED BAR 4
3	LX BAR 4 (12 circuits)
4	PROJECTOR SCREEN
5	MID STAGE TABS
6	LED BAR 6
7	LX BAR 3 (12 Circuits)
8	LED BAR 8
9	LX BAR 10 (12 Circuits)
10	BORDER BAR ONLY
11	LX BAR 1 (11 circuits)
12	LED ADVANCE BAR
13	FOH BAR 1 (11 circuits)
14	FOH BAR 2 (12 Circuits)
15	SPARE
16	PROJECTOR BAR

General Equipment

8 x Techpro single channel coms packs with headsets

12 x Cue lights

1 x Stage managers desk including comms and cue light Master Station.

RISERS	QUANTITY
8ft * 4ft LiteDeck	2
2m * 1m LiteDeck	10
2m LiteDeck handrail	6
1m LiteDeck handrail	2
3 step LiteDeck treads & handrails	1
1ft Aluminium Legs	40
2ft Aluminium Legs	48

Access Equipment

DESCRIPTION	QUANTITY
JLG P20DC Personnel Lift 8 metres	1
Zarges 10 Rung Skymaster 6.9 metres	1
Zarges 10 Rung Class 1 2.6 metres	2
Zarges 3 Rung Z600 0.6 metres	1

Lighting Equipment

Lighting Fixtures

Cornerstone's lighting grid and fixtures are all 16 Amp single phase 3-pin CEEFORM connectors. There are limited 16A-15A and 16A-13A converters available in house. Current set up is 2 x advanced FoH bars and 4x onstage bars; each bar contains 2 x six way IWB. Most dimmers are 3kw Cornerstone does have limited 5kw circuits available for larger fixtures; these are all at stage level. Cornerstone has 2 DMX universes available to use. We hold a very limited amount of gel in house, please contact us for a detailed list.

Lantern Type	Quantity
Generic	
DTS Par62 Parcan	20
ETC Source 4 Par 750W	20
ETC Source 4 15/30 Zoom	20
ETC Source 4 25/50 Zoom	8
ETC Source 4 19 degrees	11
ETC Source 4 26 degrees	8
ETC Source 4 36 degrees	2
ETC Source 4 10 degrees	2
ETC Source 4 Jr 25°-50°	1
ADB F201 2kw Fresnel	4
ADB F101 1kw Fresnel	6
ADB F51 650w	6
ADB C51 650w	2
Spotlight Combi Fresnel 1kw	6
Intelligent	
Selador/ETC Vivid R 11 LED Flood	5
Martin Rush MH-6 Moving Led Wash	12
Martin Rush MH-5 Moving Led Profile	2
Pulse LEDBAR 320	6
SCROLLERS ????????	

Control	Quantity
ETC ION XE 20	1
ETC EOS 20 Fader Wing	1
ETC Congo Junior	1
ETC Congo Junior Fader Wing	1
Zero 88 ORB XF	1
ETC Smartfade 12/48	1

Lighting Misc	Quantity
Unique 2.1 Hazer	1
Prolight Equinox Flame Machine	2
Tank Traps	2
Scaff Lengths (various heights)	6
Doughty G2036: Cine Hi-Combo - Max Height: 3.16m - SWL: 30 Kg	2
Doughty G2040: Lowboy Combo - Max Height: 2.40m - SWL: 40 Kg	2
DOUGHTY T43100 4 Lantern Tee Bar	4

Power (Touring)

Cornerstone has one 63 Amp 3-phase supply, or two 32 Amp 3-phase supplies available for use by touring companies; these supplies are situated in the scene dock. There is no distro unit or 3-phase cable carried in house. This supply is independent of the other LX and sound circuits situated in the auditorium.

Sound Information

The Front of House PA consists of: 2 x EM Acoustics i-12 Subwoofers and 2 x EM Acoustics EMS-121 tops ground stacked either side of stage, as well as 2 x EM Acoustics tops flown inside of the proscenium arch, in front of the stage header. The system is governed by a DBX Venu 360. The system is driven by 3 x QSC PL236 amplifier. The system is limited to 100dBc via the DBX Venu. Please contact us if you need control over anything other than L/R inputs.

Desk / Speakers / Amps	Quantity
Allen & Heath GLD 80 (with iPad control)	1
Allen & Heath AR2412 Stage box	1
Allen & Heath AR84 Expander	1
Allen & Heath QU SB 18/14 Mixer	1
DBX Venu 360 (FOH)	1
EM Acoustics EMS-121 (FOH)	4
EM Acoustics i-12 Subwoofers (FOH)	2
QSC PL236 amplifier (subs)	1
QSC PL236 amplifier (tops)	1
QSC PL236 amplifier (flown)	1
Monitors	
Logic Systems LM12 (400w)	4
Logic Systems LM15 (600w)	2
JBL JRX 112M (400w)	2
Monitor Amps	
Crown XTI 4002	2
QSC PL236	2
QSC PL218	1
QSC PLX 3602	1
Misc	
EM Acoustics i2 (Fills)	4
EM Acoustic i-8 subwoofer	2

Microphones/DI	Quantity
Shure SM58	4
Shure SM57	4
Shure SM Beta 58	4
Shure SM Beta 57	4
Neumann KMS105	1
AKG C100	3
Sennheiser 604e	4
AKG D112	2
AKG c451 EB	1
DI's	
Klark Teknik DN 100 Active	4
Emo single channel passive	6

Stage Equipment	Quantity
10-meter 16 way stage box with XLR tails	1
Tall boom mic stands	10
Short boom mic stands	2
Kick drum mic stands	2

Audio Visual

All AV is patched through the house HDBaseT system using VGA/HDMI to Cat5 converters and the house CAT5 Installation. There are limited converters for Apple computers carried in house, please check in advance if your MAC is supported.

In the auditorium, there is a Hitachi CP-WU8451 (5000 Lumen) on house bar 16, next to the technical box; there is a corresponding motorised screen flown on house bar 4. There is no shutter for the flown projector, although there is an inbuilt AV mute facility.

We also have a selection of portable projectors (Epson EH-TW490) along with laptops which can be used subject to availability and possible re charges.

Hearing loop & Show Relay

Cornerstone has a Sennheiser Infrared hearing loop installed, and 10 headsets available from box office.

We have a show relay which feeds from the auditorium into the backstage areas and the office. It is **manually** switched on by the duty technician prior to a show. Should you wish the show relay to be used, please inform the duty technician on the day of your performance.

We appreciate you taking the time to read the Technical specs and lighting bar configuration. If you have any questions or queries, please do get in touch.

Technical Department

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Grover William-Hall	Technical Manager	01235 515 137	grover.hall@southoxon.gov.uk
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