Aures London

Technical Specification 2022

Aures London
18 Leake Street
London
SE1 7NN

www.aures-london.com
info@aures-london.com
020 3612 3084

TECHNICAL SPECIFICATIONS

PA System
20 x Pioneer XY-81
10 x Pioneer XY-115s
4 x Pioneer XY-118s

Dj Booth
2 x Pioneer CDJ 2000NX2
1 x Pioneer DJM 900 NX2
2 X Technics SL-1210MK2
1 x E&S DJR 400
2x Pioneer XPRS10 Active monitor
4 x 13a outlets

Lighting Control
Avolites Quartz (Running Titan V15.1)

Lighting Fixtures-
Main Room:
10 x Chauvet COLORband PiXM (on truss)
2 x Chauvet Intimidator Spot 255 (on truss)
10 x Chauvet Q12 Slimpar (floor standing)
1x 50cm Mirrorball on Rotator

Reception:
2x Chauver Q12 Slim Par
4x RGB Led Pinspot
1x 30cm Mirrorball on rotator

HAZER
1 x LookSolutions Unique 2.1

BUBBLE
2x Chauvet B-250 Bubble Machine

Media Server
Avolites Q3 Ai (Running V12.1 & Synergy V15.1)

Video Signal
2x Datapath FX4
7x Kramer HDbaseT

PROJECTORS
7x Epson PU2010B
2 x BenQ MX704
7 x BenQ MH733

Amplifiers
1 x Powersoft K10
6 x Powersoft M50
4 x Powersoft M20

Audio Signal Managment
1 x MadiFaceXT USB
2 x FeroFish A32

Microphones, IEM, DI's
1 x Sennheiser XSW 1-825
1 x Sennheiser EW 100 G4 Hand held mic
2 x Sennheiser EW 300 G3 IEM
2 x BSS AR-133 DI

MIC STANDS
1 x Tall boom mic stands

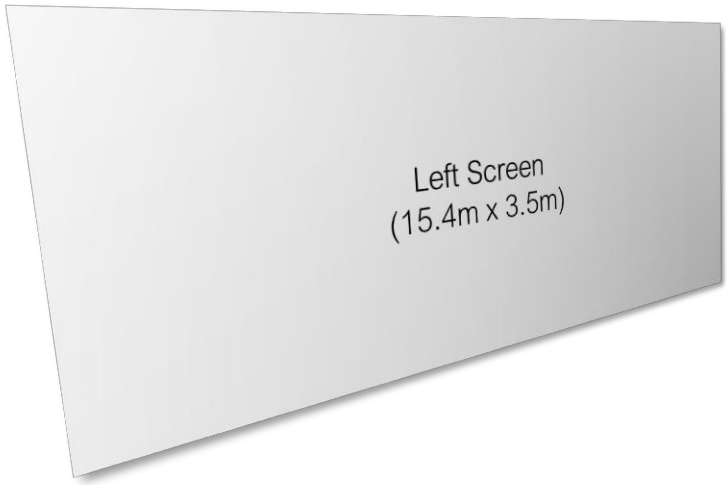
Show Control
1 x Mac Pro(Late 2013)[v10.13] running Qlab (Pro Audio licence) [v4.6.10]

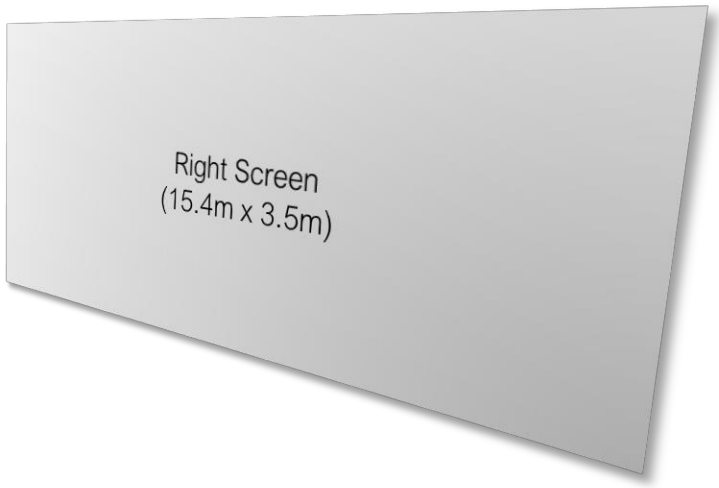
Comms
9 x Motorola DP1400

HOUSE POWER
StageSmarts Smart PDU36
Power distribution available on request
32a three phase
16a Three phase
16a single phase
13a single phase

PROJECTION SCREEN in traverse format

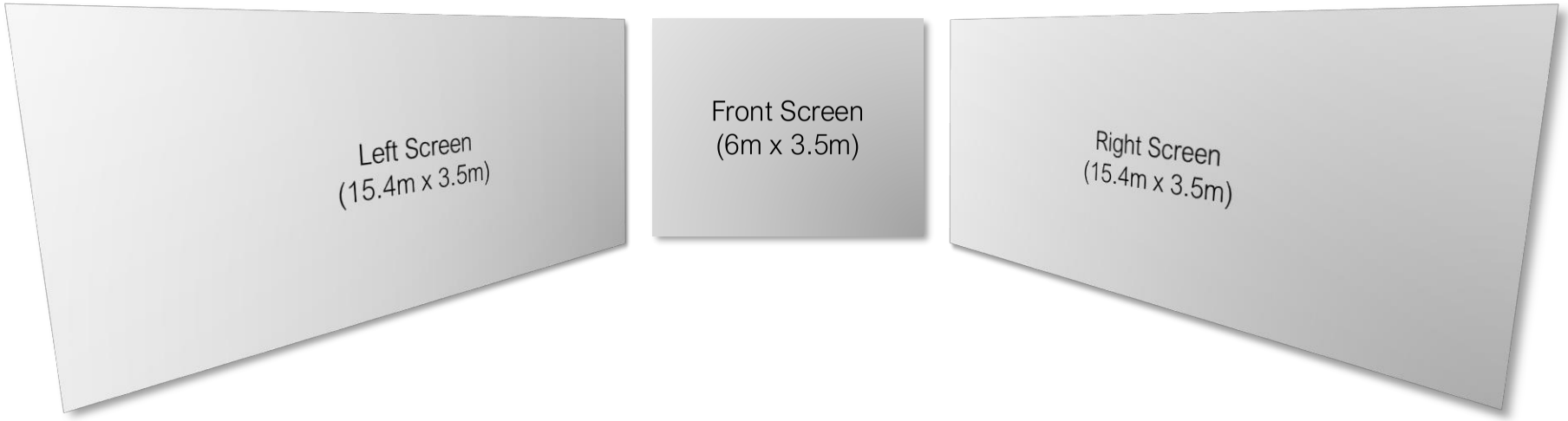
Video Canvas: two screens, each 4800 by 1080px. 6 projectors driven by our Ai server, this system requires all media to be encoded to 'AIM' format. We can do this for you, however a cost may be involved. (see page 7 for more information)





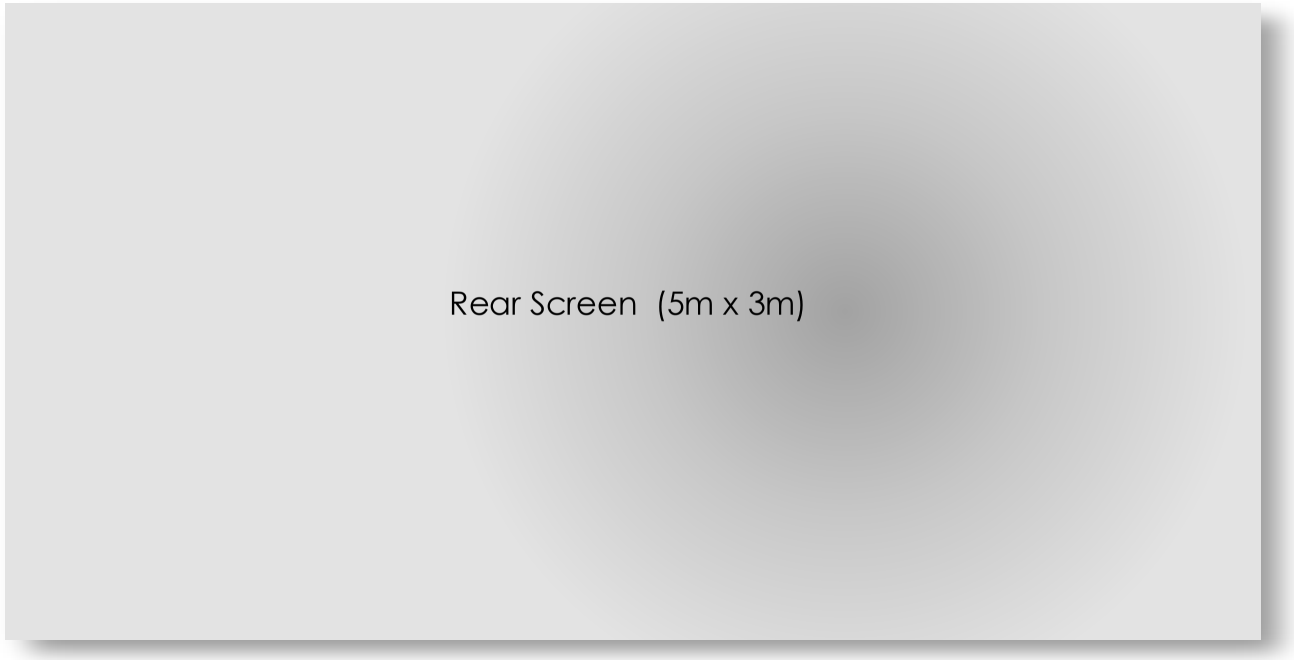
PROJECTION SCREEN in 270 degree Format

Video Canvas = 12120 by 1080px. 7 projectors driven by our Ai server, this system requires all media to be encoded to 'AIM' format. We can do this for you, however a cost may be involved. (see page 7 for more information)



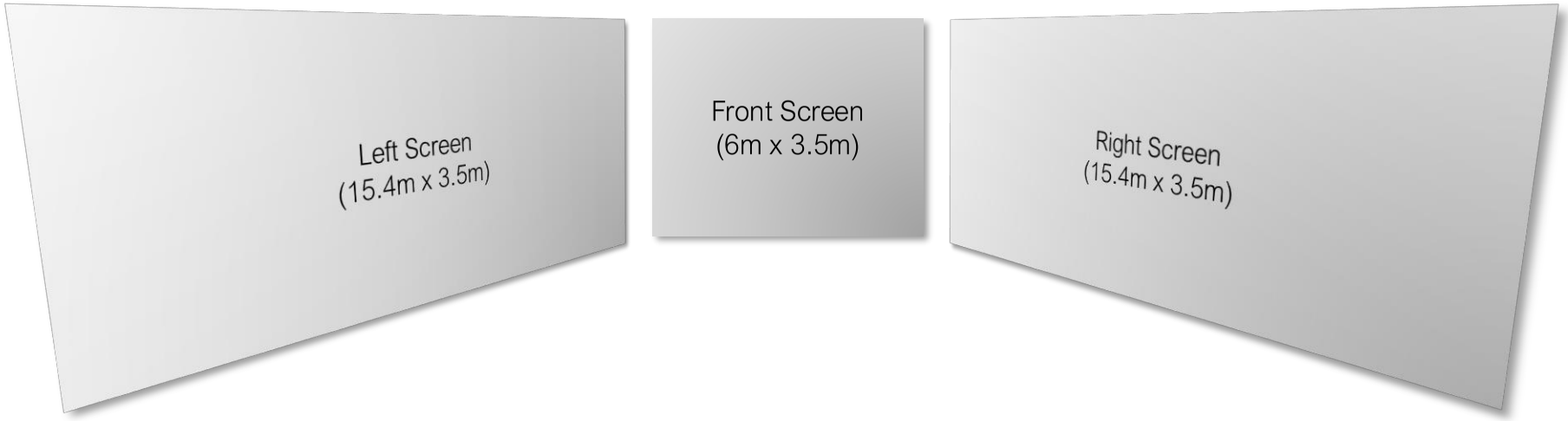
PROJECTION SCREEN Mobile Screen(Supplementary)

Video Canvas = 1920 by 1080px. This is an additional screen that can be used independently or as part of the above setups. it provides a key focal point for guests to see promotional footage and any other materials. Two of these supplementary screens may be used, the usual placement for these is one at the front and one at the rear of the main room. These are often used alongside the 270 format.
(see page 8 for more info)



PROJECTION SCREEN in 360 degree Format

Video Canvas = 12120 by 1080px. 8 projectors driven by our Ai server, this system requires all media to be encoded to 'AIM' format. We can do this for you, however a cost may be involved. Due to complexities, the front and rear screen are duplicated and will display the same image. (see page 7 for more information)



AI System Content Specification

Aures uses Avolites Ai Q3 media server to drive the larger projection System. In order to gain the best performance from the media server we use the proprietary codec 'AIM'. This format is lossless, it provides a high quality image to be output by the projectors.

We highly recommend encoding files directly to the AIM format to avoid compression artifacts. Where this is not possible please contact us for alternative formats. Media encoded to compressed formats such as MP4 will only be accepted for testing purposes(ie: to check framing and positioning of content).

Ideally any still image is to be delivered in a png format, however we can also handle AI, EPS, PDF, SVG, or JPG(JPG images may distort and pixalate more easily).

Any Video would ideally be delivered in an AIM codec. More information on the AIM codec can be found at https://www.avolites.com/support/ai-downloads/ (scroll down to the old downloads section and select the appropriate OS and install).

A guide on how to use and set up the AIM codec can be found here https://www.avolites.com/tutorials/ai-aim-codec/

You can also use prism player to convert files to the AIM codec. https://www.avolites.com/prism/

Alternatively, we can convert your Video and images here at Aures however there will be a fee associated with this.

Images and clips can be looped, static, sped up/down and/or have motion applied to them via the media server.

The current suggested frame rate is no more than 30fps, however the server can handle 60fps. The more layers added to the output would require a lower frame rate to be used. The maximum number of layers is 8.



Please contact: charlotte@aures-london.com for the above template/ mapping guide image.

Mobile Screen System Content Specification

The Mobile screen uses Prism Zero to project images. This uses the same hi-fidelity format as the AI server. please see page 7 for more information on the AIM format.

the dimensions of this screen canvas are 1920 by 1080px.

This is an additional screen that can be used independently or as part of the controlled system. However images cannot be layered on this screen.

Additional information

LIGHTING
Additional lighting may be added to our existing truss on the prior written agreement of the AURES Technical Manager.

Gobo's
Company or brand logos may be projected on any surface using our lights. these can be moved around the room and are an independent system from our visuals projection system. Please contact the sales team for more information.

SPECIAL FX
The use of any non-house special effects and other technical equipment is conditional on the prior written agreement of the AURES Technical Manager.

SMOKE MACHINE/HAZE
Additional smoke machines and hazers are permitted on site, conditional on the prior written agreement of the AURES Technical Manager.

CONFETTI CANNON
Paper and foil cannons are permitted on site, conditional on the prior written agreement of the AURES Technical Manager.

SOUND RESTRICTIONS

MAXIMUM PERMITTED NOISE LEVELS - 3D AUDIO PA SYSTEM & BINAURAL PA SYSTEM

The limit is 105dB when measured from the center of the system, over a one minute period.
This will be monitored by the in house technician throughout the night to ensure it's at a safe level.

Audio file formats permitted in the Venue for Public/Ticketed events;

Allowed: Aiff, Flac, Wav ALAC

Not Allowed: MP3, AAC

Audio file formats permitted in the Venue for Private/Personal events;

Recommended: Aiff, Flac, Wav, ALAC

Allowed: Mp3, AAC

Venues Sound Technical Specifications

Here's what the venues sound system runs at for any events which want to play their tracks or videos at the highest quality in our venue.

We primarily run everything through the DJR 400 (Rotary Mixer) but will sometimes hire in a mixer for for larger projects which then replaces the DJR.

The DJR runs via XLR into the MadiFaceXT Usb which then goes into the Ferrofish's and is distributed into the amps.

The Madi operates at 44.1kHz/24bit so if you want optimal, make sure your're audio files are mastered at 44.1kHz/24bit

INTERNET ACCESS

The Venue has a Fibre-Optic internet service that is sufficient for the needs of visiting personnel. It has 900Mbps download and 900 Mbps upload speed. This is more than capable of being able to reliably stream live broadcasts.

Wifi is available throughout the venue. - We operate both 2.5ghz and 5ghz netowors, the passwords and uses are as follows:
Aures_Guest - Open network with login screen for guests(limited to 10 Mbps
Aures_london - Aures123(To be reserved for event staff and VIP's)
Aures_BOH - Sales devices only(this network is not to be used for any other activity than to connect PDQ/devices facilitating sale of goods).
Aures_staff - Venue Staff use only
Aures-LX - Technical staff only, please ask for the password.

BROADCAST SETUP

Vision mixing

1 X Blackmagic ATEM Television Studio

1 X Blackmagic hyperdeck Studio

1x SudioHub 20x20

2 x Blackmagic Micro Converter HDMI to SDI 3g

2 x Blackmagic Micro converterSDI to HDMI 3g

4 x Blackmagic Pocket 4K Camera

2 x Tripods

2 x Spider tripod mount

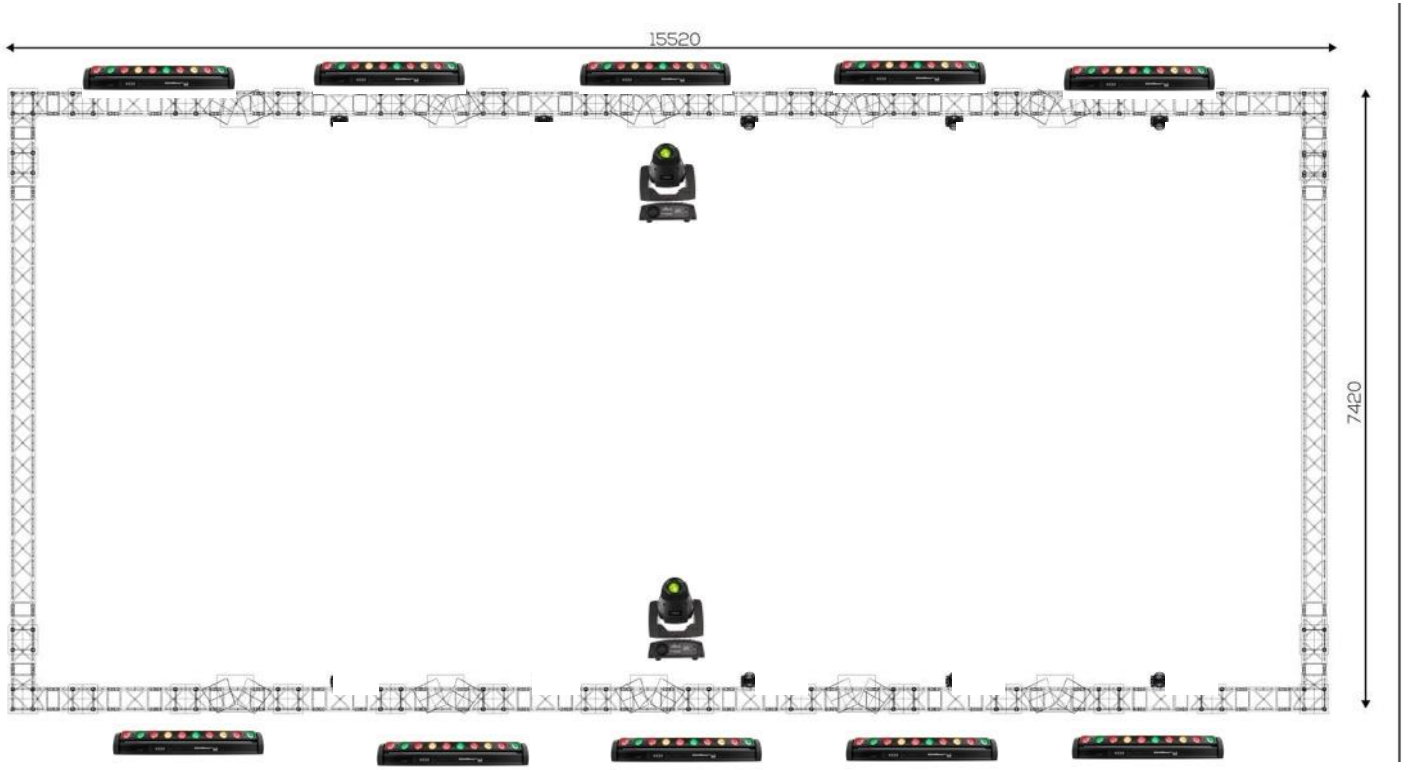
2 x Sigma Lenses 18 to 35mm f1.8

1x Olympus 7-14mm f2.8

1x lumix g 12-35mm f2.8

3 x Hollyland Wireless HDMI

TRUSS DIMENSIONS & LIGHTING PLOT



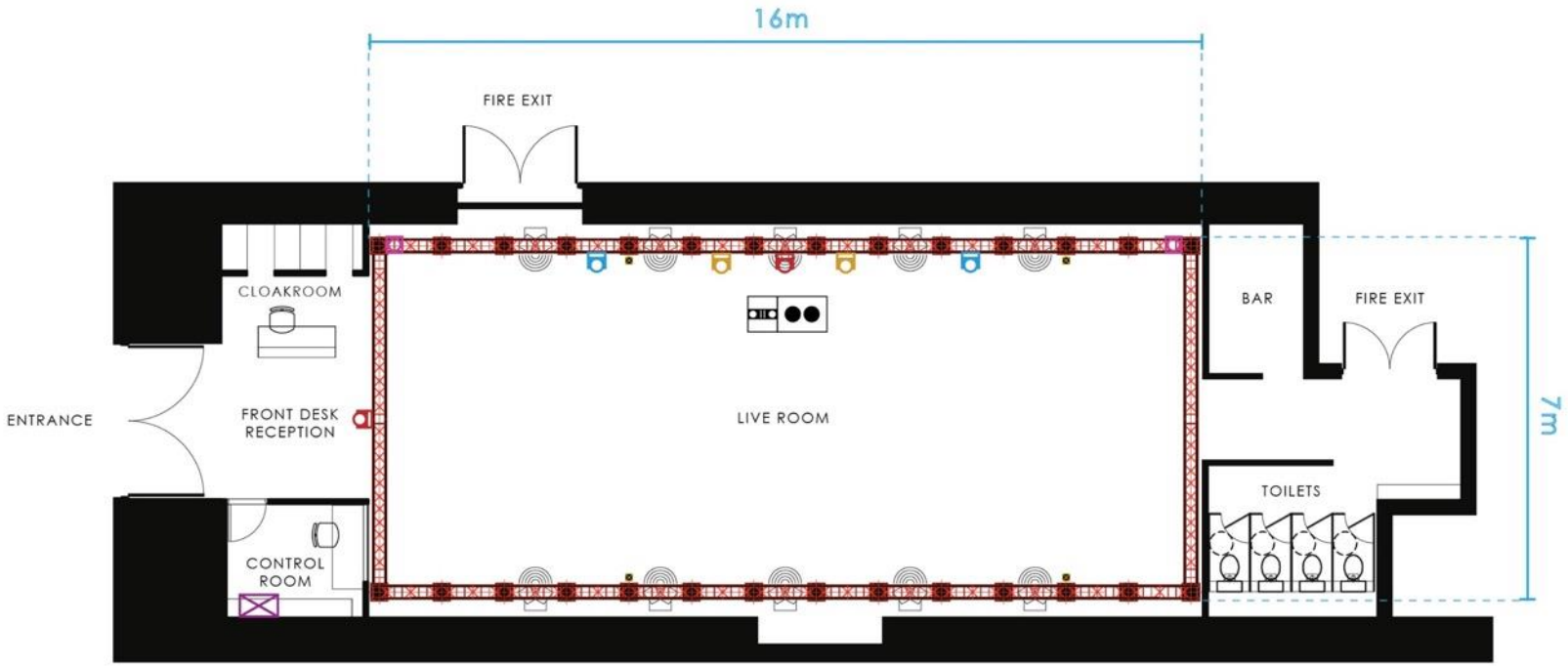


10 x Chauvet



2 x Chauvet Intimidator

ENTRY PROCEDURE



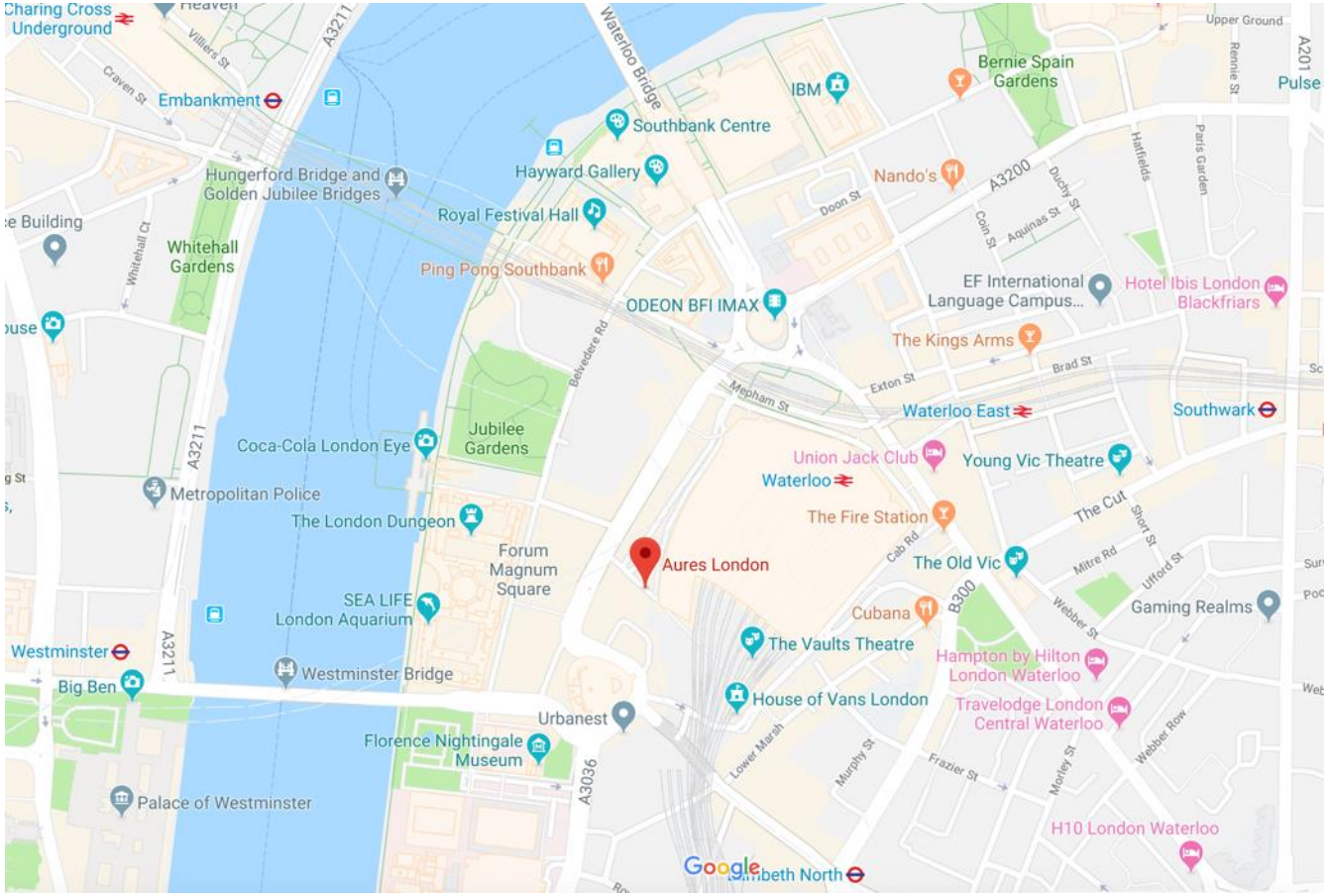
enter through the main entrance.

- Cloakroom is located on the left side as you enter the main doors of the venue.

PLEASE NOTE AURES LONDON IS NOT RESPONSIBLE FOR ANY EQUIPMENT LEFT IN ANY PART OF THE VENUE

- Aures London load-in is via the main double doors of the venue, on Leake Street, SE1 7NN
- There are no steps anywhere in the venue.
- There is a double sided 5.9 degree ramp into the main space
- Parking is available in the surrounding areas
- Production and guests

LOAD-IN DETAILS



Aures London
18 Leake Street London SE1 7NN

Access to leake St is controlled by waterloo station, please use the call box next to the rising bollards to gain access. This area is for loading and unloading only, please see page 17 for parking information. there is no onsite parking available.

OUTER DOOR

Load in door dimensions - OUTER DOOR :

Height - 3m
Width (double doors open) - 2.8m
Width (single door open) - 1.5m

Vehicles are able to stop and un-load infront of the main doors.

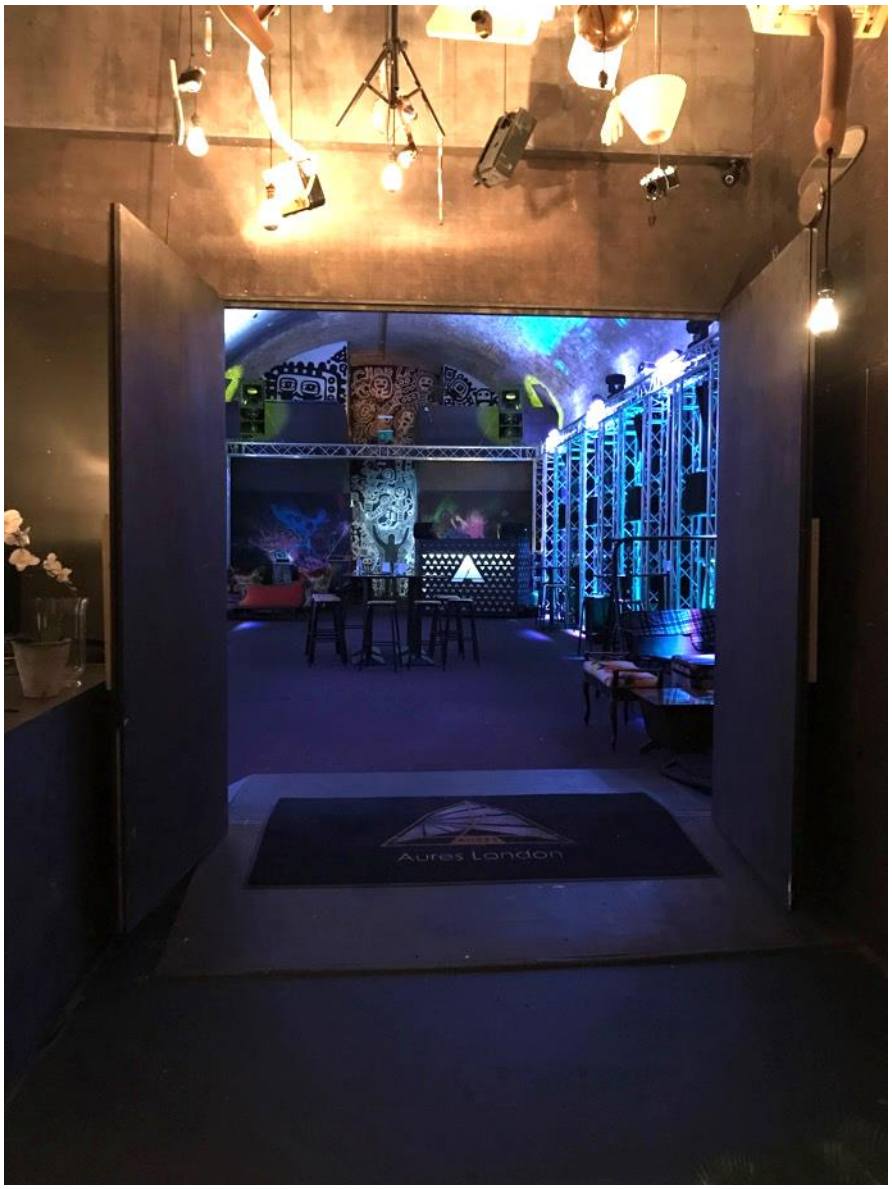
There is street parking around very close to the venue on the surrounding roads.



INNER DOOR

Load in door dimensions - INNER DOOR :

Height - 2.4m
Width - 2.4m
Ramp - 5.9 degrees



TRAVEL INFO

The venue is located underneath and to the rear of Waterloo Station. Please NOTE, there is no access from inside Waterloo station.

TO WALK FROM WATERLOO STATION: exit through exit 5 on the upper level. Walk along the bridge and turn left down 3 flights of stairs, this will bring onto the main road. Walk parallel to the station until you reach Leake Street on left, just after the set of traffic lights. Turn left into Leake Street and continue into the graffiti tunnel. You will find us situated behind the second shutter on your right.

BY BUS: Closest bus stops to Aures are:
Southbound:
A7 - Waterloo
507 - County Hall
77 - County Hall
76 - County Hall

Northbound:
A7 - London Eye
77 - County Hall
381 - County Hall

BY CAR: From Waterloo bridge, take the 3rd exit at the ODEON BFI Imax roundabout, proceed along the A3200, York Road, until you reach a set of traffic lights. Just after these traffic lights, turn left into Leake Street. Proceed into the tunnel and you will find us situated behind the second shutter on your right.

From Westminster bridge, follow the road round to the left, around the Park Plaza Hotel. Proceed along the A3200, York Road, until you reach a set of traffic lights. Just after these traffic lights, turn right into Leake Street. Proceed into the tunnel and you will find us situated behind the second shutter on your right.

LOCAL CAR PARKS:

Waterloo Car Park
39 York Road, London, SE1 7NQ
Website: https://lookingforcarpark.com/car-park/waterloo

London Waterloo Station Car Park
Station approach, London, SE1 8SW
Website: https://www.apcoa.co.uk/parking/london/london-waterloo-station/

STREET PARKING
There is street parking available on, Chicheley Street, Belvedere Road and Lower Marsh Street.

For more information please contact:

Charlotte Gowers: charlotte@aures-london.com
Technical Manager

or

Genral Enquiries: info@aures-london.com