



Technical Specifications January 2026

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Housekeeping

Welcome to our newly refurbished Arts Theatre Cambridge after undergoing an extensive and expensive transformation and as such the main auditorium, Visiting Company rooms have been remodelled to a very high standard. Please help us to keep it that way by taking all care and due diligence when moving yourselves or equipment through these areas. Please respect at all times the instructions from the in-house team and please report all housekeeping issues/damages as soon as they arise. Thank You.

Access:

The main entrance to the Theatre is found on Peas Hill via our Box Office reception. This entrance is open from 10:00 am every day and access to backstage is via a coded door. Stage door is manned on Fit up days from 8:00 am. But at all other times please use the main entrance.

The building operates a Salto electronic access entry system that visiting tech company may need to obtain a card for access to certain areas. These will be issued by the tech team and signed for. If they are not returned a charge will be incurred to the visiting company.

Parking:

Please note that we do not have any on site parking facilities. There is a pay car park for cars only just around the corner from the theatre, but we have no facilities for vans, minibuses etc to be parked near to the theatre apart from whilst unloading.

The nearest paid car park is at the [Grand Arcade](#) which is open 24 hours a day. This car park is quite expensive

The council runs 'park and ride' buses until 20:00 from several locations around the city.

There are a number of side streets where parking is free for the day, all of these are 15-20 mins walk from the theatre.

Internet:

Internet and WiFi connections are available backstage and on stage please ask a member of the Tech Dept for access password.

Dressing Rooms/Welfare

We have 8 dressing rooms and a band room. Three dressing rooms are large (up to 6 people) and three are small (1 to 3 people). There is also an accessible dressing room with ensuite at stage level. The band room can be used as 2 dressing rooms if needs be (up to 8 people in each). Some of the dressing rooms have showers and toilets ensuite, other showers and toilet facilities are available close by.

There is no designated visiting company office.

There is a small kitchenette with microwave and fridge in the Green Room area with Tea and Coffee making facilities.

Wardrobe:

There is a wardrobe room and a laundry room with 2 washing machines, 2 tumble dryers.

Please note that any Laundry equipment that creates heat will not be able to be left on overnite. Hot Boxes must be kept in the dock area due to low ceiling height in dressing room area.

Prompt Desk:

GDS Prompt desk with paging facility located in stage left wing.
 12 way Q-light circuits (patchable)
 Fully integrated comms both hard wired and wireless available.
 Video camera and monitors – colour and infra red.
 Additional MD camera available on request – **hire fee applies.**

Stage:

The Stage is flat (no rake) and has a glazed black ply surface. Visiting Companies may fix directly into the floor with screws at the discretion of the in-house staff.

Stage dimensions:

Width of proscenium	7,800mm
Height of proscenium	4,960mm
Depth of stage to u/s of safety curtain	10,000mm
Height of stage from auditorium floor	950mm
Forestage/Pit Lift A front - from front of stage	1,420mm
Forestage/Pit Lift B front - from front of stage	2,400mm
Forestage/Pit Lift A depth	1,420mm
Forestage/Pit Lift B depth	980mm
Height to underside of grid	14,690mm
Height to underside of stage left fly floor.	5973 mm
Height to underside of stage right fly floor	7078mm
Height of Scene dock	3,070mm
Width of scene dock door	2,880mm
Diagonal of inner dock door	4,170mm
Narrowest point in dock	2,040 mm

Flying system:

46 single purchase counterweight bars and 2 'up and down' bars, one either side.
 (Max. spread load 500kg; max. point load 125kg)

Length of bars	10,200mm + 900mm extensions
Max height of bars	14,000 mm
Min. height of bars	1,000 mm
Max point load from the grid:	1 ton per 3m

We carry 6 spreader beams in the grid.

Please note that all bars may not always be clear before a fit up commences. If a full de rig is needed for your show, this may incur an extra cost. Please enquire for these costs.

Seating

The front two rows of the auditorium (rows A and B) can be removed, to form a full Orchestra Pit. We will presume that these rows will be sold unless we are told otherwise by your company in advance.

We can provide access treads to the auditorium at either side of stage but each set of treads will require a loss of two seats from row A. Please inform us of this requirement as soon as possible

Front of house lighting bridges:

Advance Bar 1 - distance from front of stage	2,800mm	UDL 400Kg
Advance Bar 2 - distance from front of stage	5,100mm	UDL 250Kg
Advance bar 3 - distance from front of stage	10,300mm	UDL 250Kg
Height of FOH bridges above stage level	7,500mm	
Circle front lighting bar - distance from front of stage	9,000mm	
Height of circle front bar above stage level	3,100mm	

Soft Masking

6x borders, black, 11.5m wide by 3.0m deep

1x border, black, 11.5m wide, by 4.0m deep

5x pairs of legs (10 no. total), black, each 3m wide by 7.5m deep

2x pairs of legs (4 no. total), black, each 1.25m wide by 7.5m deep

2 x Full Black cloths, 11.5m wide by 7.5m deep

We carry a limited amount of other drapes. Please enquire for listing and pricing.

Hard Masking

4 x hard masking flats with black wool serge cover, 1.22m wide by 5.5m high

Temporary Power:

Stage Left scene dock

2 x twin 13a

3 x 1ph 32a Ceeform

2 x 3ph 32a Ceeform

2 x3ph 63a Ceeform

400a power lock

Stage Left scene Dock (clean earth for sound):

1x 63A SP&N Ceeform

1x 32A SP&N Ceeform

1x 16A SP&N Ceeform

Lighting Equipment:

Within the lighting Bridges is a full LED Front of house rig consisting of 20 ETC Source 4 LED S3 Lustr, with XDLT 15-30° lens tube. These are not removable from the bridges. Plan is available on request.

We have a generic tungsten in house rig consisting of 30 x Cantata 1ks, 30 x Parcans with various lamp options and 40 x Source Four profiles with various lens options.

We also carry led battens and a very limited number of moving lights. Please submit your lighting plans to confirm numbers of generics and please enquire regarding moving lights and hire fees.

We are a Tru 1/Socapex house with regards to all in house plugging up. A number of adapters are available. Please enquire to secure these.

We carry an in-house stock of Gobos. Please e-mail with your requests for these and we will confirm hire costs.

Lighting Control:

ETC EOS Apex 5 Lighting Console (Main console) Link to desk - [Eos Apex Features](#)

ETC Ion Xe Lighting Console (Back up/roaming) Link to desk - [Ion Xe Features](#)

Output: Network / Dmx

ETC Sensor 3 Dimmers with ThruPower - 183 x 10A circuits, 15 x 25A circuits.

Circuit distribution plan available on request.

Please note that stage overhead circuits are via socapex sockets and not 15A.

Colour

The Arts Theatre carries a stock of Lee and Rosco Supergel filters from which a colour call may be prepared in advance at a cost of £50.00. Colour not in stock, other brands of colour filter or large quantities of filter can be supplied, and will be charged for at cost in addition to the colour call charge.

Please note that our House dimmers need to remain on universe 1 to allow use of our house lights. Please contact if this is an issue

Follow spots:

Macula Remote follow spot system, Using 2 x Mac Viper XIP. For more info please open the following link:

[Macula - Macula](#)

Trained in House operators are available at cost.

Sound:**Mixing desks:**

Yamaha DM7 Digital mixing console with Yamaha DM7 Control sidecar expansion. Link to desk:
[DM7 Series - Overview - Mixers - Professional Audio - Products - Yamaha USA](#)

1 x Soundcraft EPM6, 6 channel analogue mixer.

Sound can be operated at the rear of the Stalls or in the control box at the rear of the Circle.
N.B If operating at the rear of the stalls the desk may be moved to off centre to accommodate extra sales. Any seats that can be given back for sale will be.

Signal Processing & Amps:

1 x D&B DS10 Audio Network Bridge
3 x Yamaha RI8-D (2x floating, 1 x installed in the control room)
2 x Yamaha R08-D (installed in the amp room)
1 x D&B 40D
1 x D&B 30D
5 x D&B D6 Amplifier (delays, in fills and floating stock)

Our sound system is controlled via Dante Controller and the D&B R1 app from the laptop in the sound control room.

Installed sound system:

D&B V7p (stalls and circle each side of the pros)
C& sub-bass units
D&B E3 front fills if needed
D&B E4 (4 x stalls, 4 x circle).
D&B E6 delays in stalls.

We have a number of other speakers for your foldback/ monitoring needs. Contact tech team for more information and any additional costs.

Tie Lines:

Cat 5, Fibre, SDI, Speakon, and XLR lines to all areas of the stage, orchestra pit, band room and auditorium.

Our in house microphone stock is as follows:

Dynamic Microphones:

Shure SM58
Shure SM58-S
Shure SM57
Beyerdynamic MG201TG

Beyerdynamic M88TG

AKG D112 (Kick Drum)

Sennheiser E604 (with tom rack mounts)

Condenser Microphones:

Shure SM91

AKG CK91 (with S3008 bodies)

Crown PCC160 boundary mics

Beyerdynamic MCE 86N

Audio Technica AT815b

Please email a member of the tech team for current stock levels and fees if applicable.

Comms:

6 x Canford Audio Tech Pro Packs

8 x Hollyland Solidcom wireless intercom system

DI Boxes:

DBX DB12

BSS Audio AR133

Canford DI 100

EMO Single DI Box

MTR DI-3 GT

Splitters:

Canford SB901

ARTcessories DT1 22

Radio Microphones:

We have a 16 way Sennheiser SK500 radio rack with the following Ancillaries:

Sennheiser EW500 G3 Receivers

Sennheiser SK500 G3 Transmitters

Sennheiser SKM500 Handheld Transmitters.

Radio mic licensing:

We hold a site licence for the following frequencies:

Ch69, Ch38, Ch39, Ch40 – for touring equipment (not all frequencies available and are constrained by the Digital Switchover)

Ch40, Ch42 and Ch43 – Cambridge Arts Theatre Equipment.