

CUMBERNAULD
THEATRE **AT**
LANTERNHOUSE

STUDIO THEATRE
TECH SPEC

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Please note:

Some items listed in this tech spec are shared between the various spaces and events at Lanternhouse. Items listed may be subject to availability. Please contact the Technical manager to discuss availability.

GENERAL INFORMATION

Contact info

Cumbernauld Theatre phone number - 01236 732 887

Matt Nevans - Technical and Production Manager
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Amanda Young - Operations Manager
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Website - lanternhousearts.org

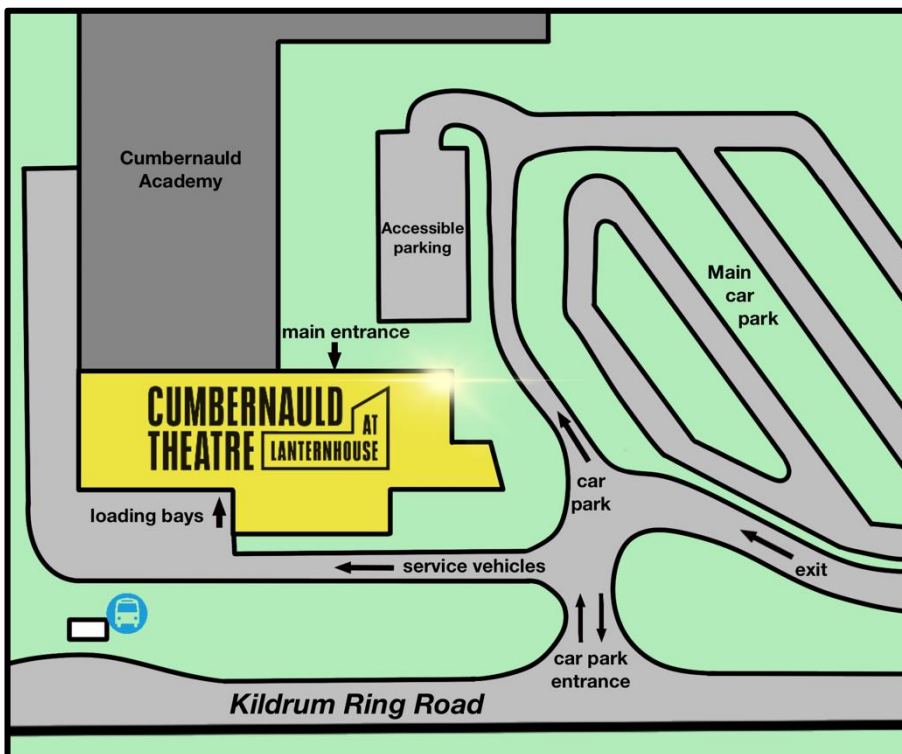
Location

Cumbernauld Theatre at Lanternhouse
South Kildrum Ring Road
Cumbernauld
G67 2UF

Lanternhouse is located on the Cumbernauld Academy campus, to the left of the school's main entrance.



The loading bay is located at the back of the theatre building. As you turn in to the Cumbernauld Academy car park, take the first left, signposted 'Service vehicles'. In around 300 yards you will see three roller shutter doors on your right. The largest roller shutter in the middle is our main loading bay.



Please check in at box office on arrival and a member of the technical team will meet you and open the roller shutters for your get-in.

Parking

Free parking is available on site in the main Cumbernauld Academy car park
Vans can be parked at the rear of the building adjacent to the loading bay

Backstage access

Access to backstage areas is granted via an electronic key fob. These will be given to your company on the day of your get-in. These must be handed back at the end of your visit.

WIFI

WIFI is available onsite in all areas.

Smoking

In accordance with Scottish law, smoking is strictly prohibited within the building and on the grounds of Cumbernauld Academy, including on stage. If your show includes smoking, you will need to arrange a suitable alternative. Please contact the technical manager if you wish to discuss this.

Portable appliance testing

All electrical items must have a current PAT certificate. Any item which does not have a current PAT certificate, or fails a visual inspection, may not be used at Lanternhouse. PAT testing can be carried out on site by our technical team at an additional cost.

BACKSTAGE

Please note that these facilities are shared with staff and other visiting companies.

Dressing rooms

4 dressing rooms (3mx4m) located on the ground floor, on the same level as the stage.
Accessible toilets and shower facilities located adjacent to dressing rooms.

Personal items are left in dressing rooms at your own risk. Cumbernauld Theatre Trust Ltd. and North Lanarkshire Council accept no responsibility for lost or stolen items.

Green room

A comfortable seating area with couches, tables and chairs.
There is a kitchenette adjacent to the green room with Microwave, kettle and fridge.
These are communal areas so please keep them tidy.

Laundry

1 x washing machine
1 x tumble dryer
clothes drying racks
Iron and ironing board
Sewing machine

Workshop

Limited workshop facilities including basic hand tools and power tools. Please ask a member of the technical team before using the workshop facilities.

Storage

Empty cases may be stored in the scene dock if there is adequate space.
Lanternhouse has limited space, so please keep areas you are using for storage tidy.
There are no facilities for storage of scenery, props, costume, or technical equipment before or after your show run.

Emergency exits

Emergency exits and exit routes must be kept clear at all times. Emergency exit signs must not be covered or obscured at any time. Maintained emergency lighting can not be turned off.

STUDIO

Configuration

End on studio theatre with a retractable seating bank.

The seating bank can be retracted and the studio used in various configurations.

The main performance space is on the stage area. Other configurations can be accommodated.

Capacity

105 with seating bank

60 cabaret

125 standing

Control position

Located in a room above and behind the seating bank. Access to the control room is through the foyer.

There are 3 windows, one which can be opened. There is a worktop with space for lighting and sound desks, AV operator, and space to set up an audio describer or captioner.

There is a show relay speaker in the control room.

A control position can be set up on the studio floor when the seating bank is retracted.

Access

Audience entrances on auditorium left at ground level.

Wheelchair spaces are at the front of the seating bank.

STAGE

Auditorium width	10.3m
Auditorium length (incl. stage) - seating bank retracted	12.3m
Stage depth (to setting line)	6m
Stage width	6.85m
Height to tension wire grid	5.2m
Setting line to front row of seating bank	

Please note that there is no wing space in the Studio.

Rigging

- Overhead rigging is on bars over a tension wire grid. Bars can be repositioned as required.
- Bars can be hung below the tension wire grid from strops
- A motorised bar above the seating bank for FOH lighting
- Two perches either side of the auditorium for lighting
- 14 x boom bases, various sizes of scaff, and 250mm and 500mm boom arms
- A selection of strops, shackles, carabiners, pulleys, scaffolding and clamps available

Masking

- Standard black box set up
- Side swipes on tab tracks
- Various borders, legs and misc. soft masking available

Deck

- 12 - 8'x4' lite deck
- 4 - 4'x4' lite deck
- Legs - 375mm, 575mm, 775mm
- Modular treads - 200mm, 400mm, 600mm, 800mm

Stage entrances

Cast can enter the stage from a door SR, from the emergency exit auditorium left, or from the audience entrance auditorium right. There is no backstage crossover.

Stage misc.

- Full stage black dance floor
- Stage weights
- Braces
- 2x lecterns available
- Music stands available

Access equipment

- Genie GR20 - up to 8m - to be used by IPAF trained personnel only
- Zarges 14-rung - up to 6.95m
- A selection of smaller A-frame ladders - up to 3m

Get-in access

- A large roller shutter on the rear of the theatre building into the scene dock. H: 4.6m W: 3.5m
- A roller shutter door from the scene dock into the studio. H: 3m W: 2.4m
- Access routes to the auditorium and studio theatre and dressing rooms are flat and at ground level

Please note that the get-in to the studio crosses a backstage corridor. This corridor must be kept clear at all times.

LIGHTING

Lighting control

ETC Element 2
Max. patchable addresses: 1024
2 x touch screens

Data

Controlled through sACN using a Chauvet NET-X II node rack-mounted in the control room.
There are 8 universes of DMX run throughout the space. DMX patch panels are available on stage in all four corners, and on the tension wire grid.

It is possible to run in DMX to control lighting through a traditional DMX setup if preferred.

Sensor3 dimmers are on universe 1 in each space.

Power and dimming

PLEASE NOTE: ALL LX POWER AND DIMMERS ARE 16A CEEFORM.
There is no infrastructure for 15A power or dimmers. We only have a limited stock of 16A-15A adapters.

ETC sensor3 ThruPower - 96 circuits

All circuits are individually assignable as dimmers or switched power. All lighting fixture power is run from sensor3 racks on switched mode and controlled through the lighting console.

Temporary power

63A single-phase and 63A three-phase ceeform power outlets located on stage left.

House lights

Can be controlled by DMX through sACN on universe 101
Can also be operated from panels SR and in control room

Working lights

Operated from panels SR and in control room
Linked to fire alarm system to come on automatically for evacuation

Lantern stock

Incandescent

Type	Description	Quantity
Fresnel	Strand w/ barn doors - 1kW	4
	Selecon Acclaim w/ barn doors - 1kW	6
Profile	ETC Source 4 jr zoom 25°-50° - 500W	6

Intelligent

Type	Description	Quantity
Par	Pro Light Studio COB FC	24
Mover	Martin Era 300 profile	4
Batten	Equinox SprecraPix Batten	10
Pinspot	Chauvet Colordash Accent Quad	4

Lighting misc.

Gobo Holders - B-size gobo holders for Source 4

Irises - 10 x Source 4 size

Booms - 14 x boom bases, various sizes of scaff, and 250mm and 500mm boom arms

Haze and Smoke - 2 x Unique Hazers, 2 x Unique smoke machines

Gel - We are not able to supply gel for visiting companies

SOUND

PA system

EM Acoustics PA

2 x EM 81X (Fixed to wall)
2 x EM 115 (Subs)

Foldback

8 x QSC K12 (Contact us to check availability)
2 x QSC K8 (with rigging clamps)

Amps

1 x EM AQ-3 4-channel power amplifier

Sound desk

Behringer Wing

- 8x local inputs and 8x local outputs
- 2 x Midas DL32 stage boxes - 32x inputs and 16x outputs each
- 2x Behringer SD8 stage boxes - 8x inputs and 8x outputs each
 - one of which is mounted in amp rack at FOH

Also available

- Allen & Heath QU24
- Allen & Heath QU16

Playback

- Macbook Pro M1 16-inch 32GB with full Qlab license
- Behringer Wing has built-in soundcard via USB

Mics, etc.

- A selection of microphones including Shure Beta 58s, Beta 57s, and a variety of instrument mics. Full mic list available on request.
- 12 x Sennheiser radio mics and receivers - 8 x belt packs and headsets, 4 x handheld mics
- DI boxes
- Mic stands
- Cabling
- Speaker stands for QSC K12s

Backline

- Casio PX-S 3000 digital piano with stand
- Fender Tone master deluxe guitar amp
- TC Electronics BG250 Combo bass amp
- Drum kit with shells and hardware (no breakables)

AV

Projectors

Panasonic RZ660

- 1.7-2.4 zoom
- 6200 Lumens
- Normally rigged on FOH motorised bar

Projection screens

- Front projection fast fold screen 3m x 2.2m
- Can be rigged or on a floor stand