

Chelmsford Theatre Studio Technical Specification

Chelmsford Theatre Studio is an intimate black box theatre seating up to 165 and presents a programme of smaller scale professional touring theatre, music productions, dance, and lunchtime concerts. Films and live screenings come to life in the Studio with comfortable seating.

The retractable seating allows for varied seating configurations including standing, cabaret and immersive environments. The space is also available for hire for lectures, conferences and exhibitions. The retractable tiered seating unit seats 140, with an additional 2 front rows available to seat a further 26. In cabaret layout the room can accommodate up to 110.

This information is subject to change and should be used as a reference point, prior to discussions with the Technical Department. Please contact us if you have any questions. All equipment is subject to availability, additional charges may apply, please see the equipment recharge sheet on the website.

Paul Richard
Technical & Buildings Manager
paul.richard@chelmsford.gov.uk
01245 606506

Chelmsford Theatre
Fairfield Road
Chelmsford
Essex
CM1 1JG

Jenny Urquhart
Senior Technician
jenny.urquhart@chelmsford.gov.uk
Duty Manager – 07739 929481



Building Access and Get-In Arrangements:

The site is accessible from Fairfield Road, via a security barrier. Access is provided for unloading/loading only. Vehicles must exit using the Coval Lane barrier unless they are over 15 tonnes, in which case they must turn around and exit via Fairfield Road.

- The access door is 1.7m wide x 2m high
- Technical staff will need to supervise reversing of any large vehicles
- You will be able to park alongside the fire exit doors (the first set that you come to) for the purposes of unloading only
- Parking is available in nearby 'Visitor' parking spaces, or the Fairfield Road car park (access via Coval Lane)
- A door code will be given to you by your Duty Stage Technician for backstage access

Dressing Rooms and Backstage Facilities:

- 2 dressing rooms with adjoining door, each with 2 sinks and accommodating 12 persons per room
- The backstage corridor has a show relay video monitor screen
- Dressing rooms receive show relay and backstage calls
- Shower and toilet facilities are located along the backstage corridor

Auditorium Layouts and capacity:

- Overall size of the room with seating retracted 11x11.5m (36ft x 37ft)
- With tiered seating at 140 capacity, the maximum performance area is 11x5m (36x 16')
- With tiered seating and additional rows of seats, the capacity is 166, the maximum performance area is 11x3m (36x10')
- This is available as bare wooden floor or with fitted Harlequin cascade black dance floor

Staging:

- Staging can be used but may restrict use of front two rows of seats or cabaret capacity
- Staging is 2x1m RATStand Stage 4 aluminium deck with 2ft legs as standard.
- There is perimeter black masking covering the side and rear walls.
- Screwing or bolting into the stage is NOT permitted
- Please note there are no permanent tabs or wing masking

Access Equipment and Working at Height:

- Access to the grid is via a Zarges Skymaster
- The tallescope may be used if the seating has been retracted and it is available
- The lighting grid is 4.87m high (16ft)

Visitors are allowed to work at height under the supervision and at the discretion of the Duty Stage Technician. Our Risk Assessments and Normal Operating Procedures are available on request.

Lighting:

- The standard operating position for all performances is in the control room at the rear of the seating bank

Control

- ETC Ion XE20 lighting desk with 1 touchscreen
- ETC remote app on an iPad

Dimming and Universes

- 106 dimmer circuits from Light Processor Dimension dimmers, 90 hardwired and 12 patchable to 4 socapex outlets.
- DMX circuits are available in the lighting rig and at stage level are patched in the control room
- All intelligent fixtures will appear on universe 2

Power

- All tungsten lighting use 15-amp
- Some 13 and 16 amp sockets are available from facility panels located around the stage
- 1 x 63 amp single phase CEE form socket is available USR

Lantern Stock

The venue operates a standard LX rig. Your individual lighting requirements can be arranged for you in advance or on the day of your arrival on provision of a detailed venue specific lighting plan.

This equipment is shared between theatres and may not be available.

10 x Source 4 Junior 25/50 zoom profiles (575w)
8 x Chauvet EVE-E 25/50 zoom profiles (LED)
18 x Strand Quartet Fresnels (650w)
14 x Strand Quartet PCs (650w)
4 x Chauvet Ovation 415 Fresnels (LED)
12 x Parcan 64s (CP62 lamps as standard, CP61 and CP60 available on request)
4 x Chauvet Quad Pars (LED)
4 x ProLights JetSpot 4z moving spots* (LED)
4 x Clay Paky Mini B moving washes* (LED)
2 x Robert Juliat Cricket Follow Spots *

FX

1 x Martin Magnum Pro 2000 fog machine
1 x Look Solution Unique 2 hazer

Sound:

- The standard operating position for all performances is in the control room at the rear of the seating bank
- The control room has sliding windows
- For cabaret seating or standing events, a sound desk can also be set up at floor level. This must be agreed before the show goes on sale as it may reduce capacity.

Control and playback

- Yamaha QL1 digital sound desk with iPad remote
- Yamaha TIO 16/8 stage box, additional Yamaha RIO stage boxes may be available if not required in the main house
- QLab 5 sound and video on a Mac Mini. This outputs via Dante Virtual soundcard.

Speakers

FOH	3 x EM Acoustic EMS-101X
SUB	1 x EM Acoustic EMS-115
FRONT FILLS	2 x EM Acoustic I-2
MONITORS	4 x KV2 EX10
AMPS	3 x Lab Gruppen IPD2400

Radio Microphones

- 4 x Sennheiser ew300 G3 belt pack radio mics
- 1 x Sennheiser ew300 G3 handheld radio mic

The following equipment is shared between theatres and may not be available

Wired Microphones

- 13 x Shure SM58 vocal mic
- 2 x Sennheiser e945 vocal mic
- 1 x Sennheiser e825 switched vocal mic
- 5 x Shure SM57 instrument mic
- 4 x DPA 4099 instrument mics c/w various attachments and clamps
- 2 x Sennheiser e906 instrument mic
- 4 x Sennheiser Evolution 604 tom mics
- 1 x AKG D112 kick mic
- 1 x Audix D6 kick mic
- 1 x Shure Beta 91A kick mic
- 6 x Sennheiser ME66 K6 rifle mics
- 3 x AKG CHM99 hanging choir mics
- 9 x AKG PCC160 PZM tap mics
- 4 x Clock Audio C600 pencil mics
- 2 x Audio Technica AT2050 large diaphragm mics
- 12 x BSS AR-133 Active DI boxes

Assorted microphone stands, music stands, multicores and stage boxes, mic and speaker cables are available as required.

Piano

We have a Yamaha U1X which can be booked in advance, tuning can be arranged at your cost. We can also hire grand pianos with the hire cost will be passed on.

Audio Visual:

Projector

- Barco SP2K-9 8000 lumen digital cinema projector

Infrastructure

- Dolby digital 5.1 film cinema system
- LANSAT Cinema Server
- Denon Blu-Ray player
- HDMI and SDI input in control room and stage
- Roland XS-42H Video switcher

Communications:

Comms

- 1 x Tecpro dual circuit power supply
- 4 x Tecpro BP511 belt packs with single muff fixed mic headsets

Comms points are available in the control room and 4 locations onstage

Accessible Performances:

- A Sennheiser MobileConnect system is installed in the theatre. It can be used for show relay enhanced listening and audio description when available
- Devices which are compatible with 3.5mm minijack input or are available at box office or users can use their own devices.
- The Studio does not have any permanent provision for the signing or captioning of performances, but suitable arrangements can be made as required. Please contact us should your performance wish to use such facility.

We aim to make your time at the venue as enjoyable as possible.

Let's work together to put on a great production.

Many thanks, Chelmsford Theatre Technical Dept.

