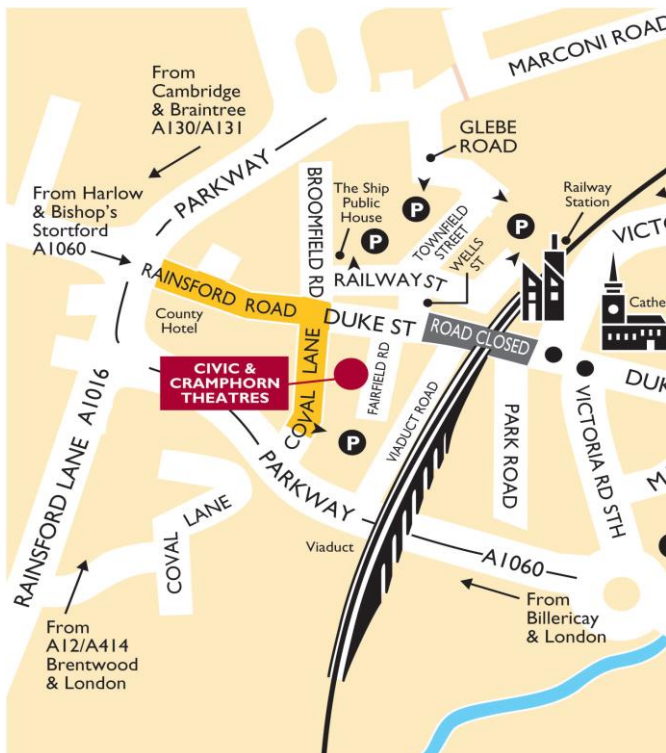


## Chelmsford Cramphorn Theatre Technical Specifications

### About Us

The Cramphorn Theatre is part of the Chelmsford City Theatres building located on Fairfield Road. The theatre is a multipurpose venue; please see [staging and auditorium layouts](#) for details.



Chelmsford City Theatres  
 Fairfield Road  
 Chelmsford  
 Essex  
 CM1 1JG

Bus station and train station on Duke Street  
 2 minutes' walk from the theatre

[Google Map](#)

If you have any technical enquiries please contact David Digby, Technical Manager on 01245 606349 or by email [david.digby@chelmsford.gov.uk](mailto:david.digby@chelmsford.gov.uk)  
 The building has a Duty Manager whenever it is open, they can be contacted on 01245 606950

### Building Access and Get-In arrangements

The Cramphorn Theatre can be accessed from Fairfield Road. Entry is via a security barrier that is operated by the City Council CCTV team. 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. Vehicles must exit using the Coval Lane barrier unless they are over 15 tonnes, in which case they must turnaround and exit via Fairfield Road. Special conditions apply for [articulated vehicles](#). Once unloading is finished access to the theatre and backstage areas requires a 4 digit door code which will be given to you by your Duty Technician.

The access door is 1.7m wide x 2m high



## Dressing Rooms and Backstage Facilities

2 dressing rooms are available with an adjoining door. Each will accommodate 15 people and has illuminated mirrors and costume hanging rails.

There is an additional dressing space located upstairs that is only available on request.

There is 1 male toilet, 1 female toilet and 1 shower room located in the same corridor.

The backstage corridor has a show relay video monitor screen and downstairs dressing rooms receive show relay and backstage calls. Show relay is also available from the Civic Theatre on request.

## Staging and Auditorium Layouts

The Cramphorn Theatre is a multi-purpose theatre space. It has a retractable tiered seating unit that seats 140, with an additional 2 front rows available to seat a further 26. In cabaret layout the room can accommodate up to 136 sat in both small rows of seats and at round tables.

With tiered seating the maximum performance area is approximately 4.9m x 11.2m (16ft x 36ft)

This is available as bare wooden floor or with fitted Harlequin cascade black dance floor

Staging can be used but may restrict use of front two rows of seats (see below).

Staging is 2m x 1m RATStand Stage 4 aluminium deck with 2ft legs as standard.

In cabaret format a number of staging options are available and can be discussed with the [Technical Manager](#), stage sizes and related seating capacities are:

6m x 4m – tiered end on 154, tiered with sides 166, cabaret with single stair 128, with dual stair 118

5m x 4m – tiered end on 154, tiered with sides 166, cabaret 126

6m x 3m – tiered end on 166, tiered with sides 166, cabaret 136

5m x 3m – tiered end on 166, tiered with sides 166, cabaret 136

The lighting grid is 4.87m high (16ft)

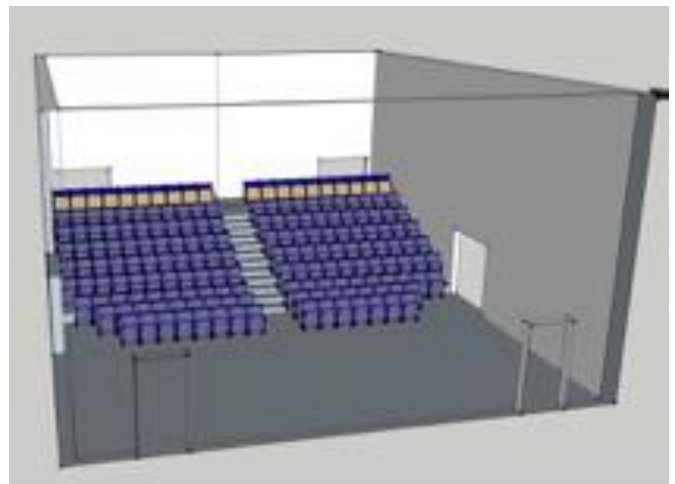
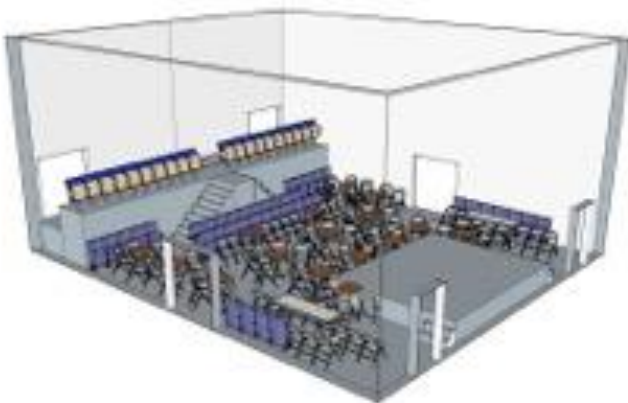
Overall size of the room with seating retracted 11.2m x 11.5m (36ft x 37ft)

Plans are available [here](#)

There are 2 pairs of soft black masking. As standard one is tracked at the rear and one covers the side walls of the stage.

Please note there are no permanent tabs at the front of the stage but swipe and 2 part tab tracks are available on request.

Screwing or bolting into the stage is NOT permitted



## Access Equipment and Working at Height

Access to the grid is via a Zarges ladder or an A-Frame or upright ladder. The tallescope may be used if the seating has been retracted and it is available.

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

## Lighting

### **Position**

The standard operating position for all performances is in the control room at the rear of the seating bank. The control room has sliding and removable windows.

### **Control**

ETC Ion XE20 lighting desk with 1 touchscreen

ETC remote app on an iPad

ETC Insight 2x lighting desk (512 channels, 600 groups, 10 x 108 subs, 600 cues)

ETC Riggers remote

### **Dimming and Universes**

DMX circuits are available in the lighting rig and are patched in the control room via a splitter unit

108 dimmer circuits from Light Processor Dimension dimmers (90 hardwired to 15a sockets, 12 hard patchable to 4 socapex outlets, 6 houselights and projection screen wash)

### **Power**

All theatrical lighting uses 15 amp plugs and sockets

13 amp sockets are available from facility panels located around the theatre

1 x 63a single phase CEE form socket available USR

### **Lantern Stock**

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

4 x Strand Prelude 28/40 zoom profiles

8 x Strand Prelude 16/30 zoom profiles

6 x Source 4 Junior 25/50 zoom profiles

20 x Strand Quartet Fresnels

8 x Strand Quartet PCs

12 x Parcan 64s (CP62 lamps as standard, CP61 and CP60 available on request)

4 x Strand Cantata PCs fitted with colour scrollers

2 x Robert Juliet Cricket Follow Spots

The Cramphorn Theatre operates a [standard LX rig](#). This is a multipurpose LX rig designed to provide front wash light, 3 colour wash using parcans and backlight and a number of specials. Your individual lighting requirements can be arranged for you in advance or on the day of your arrival on provision of a detailed lighting plan for the Cramphorn Theatre. Please contact the [Technical Manager](#) if required.

### **FX**

1 x Martin Magnum Pro 2000 fog machine

1 x Look Solution Unique 2 hazer

## Sound

### Position

The standard operating position for all performances is in the control room at the rear of the seating bank. The control room has sliding and removable windows. For cabaret style or tiered seating shows a sound desk can also be set up at floor level. This must be agreed with the technical manager before the show goes on sale as it requires the removal of seats from sale.

### Control

In control room:

Yamaha QL1 digital sound desk with iPad remote

A Soundcraft Spirit LX7 16:4:2 analogue sound desk is available on request

### Speakers

FOH LEFT AND RIGHT	4 x EM Acoustic EMS-81 (250w)
SUB	1 x EM Acoustic EMS-115 (500w)
FRONT FILLS	2 x EM Acoustic I-2 (200w)
MONITORS	4 x KV2 EX10 (450w active)

### Amps

3 x Lab Gruppen IPD2400 (1200w at 4 ohms)

### Playback

In control room:

1 x Tascam CD/MD player, more available on request

QLAB 4 sound and video on a Mac mini or MacBook Pro on request. These output via a firewire soundcard or Dante Virtual soundcard.

### Microphones

4 x Sennheiser ew300 G3 belt pack radio mics

1 x Sennheiser ew300 G3 handheld radio mics

(additional charge may apply, please see [price list](#))

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

14 x Shure SM58

6 x Shure SM57

1 x Audio Technica ATR30

1 x AKG D 190E

5 x AKG PCC160 tap mics

6 x Sennheiser ME66 rifle mics

2 x AKG C451E with CK7 heads

6 x Clock Audio C600

4 x Sennheiser Evolution 604 drum mics

1 x AKG D112 bass drum mic

3 x AKG CHM99 Choir Mics

2 x Audio Technica AT2050

1 x AKG CK98

1 x Yoga DM-868

1 x NJP 'retro microphone'

10 x BSS AR-133 Active DI boxes

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

## **Pianos**

Both pianos are shared between theatres, should you wish to use a particular instrument please contact the [technical manager](#) well in advance of your visit. Tuning can be arranged at your cost. Other pianos are available and hire charges will be passed on at cost.

1 x Yamaha U3 Upright Piano (additional charge may apply, please see [price list](#))

1 x Knight Upright Piano

## **Audio Visual**

### **Projectors**

Barco DP2K-12C digital projector

This projector can be used for cinema or lecture style presentations but is incredibly noisy meaning the windows must be kept closed. It is not suitable for live performances.

### **Infrastructure**

Dolby digital 5.1 film cinema system

LANSAT Event Cinema Server

Panasonic Blu-Ray player (also used for DVD and static image)

VGA connections in control room or at stage level (located in a DSC floor trap)

HDMI, DVI, and component connections in control room via a Barco ACS-2048 switcher

VGA to HDMI adapter available on request

## **Communications**

### **Calls and Show Relay**

Cloud 8 zone venue mixer show relay controller

Yamaha P4050 power amp for show relay

Cloud FOH and ROH calls system including microphone

### **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 onstage

## **Accessible Performances**

### **Infra-Red System**

A Sennheiser infra-red system is installed in the theatre. It can be used for show relay enhanced listening and audio description when available. Headsets can be pre-booked at box office and technicians will be made aware when the system is to be used by customers.

### **Signing and Captioning**

The Cramphorn theatre does not have any permanent provision for the signing or captioning of performances but suitable arrangements can be made as required. Please contact the [technical manager](#) should your performance wish to use such facility.