

TECHNICAL DEPARTMENT

Corn Exchange
Market Place
Newbury
Berkshire
RG14 5BD

Admin: 01635 582 666
www.cornexchangenew.com
Box Office: 01635 522 733

Head of Technical & Operations

Guy Dickens

01635 582 666 ext.240
guyd@cornexchangenew.co.uk

Technical Manager
Sound Technician & Deputy Technical Manager
Technician
Technical Assistant

Vicky Allen
Nathan Smith
Zach Gribble
Sammy JD

vickya@cornexchangenew.co.uk
nathaniels@cornexchangenew.co.uk

STAGE

Description

End on stage, with hard proscenium (Dark Blue).

Maximum performance area is 10m wide x 8.2m deep.

There is a forestage (normally in position), 10m wide by 1m deep, made up from 5 steeldeck units

Stage surface is flat , no rake.

Four sets of black soft masking legs on both sides of stage which can be moved to suit event.

Stage constructed from steeldeck units with oil tempered hardboard on top, painted Black.

Crossover (at audit. floor height) immediately upstage of the stage

There are steps from both sides of the forestage into the auditorium, which can be removed.

Height of the stage is 1m from the auditorium floor

There is no orchestra pit, but there is some space for musicians on the flat floor area between the forestage edge and the front rows of seating.

Screws, nails, staples and other fixings are not allowed.

Access from dressing rooms on first floor via treads USL and USR. N.B: there is no wheel chair ramp to the stage height, but it is possible to use the load in ramp (approx 1 in 5 gradient) to access USR with assistance.

N.B: Please discuss your staging requirements with the Head of Technical in advance of your visit (esp. relationship of forestage and front rows of audience seating).

Dimensions

Whole Stage Area (wall to wall)

15.2m wide x 8.2m deep (inc. forestage)

Typical performance space

9.5m wide x 8m deep (inc. forestage)

Proscenium opening

10m wide x 5.5m high (+/- 500mm)

Maximum hemp bar flying height

10m (from stage floor)

NB: Hemp Bars are only 7.2m wide, and not useful for flying full width cloths

Maximum electric winch bar flying height

6m (from stage floor)

Wing widths

S.R. 2.8m, S.L. 2.8m

Forestage size

10m wide x 1m deep

FLYING SYSTEM

6	Lx Bars (over stage), max. payload 150kg	Length 12m, max flying height 6m
1	Lx Advance truss, max. payload 300kg	Length 12m, max flying height 7m
3	Border Bars with single wipe tracks, max payload 70kg	Length 12m, max. flying height 6m
1	Rear Cyc Truss with 2x single wipe tracks, max payload 100kg	Length 12m, max. flying height 6m
10	Hemp sets, max. payload 60kg	Length 7.2m, max flying height 10m

[NB: some of the hemp sets are in the process of being de-commissioned]

TRACKS & CLOTHS

1	Blue House Tabs on single triple E track, (hand drawn from stage right)	
1	Black Traveller, (single cloth, wool serge, flat, normally on rear truss)	10m wide x 6m drop
1	Black Fibre optic star traveller, (wool serge – rigged on Rear Cyc Truss)	10m wide x 6m drop
1	Black Gauze (for use on wipe tracks)	12m wide x 6m drop
1	White cyclorama (filled cloth - normally rigged on Rear Cyc Truss)	12m wide x 6m drop
3	Black borders - standard set (wool serge)	12m wide x 1.2m drop
3	Black borders - medium drop (wool serge)	12m wide x 1.8m drop
1	Black border - deep (wool serge)	12m wide x 3m drop
5	Pairs Black Legs (wool serge)	2m wide x 7m drop

STAGING / FLOORS / FURNITURE

4	Rolls of Harlequin Black/Grey Reversible dance floor	10m long x 2m wide
24	Black Orchestra Chairs	
40	Orchestral music stands (15 clip on music stand lights)	
10	Metrodeck rostra – 2m wide x 4' deep (painted black)	44 x 12" and 32 x 18" legs available
1	Lecturn (shiny truss type)	

PIANOS

- 1 Steinway 'D' Concert Grand Piano (at least 4 weeks notice required if a tuning is needed).
- 1 Upright Piano

NB: piano tunings recharged at cost

COMMUNICATIONS

- 3 GreenGo Wireless beltpacks
 - 4 Techpro single channel headset
- Paging and show relay system to FOH and backstage/dressing rooms
Induction loop system (RF) within the auditorium.

Stage Manager's desk (D.S.R or control room only) with 10 station cue lights system & backstage calls.

GET-IN ACCESS & PARKING

Get-in via large double doors (3.05m wide by 2.95m high) at street level at rear of building, travel 8m on level floor (through scene dock), up ramp straight on to rear of stage at 1m height USC.

Limited storage space in scene dock

Once loaded in, small vehicles may be able to remain in the car park. If not, there is a public car park opposite the rear of the building.

Can accommodate 7.5 ton box van under normal circumstances, please check with technical office if a 45' trailer is coming in (power hook up can be arranged with prior notice).

All equipment must be removed from the theatre immediately after the last performance as part of the get-out.

LIGHTING

Lighting Control

- 1 ETC Ion control desk 4K with 1 x 10 & 2 x 20 fader wings; 2 x screens - DMX distribution via sACN to two, configurable nodes. iPad remote control surface.
- 1 W-DMX Wireless DMX Transceiver (compatible with Smartbats)

Dimmers

- 140 ETC Sensor Dimmers comprising: 130 x 3kw & 10 x 5kw
- 12 Strand LD90 5kw Dimmers

Power

200 amp, 3 Phase supply (to house dimmers only - not accessible)
 100 amp t.p.n. independent supply, U.S.R on back wall:
 Distribution to: 63A t.p.n; 32A t.p.n; & 3 x 32A s.p.n. ceeform outlets

LANTERN STOCK

Profiles

- 22 E.T.C. Source 4, 575w bodies with the following lens tube options:
 2 x 10°
 14x 19° (5 of which normally rigged on FoH bridge)
 6 x 26° (2 normally used in Eclipses - see below)
 2 x 36°
 2 x 50°
 2 x 70°
- 4 E.T.C. Source 4, Wide Zoom (25 - 50°) 575w.
- 14 E.T.C. Source 4, Junior Zoom (25 - 50°) 575w.
- 6 Robert Juliat 611, Zoom profile (11 - 26°) 1kw (5 of which normally rigged on F.O.H Bridge)
- 4 Robert Juliat 614, Zoom profile (16 - 35°) 1kw.
- 6 Teatro Comma narrow zoom (16 - 28°) 650w
- 6 Teatro Comma wide zoom (22 - 35°) 650w

Fresnels & PC (All with barndoors, unless stated)

- 6 Teatro Acuto Fresnel, 2kw (only 3 with barndoors)
- 20 Teatro Tratto 2 Fresnel, 1.2kw
- 6 Strand Cantata Fresnel, 1.2kw
- 6 Strand Cantata PC, 1.2kw
- 5 Strand Patt 743 1kw
- 8 Teatro Comma Fresnel, 650w

PAR

- 22 Thomas Par 64 (can usually guarantee all with CP 62s; and 12 of CP 61; 6 of CP 60)
- 18 Source 4 Pars (with full range of lens sets available)

Cyc lights

- 5 Selecon Phillips PLCYC1 LED cyc units
- 6 Thomas single cell cyc unit 1250w

LED & Movers

- 6 Prolights Diamond 19 wash lights
- 10 ETC Coloursource Par - Deep Blue
- 8 ETC Coloursource Par - standard, with oval beam lens (used as pipe ends)
- 2 Prolights Eclipse FC profile - normally with 26 degree lens tube
- 6 Prolights Ruby FCX
- 6 Prolights Smartbats uplighters (chrome)

Accessories

- 3 Irises for Source Four profiles
- various gobo holders for profiles (mainly all B size)
- 8 2m high Dance Booms (with 3 x Key Clamp boom arms on each)
- 15 Music stand lights (clip on) + 1 double-width light for conductor
- 1 50cm Mirrorball and 1 rpm rotator

Cable

- Limited selection of TRS, 15amp & 16amp Ceeform cable
- 2 Lectriflex 10m multicores with plug and socket breakout spiders.
 Selection of 13A cables, 4-ways and adapters

Houselights

- 20 Chauvet Ovation H605 FC

SOUND

Sound mixing position is off centre, against the side wall of the auditorium (rear of stalls seating).

By prior arrangement, the centre of the rear two rows of stalls seating can be held as a sound control position (this takes out 14 seats), at least 4 weeks notice is needed for this.

Control

- 1 Yamaha QL5 Digital Mixer (64 x mono + 8 x stereo; 16 Mix buses, 8 Matrix buses)
- permanently set up in control position at rear and to the side of the stalls seating.
NB: this controls all routing and management of the speaker system
- 1 Allen and Heath ZED60-10FX
- 2 Soundcraft Notepad 5
- 1 Allen and Heath MixWizad WZ3 16:2

Playback & Audio interfaces

- 1 Mac mini (2018) loaded with Qlab Pro Audio v.4 (licensed)
- 1 Behringer Utopia UMC 1820 - 8in/8out + midi
- 1 Motu M2 - 2in/2out + midi

Amplifiers

- 3 L - Acoustics LA4 amplifiers
- 1 Crest 1500x amplifier (runs surround)
- 1 Crest CC301 amplifier (runs front fills)
- 2 L - Acoustics LA24 amplifiers (run Logic wedges)
- 1 Lab Gruppen fp 6400 amplifier (run subs)
- 1 d & b D12 (runs Max 15's)

Speakers

- 3 L - Acoustics 112XT (Flown L,C,R in front of proscenium)
- 2 L - Acoustics Mtd 108 (Delays into balcony)
- 2 Logic Systems CS1000SB, 2 x 18" Subs
- 3 EM Acoustics EMS W10 wedge monitor
- 2 D & B Max 15 wedge monitor
- 3 Logic System CM15 Wedge Monitors (12" Dual Concentric)
- 2 Bose S1 Pro (battery powered)
- 2 DAS DS-12

Microphones

- 9 Shure SM58 Microphones
- 1 Shure Beta 87
- 1 Shure Beta 58
- 6 Shure SM 57
- 2 Sennheiser MD421
- 2 Audio Technica AT4033
- 3 Audio Technica pro 45
- 2 Rode NT5
- 5 AKG SE300B (power supplies)
- 3 AKG CK 91 - Cardioid (with VR 92 extension tube)
- 1 AKG CK 92 - Omni
- 1 Audix D6
- 1 AKG D112
- 1 Crown PCC 160
- 1 Sennheiser 4 piece Drum kit pack (3 x e604, 1 x 602)
- 2 Sennheiser e845
- 4 Rode NTG-2
- 2 AKG C747
- 1 Roland CS-15

Mic Stands

- 13 Boom stands (11 black, 2 silver)
- 5 Short Boom stands

D.I's

- 3 Studiospares Active DI Box
- 6 Studiospares Passive 2 channel DI box
- 2 Studiospares Dual DI box

STAFFING

Under the terms of our standard contract we provide two technicians for up to 8 hours (working between 9:00 and 23:00, Monday - Saturday) for the get-in/show/get-out. During the show, one of these must act as Duty Stage technician, and the other as Duty Technician front of house (they can operate sound, lighting or follow-spot as required). All hours above this allocation (i.e. Sunday work, crew in excess of two, start before 9:00, get-out after 23:00, etc.) will be recharged. Please contact the technical office for current rates.

ADDITIONAL EQUIPMENT AVAILABLE AT A RE-CHARGE

Please contact technical office for current rates

Audio Visual Equipment

- 1 Fastfold Screen - 10' x 7' with front and rear projection surfaces
- 1 Roller Cinema screen - Perlux (permanently installed in grid) (NB - slow & noisy operation)
- 1 Sanyo PLC XT25 Projector (4500 lumens, standard & 0.8 lenses)

Effects

- 1 Chauvet Professional Amhaze ECO - haze machine
- 1 Le Maitre Neutron Star Haze machine
- 1 Jem ZR 25, dmx smoke machine
- 3 Chauvet DJ Geyser P7 - vertical smoke machine
- 2 Chauvet DJ Cumulus - low smoke machines (require distilled water)

Lighting equipment

- 2 Robe Robin 300 spot (discharge)
- 1 Pani 1202 HMI Follow Spot

Radio Mics

- 10 Sennheiser G3 radio mic bodypack transmitters and receivers
- 6 Sennheiser G2 radio mic bodypack transmitters and receivers
- 2 Sennheiser G3 radio mic hand-held transmitters
- 2 G3 antenna distributor
- 1 G2 antenna distributor
- 2 Sennheiser directional antenna
- 2 Sennheiser omnidirectional antenna
- Mixture of headset and lapel mics available

Electronic Drum Kit

- 1 Roland T0-17KVX