

# Newbury Corn Exchange ~ Technical Specification

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## STAGE

- End on stage, with hard proscenium (Dark Blue). Stage constructed from steeldeck units measuring 2m x 1m. There is a crossover (at audit. floor height) immediately upstage of the steeldeck stage. There are steps from the forestage (moveable) into the auditorium.
- There is an optional forestage (normally in position), which measures 10m wide by 1m deep, made up from 5 steeldeck units.
- Stage surface is black, no rake.
- Height of the stage is 1m from the auditorium floor.
- Sound mixing position is in the centre of the rear two rows of stalls seating (14 seats).
- N.B. Screws, nails, staples and other fixings are not allowed.
- Please discuss your staging requirements with the Technical Manager in advance of your visit (esp. relationship of forestage and front rows of audience seating).

• Whole Stage Area (wall to wall)	- 15.2m wide x 8.2m deep (inc. forestage)
• Typical performance space	- 9.5m wide x 8.2m deep (inc. forestage)
• Proscenium opening	- 9.5m wide x 5.5m high
• Maximum hemp bar flying height	- 10m (from stage floor)
• Max 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 x Lx Bars (over stage) S.W.L. 300kg (max. payload 200kg)	- Length 12m, max flying height 6m
1 x Lx Advance truss S.W.L. 500kg (max. payload 300kg)	- Length 12m, max flying height 7m
3 x Border Bars with wipe tracks S.W.L. 300kg	- Length 12m, max. flying height 6m
1 x Rear Truss with 2 wipe tracks, S.W.L.500kg	- Length 12m, max. flying height 6m
10 x Hemp sets, S.W.L. 150kg (max. payload 100kg)	- Length 7.2m, max flying height 10m

### Tracks and cloths

3 x T70 Hall Stage Wipe tracks (hand drawn) (rigged on 3 x border bars)	
1 x Blue House Tabs on overlap track, hand drawn from stage right.	
1 x Black Traveller, (wool serge, flat, 6m Drop - for use on wipe track, normally on rear truss)	
1 x Black Fibre optic star traveller, (wool serge, 6m Drop - for use on upstage rear truss wipe track)	
1 x Black Gauze (6m Drop - for use on wipe tracks)	
1 x White cyclorama (filled cloth) in fair condition	11m wide x 6m drop (normally on rear truss)
3 x Black borders (wool serge)	12m x 1.8m
3 x Black borders (wool serge)	12m x 1.2m
1 x Black border (wool serge)	12m x 3m
5 x Pairs Black Legs (wool serge)	2 m x 7 m

### Other

4 x Rolls of Harlequin Black/Grey Reversible dance floor 10m long x 2m wide	
5 x Rolls of Harlequin Grey Studio dance floor 10m long x 1.5m wide	
50 x Orchestral music stands (16 clip on music stand lights)	
1 x Conductors chair, music stand, and podium (1 clip music stand light)	
10 x Metrodeck rostra - 2m wide x 4' deep (various leg heights upto 1m)	
1 x Steinway 'D' Concert Grand Piano	
1 x Upright Piano	

Get in via rear of building through scene dock directly onto rear of stage.  
Dock doors 3.2m wide x 2.8m high (Long aluminium ramp upto 1m stage)

Moveable stage manager's desk (usually S.R) with 10 station cue lights system & backstage calls.

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## LIGHTING

### Lighting Control

Strand 520 - Genius Pro operating system, 300 channels with tracker software for motion control  
- DMX 512 Protocol  
- Riggers control

### Dimmers

144 x ETC Sensor Dimmers comprising: 132 x 3kw  
12 x 5kw (4 used for House Lights)

### Power

200 amp, 3 Phase supply

100 amp t.p.n. independent supply, U.S.R on back wall (Distribution to: 63A t.p.n. Ceeform, & 32A s.p.n.Ceeform)

## LANTERN STOCK

### Profiles

10 x E.T.C. Source 4 , 19° 575 w (permanently rigged on F.O.H Bridge)  
4 x E.T.C. Source 4 , 26° 575 w (permanently rigged on F.O.H Booms)  
2 x E.T.C. Source 4 , 50° 575 w (36° tubes available)  
4 x E.T.C. Source 4 , Wide Zoom (25 - 50°) 575w.  
8 x Teatro Tratto narrow zoom (15 - 28°) 1.2kw  
22 x Teatro Tratto wide zoom (22 - 40°) 1.2kw  
9 x Teatro Comma narrow zoom (16 - 28°) 650w  
15 x Teatro Comma wide zoom (22 - 35°) 650w

### Fresnels (All with barndoors)

6 x Teatro Acuto, 2kw  
24 x Teatro Tratto 2 F, 1.2kw  
10 x Teatro Comma , 650w

### Other

28 x Thomas Par 64 (can usually guarantee 12 of CP 61 & 62's, and 6 of CP 60's)  
6 x Thomas Par 64 with CP 62 (fitted with Chroma Q scrollers - as backlight on LX Bar 4)  
6 x Thomas Par 64 short nose chrome floorcans  
4 x Thomas 4 cell linear cyc unit 1250w  
8 x Thomas single cell cyc unit 1250w  
2 x Pani 1202 HMI Follow Spot

### Accessories

3 x Irises for 1kw profiles  
2 x Irises for Source Four profiles  
12 x Gobo holders for 1.2kw profiles (B SIZE)  
6 x Gobo holders for Source Four profiles (B SIZE)  
4 x Gobo holders for 650 w profiles (M SIZE)  
8 x Teatro tripod base stands (1.2m up to 1.8m)  
8 x 2m high Dance Booms (with 3 x Key Clamp boom arms on each)  
16 x Music stand lights (clip on)

### Cable

Limited selection of TRS 15 amp cable

20 x "Snapper" 15 amp adapters  
2 x Lectriflex 10m multicores with plug and socket breakout spiders.

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## SOUND

### Mixing

40:8:3 Midas Verona 40 channel L,C,R, desk  
16:3 Allen & Heath Mix Wizard WZ<sup>3</sup> (6 x aux output, onboard FX)  
14:2 Folio F1

### Playback

2 x Denon / Tascam CD player  
3 x Sony / Tascam Mindisc recorder/player

### Outboard/Effects

1 x SPX 1000 stereo digital effects processor  
1 x Lexicon MPX 100 dual channel effects processor  
2 x Yamaha Q2031A graphic equaliser, dual 32 band  
2 x Klark Technic DN360 graphic equaliser, dual 32 band  
1 x Behringer Multigate Pro (4 channels of expander/gate)  
1 x Behringer Multicom Pro (4 channels of compressor/limiter)

### Amplifiers

4 x L - Acoustics LA24 amplifiers  
3 x Crest Audio CC301 power amplifiers - 350 watts/channel into 8 ohms (run Logic wedges)  
2 x Crown CE 2000 amplifiers - 1800w/channel into 4 ohms (run Subs)

### Speakers

3 x L - Acoustics 112XT (Flown L,C,R in front of proscenium)  
2 x L - Acoustics Mtd 108 (Delays into balcony)  
2 x Logic Systems CS1000SB, 2 x 18" Subs  
4 x Logic System CM15 Wedge Monitors (12" Dual Concentric)

### Microphones

6 x Shure SM58 Microphones  
1 x Shure Beta 87  
4 x Shure SM 57  
2 x Sennheiser MD421  
2 x Audio Technica AT4033  
6 x AKG SE300B (power supplies)  
3 x AKG CK 91 - Cardioid (with VR 92 extension tubes)  
1 x AKG CK 92 - Omni  
2 x AKG CK98 - Shotgun/Hyper Cardioid  
3 x AKG D3500  
1 x AKG D112  
1 x AKG 3900  
1 x Crown PCC 160  
1 x Sennheiser 4 piece Drum kit pack

### Mic Stands

1 x Upright clutch stand  
15 x Mic boom stands  
5 x Short boom stands

### D.I.'s

2 x EMO passive DI boxes  
1 x BSS active DI box  
4 x MTR passive DI box

### Communications

8 x Techpro single channel headset intercom stations  
6 x Icom walkie talkies used during event operations  
Paging and show relay system to FOH and backstage  
Induction loop system within the auditorium.

### AUDIO VISUAL EQUIPMENT

35mm Victoria 5, film projection system. Wide screen /scope /academy ratio's.  
Roller Cinema screen - Perlux (permanently installed in grid).  
1 x 35mm Kodak Ektapro slide projector - with Infra Red remote control  
1 x Hitachi CP-S225 LCD Projector (1400 lumens)

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Details correct as of 31/01/2006

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