

MAIN HOUSE TECHNICAL SPECIFICATIONS



10 Castle Way, Wellingborough, Northamptonshire, NN8 1XA.

Deputy Manager Technical and Building
 Technical and Operations Officer
 Technical and Operations Officer
 Technical and Operations Officer (Part-time)

Heath Garrioch
 Jason Gallagher
 Charlie Jeffries
 Ashleigh Hammond

heath@castletheatre.co.uk
jason@castletheatre.co.uk
charlie@castletheatre.co.uk
ashleigh@castletheatre.co.uk

Telephone
 Further information

01933 510157
www.castletheatre.co.uk

Any equipment or crew required over and above what Castle Theatre Wellingborough can provide will be recharged.

Seating

Total	501
Stalls	332 (300 removable + 8 wheelchair positions)
Balcony	169 (+ 2 wheelchair positions)

Orchestra Pit Format

Total	439
Stalls	270
Balcony	169

<u>Flat Floor Format</u>	500 Standing + 171 Seats 671 Total
<u>Proscenium</u>	Maximum width 11.88m Minimum width 9.72m Maximum height 6.45m Minimum height 5.49m
<u>Stage</u>	Maximum depth (to back wall) 10m Maximum depth (with thrust stage) 13m Maximum width (includes wings) 20m
<u>Stage Height</u>	Stage to Grid 15m To Fly Floor 7.6m
<u>Stage Surface</u>	Country maple. No rake. <u>DO NOT SCREW INTO STAGE</u> Harlequin dance floor available (reversible - black/grey)
<u>Orchestra Pit</u>	Area 36m sq. (12m x 3m)
<u>Get In</u>	Flat access from car park at ground level. Curved wall with clear opening 1.45m wide x 3.6m high
<u>Dressing rooms</u>	2 at stage level with own shower and toilets 5 on lower ground level with shared facilities, 1 Green room Wardrobe with washing machine and tumble drier
<u>Film</u>	NEC NC2000C Digital and 35mm projectors located in projection room at rear of balcony Cinema screen flown with integral speaker system (doubles as LX1)
<u>S.M.</u>	Prompt desk DSL with cue lights, ring intercom, paging and CCTV
<u>House Tabs</u>	Operated DSL next to prompt desk
<u>Machinery</u>	All single purchase counterweight. <u>SWL 600 Kgs SPREAD EVENLY ACROSS BAR</u> Cinema screen House tabs (flown or bi parting from DSL at floor level) 30 counterweight bars across stage (17m) 2 counterweight bars up and down stage (8m) 3 IWB's (LX1 16 x 2.5kw, LX2 14 x 2.5kw + LX3 4 x 5kw + 2 x 2.5kw) 6 hemp sets (1 x 14m, 5 x 15m) 2 tab tracks (<u>Permanent on Bars 10 + 18. Do not rig on these bars</u>)

All running dimensions from front of stage line (mm)

Layout

	Safety Curtain	500
HS1	Hemp set 1	600
CW1	House curtains (Permanent position)	800
CW2	Standard scenery bar	1160
CW3	Standard scenery bar	1360
CW4	Twin counterweight (Projection screen + LX1)	1885
CW5	Standard scenery bar	2410
CW6	Standard scenery bar	2610
HS2	Hemp set 2	2800
CW7	Standard scenery bar	3010
HS3	Hemp set 3	3200
CW8	Standard scenery bar	3410
CW9	Standard scenery bar	3610
CW10	Standard scenery bar <u>(Permanent tab track)</u>	4010
CW11	Standard scenery bar	4210
CW12	Standard scenery bar	4410
CW13	Standard scenery bar	4610
CW14	Standard scenery bar	4810
U/D1	Stage right up and down bar	
CW15	LX2	5210
HS4	Hemp Set 4	5800
U/D2	Stage left up and down bar	
CW16	Standard scenery bar	6010
CW17	Standard scenery bar	6210
CW18	Standard scenery bar <u>(Permanent tab track)</u>	6410
CW19	Standard scenery bar	6610
CW20	Standard scenery bar	6810
CW21	Standard scenery bar	7010
HS5	Hemp set 5	7300
CW22	LX3 (5 x Iris 4's)	7720
CW23	Standard scenery bar	8120
CW24	Standard scenery bar	8310
CW25	Standard scenery bar	8510
HS6	Hemp set 6	8700
CW26	Standard scenery bar	8920
CW27	Standard scenery bar	9120
CW28	Standard scenery bar	9320
CW29	Standard scenery bar (Full Blacks)	9520
CW30	Standard scenery bar (Cyc)	9720

Masking (all soft)

6 x sets of legs
6 x borders
1 x set of full blacks (2 x ½ blacks)
2 x sets of ½ blacks hung on SL/SR up and down bars)
1 x cyclorama
No hard masking available

Power

2 x 125A 3ph Ceeform (Limited to 100A Fuses)
(Situated in Workshop 20m from SL)

2 x 63A 3ph Ceeform USL
1 x 32A 3ph Ceeform USL
Adaptor – 1 x 63A 3ph → 63A 1ph
Adaptor – 1 x 32A 3ph → 32A 1ph

13A sockets U/S and D/S

Please bring all necessary distribution & extension cables

PA/Sound

Open fronted Control Room - Rear of stalls (glass can be removed)
Visiting PA company mixing position available in stalls, but **MUST** be booked prior to show going on sale.

Castle mixer can only be operated from control room.

House mixer	1 x Behringer X32
FOH Rack	1 x Numark MP102 CD player
FOH Speakers	Central Cluster 3 x Community horns JBL drivers 1 x LF212 E&M drivers L&R 2 x Community CSX series Stalls 2 x RCF 735A 15" + 3" Mid/High 4 x RCF 8003AS II 18" Subwoofers
Monitors	4 x full range wedges
Mic Lines	36 x mic inputs (18 DSL + 18 DSR) 8 x tie lines at stage level (4 SR, 4 SL) 8 x Loudspeaker outputs (6 SR, 2 SL)
Microphones	Various microphones, DI boxes, stands and cables available shared between Main House and Studio Theatre

Lighting

ETC Ion Xe 20 2048 channels
Eos Standard Fader Wing 20
Dimmers LD90 112 x 2.5kW
 8 x 5kW
 18 x non-dimming independents (16A)

Circuit distribution

FOH (3 Bridges) 40 x 2.5kW
Auditorium Perches 16 x 2.5kW (ch53-56 looped)
Stage Over Head 32 x 2.5kW
Fly Floor SL + SR @ 7m 24 x 2.5kW
USL wall 4 x 5kW
LX3 4 x 5kW

11 x DMX512 XTBA Distribution Output Modules situated throughout the theatre
3 x Fly floor level Stage Left @ 7.5m
4 x FOH Bridge 1
4 x FOH Bridge 2
Dimmer control – Universe 1. DMX control – Universe 2 + 3
Limited stock of 5-pin Data Cable and converters

House Lights

Independent of Lighting console. Lightholier programmable system.

Lantern Stock

22 x 2.5kW Alto 14/32 Profiles (Permanently rigged FOH)
24 x 1.2kW Cantata PC's + barn doors
8 x 1.2kW Cantata Fresnels + barn doors
34 x 1.2kW Cantata 11/26 Profiles
12 x 750w 25/50 CE Source Four Zoom
5 x Iris 4 Cyc Battens (Rigged on LX3)
24 x Par 64's Mixture of long/short nose (Limited CP62/61/60 lamps available)
6 x Mac 250
6 x side lighting booms
Various other lanterns including – birdies, 650w Fresnels
+ Profiles, depending on availability from Studio Theatre

Limited supply of 15amp TRS
Limited supply of Socapex and tails
Limited supply of LEE colour filter

Followspots

2 x 1.2kW (MSR) Robert Juliat 'Marius' with colour changers

Staging

8 x (8'x4') + 18 x (8'x3') Steeldeck in stock
Various length legs in stock

Special Effects

Equipment list available on request

Pianos

Bluthner Baby Grand
Clavinova

Please check with Technical Department for availability. Pianos must be tuned using our nominated piano tuner