



**TECHNICAL
SPECIFICATION
FOR
WYLLYOTTS
THEATRE**

Wyllotts Theatre, Wyllotts Place, Darkes Lane,
Potters Bar, Hertfordshire. EN6 2HN

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TECHNICAL SPECIFICATION

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Logistics: Entrance to the auditorium from street level.

Stage Door dimensions:	Height:	2.55m	8'5"
	Width:	1.18m	3'10"

Please note that there is minimal parking space at the stage door and loading bay. The Stage door is also an emergency exit and vehicles cannot be parked in this area during performances. There is a car park adjacent to the Theatre.

Stage Measurements:

Upstage width:	14.70m	48'2"
Downstage (with proscenium arch):	9.80m	32'0"
Depth:	6.35m	20'10"
Stage Thrust (when installed):	1.22m	4'0"
Proscenium arch height:	4.00m	13'0"

Scenery:

Should conform to Licensing Regulations.
(See conditions of hire: Schedule D: 8, 9.)

Special Effects:

For the use of pyrotechnics, smoke, dry ice, firearms or a strobe or any other special effects, the theatre requires at least 14 days notice for permission to be granted.
(See Conditions of Hire: Schedule D: 10.)

Flying System:

11 Hemp lines operated SR, SWL 90Kg (H10 is on triple purchase, SWL 125Kg)

4 x 500kg Pilewind motors for lighting bars (3 overhead, 1 FOH)

See flying plot.

House Tabs:

Are motorised and have a variable running speed with a maximum of 9 seconds. They can be operated from prompt corner, sound control area or lighting control box. The variable speed can only be operated from prompt corner.

Dressing Rooms (Three rooms):

No.1 Up to Twelve people, 3 hand basins and 7 lit mirrors.

No.2 Up to eight people, with shower, hand basin and 4 lit mirrors

No.3 Up to seven people, with shower, hand basin and 4 lit mirrors,

All dressing rooms have 6' costume rails

Additional dressing room accommodation is available by prior arrangement with the Theatre management.

Communications

Tecpro Intercom System installed with the following positions:

Prompt corner

Stage right

Lighting/projection control room

Sound control area

Stage left followspot position

Stage right followspot position

5 x SMH210 Headset

2 x DT109 Headset

5 x DT108 Headset

9 x BP111 Beltpack

3 x ASL Beltpack

Lighting Equipment:

Power: Three phase 200amp.

Dimming: Strand WallRack Digital Dimmers: 96 x 10A circuits.
LSC E-Pro Digital Dimmers in portable rack: 24 x 10A circuits
4 x Soccapex out (Wyllyotts hold 4 x fan out)

Control: ETC ION complete with riggers remote.

Distribution: 96 Circuits.

- 1 – 6: F.O.H. Perch SL
- 7 – 14: F.O.H 2 (7 -12 paired outer to inner)
- 15 – 20: F.O.H. Perch SR
- 21 – 38: F.O.H. 1 (37 + 38 paired at outer)
- 39 – 40: Front of stage Dip circuits
- 41 – 56: LX1 (+ 2 x 16A hard power)
- 57 – 72: LX2 (+ 2 x 16A hard power)
- 73 – 88: LX3 (+ 2 x 16A hard power)
- 89 – 96: Stage dip circuits paired SL and SR

Luminaries: 6 Selecon 24/40 profile spots 1200w
9 Selecon 18/34 profile spots 1200w
7 Strand SL 15/32 profile spots 575w
6 Strand SL 23/50 profile spots 575w
2 Source 4 Jnr 50 profile spots 575w

- 5 Selecon pebble convex 1200w
- 4 Selecon Fresnels 1200w
- 5 Starlette Fresnels 1000w
- 8 Patten 743 Fresnels 1000w

- 20 Par 64 1K (assorted lamps available)
- 12 Cupo (S4 Par copies) 575w
- 4 Par 64 Floorcans

- 6 Coda 4x 500w
- 15 Coda 1x 500w

- 12 Chauvet R2 LED wash lights

Follow Spots: 2 x Robert Juliatt Manon (1200w MSD) on RJ leg stands)

DMX Outlets: Sound area, Prompt corner – with 5 way DMX splitter/buffer,
Dimmer room

Additional lighting equipment can be hired by arrangement with the Technical Manager.

Sound Equipment:

Distribution: Paired stage boxes SL/SR: 24 XLR send, 4 XLR return, 4 NL4 aux
DSC stage box: 8 XLR send, 4 XLR return, 4 NL4 aux
Full patching facilities.
Dante 32/16 Digital snake. Positioned DSR

Mixer: Yamaha Ls9-32 w/Dante
Situated stage right in the auditorium, to the rear of the raked seating.

Output: F.O.H.: Mid/Hi: L&R - 2 x JBL SRX 722
C - 2 x JBL SRX 712
Lo: C - 1 x JBL SRX 728s (dual 18")
Delay: 8 x JBL Control 28 (2x row of 4 @ 20'
and 40' from proscenium)

Foldback: 4 x JBL G2 Eon (active)
2 x Yamaha Club Series wedges (passive)

Amplifiers: F.O.H.: 4 x QSC PLX2502
1 x QSC CX4
Crossover: DBX Driverack PA
Foldback: 2 x QSC RMX 750

Processing:
Built-in to the Yamaha Ls9

Microphones:
3 x Shure SM58
3 x Shure SM57
2 x AKG D 321
1 x AKG C 568 EB
2 x Shure SMbeta87
1 x Sennheiser MD 421
2 x AKG SE300 with CK91 head
3 x Sure SMbeta98 (drum mics)
1 x AKG D112 (kick drum mic)

Direct: 1 x EMO single DI
Injection 2 x Stageline Stereo DI
Boxes 2 x BSS single DI

Playback: 1 x Tascam MD-CD 1
1 x Tascam MD301-MKII
1 x American Audio USB Player

Digital Cinema / Alternative content:

Formats:

- Dolby Show Server, DCP.
- Xpand 3D emitters
- Live Satellite Streaming
- Blu-ray LG player

Screen: Perlux 180, electrically flown roller screen. See flying plot for location.

Projection: Barco CP2K-15c
Christie LX700 (7000 ansi lumen)

Sound: Dolby CP650 processor with:

- 7.1 surround from Dolby Show Server
- 5.1 surround from Tascam DVD player
- Stereo from all other sound sources

Please contact the Theatre for further details on cinema usage.

Power:

Single phase, 100amp, Busbar Chamber situated upstage left fitted CEEFORM 30mA RCD (sound phase)
3 phase, 125amp CEEFORM socket upstage left
8 x 13amp sockets, fitted 30mA RCD, prompt corner (LX phase)
4 x 13amp sockets, fitted 30mA RCD, upstage left wall (sound phase)
4 x 13amp sockets, fitted 30mA RCD, upstage right wall (sound phase)
1 x 16amp sockets, stage right (LX phase)
2 x 13amp sockets, stage right (LX phase)
2 x 13amp sockets, fitted RCD stage front at floor level
2 x 16amp sockets per stage LX bar

Rostra:

6 x 8' x 4' Steeldeck sections
2 x 4'6" x 4' Steeldeck sections
2 x 3' Steeldeck treads to suit 48" legs
24" legs for all of the above
48" legs for all of the above
12" legs for all of the above

Note: Stage thrust extension comprises all Steeldeck sections on 48" legs.

Masking:

3 x Pairs black serge tabs (2 pair consistently flown as black back cloth and mid-stage tabs)
3 x Black twill borders 5' (1 pleated)
4 x 6' x 18' twill soft legs
2 x Black twill borders 3' (stored)

Stage Management:

25 x Stage weights
12 x Stage Braces (assorted lengths)
16 x Boom arms
04 x boom base

Additional Equipment Available to Hire:

Sound: 2 x Sennheiser Ew300 G1 handheld radio mic set (channel 70)
 4 x Sennheiser G2 lavalier radio mic set (channel 70)
 8 x Sennheiser Ew300 G3 lavalier radio mic sets (channel 41)
 3 x Sennheiser MKH 416

Lighting: 1 x Strobe
 2 x 18" Mirror ball
 2 x Telrad followspot sights
 1 x ASL BlinQ
 1 x RGB LED Star cloth 36' x 18'

Effects: 1 x Haze Base Pro (2ch DMX or stand alone)
 1 x Haze Base Battery hazer (hand held haze machine)
 1 x Jem ZR22 Smoke Machine (DMX & XLR Remote)
 2 x Martin Jem Magnum 1800 smoke machines
 4 x Pulse 1m RGB LED batons
 2 x Bubble Machines
 2 x UV Cannons

For a quotation on these additional hire items, please contact the Technical Manager.

Staffing

The Wylyotts Theatre provides 2 technical staff on site at all times whilst you are occupying the building. They are both there to advise you on the best or easiest way to achieve the result you require. They can train any of your technical staff, stage crew or stage management in the correct operation of the theatre systems and will be on hand throughout your time with us in case of any problems. They cannot, however, actually design your lighting, sound or staging as they have other work to complete for the theatre. Neither can they actually operate any equipment for you during a performance as they have other duties to perform at that time.

The Wylyotts Theatre can provide rigging / operating crew for you, if you require, but this will be at additional cost to your company. Details of current crew costs can be obtained from the Technical Manager. We endeavour to keep these as low as possible for you, but this requires detailed information and good organisation on your part.