

TECHNICAL SPECIFICATIONS

Watergate Theatre Kilkenny

Contact: watergategc@eircom.net

Technical Enquires: watergatetech@eircom.net

CRITICAL STAGE DIMENSIONS

FRONT OF HOUSE

Audience Accommodation	Very small ground floor up two flights of stairs leads to a crush bar. Both areas are very well appointed.
Disabled Access	Ramp up to main doors from Parliament St.
Box Office	Ground floor foyer
Ticketing System	Prompt Data
Cloak Room	No
Catering / Bar	Small bar on first floor, wine license only.
Display Boards	Two large on street
Merchandising	yes by prior arrangement
Foyer Lighting	Downlighters
Stage Lighting	No
PA System	Background music
Public Parking	Small public car park at side of theatre, but spaces are limited.
Auditorium Access	Double doors into stalls and up two flights and double doors onto rear of balcony.
Back Stage Access	No

AUDITORIUM

SEATING CAPACITY

	STALLS	BALCONY	GODS
Dimensions	15.25m wide x 14.5m deep	15.25m wide x 6.75m deep	
Seating Type	Flip-up	Flip-up	

Disabled Access

	Through main doors from foyer.
Floor Type	Carpet on aisles and vinyl in rows
Heating Type	Radiators and forced hot air
Air Handling	Extract only
Acoustic Performance	Good for spoken word.
Backstage Access	No direct route

AUDITORIUM SAFETY

EXIT	LOCATION
Double door	Stalls front right
Single door	Stalls rear right
Double door	Stalls rear centre
Single door	Balcony rear right
Large single door	Balcony rear left

EXTINGUISHERS	LOCATION
Water	Front stalls left
Water	Front stalls right
2 x Water	Balcony rear left and rear right

FORMAT OF THEATRE

FORMAT	STALLS	BALCONY	GODS
Proscenium	253	75	

STAGE DIMENSIONS

Proscenium Height High Point	5m
Proscenium Width	9.12m
Stage Depth	7.88m
Apron/Extension	0m Curved apron 6.83m wide x 970mm deep at centre.
Stage Width	18m
Height of Stage	1.03m
Grid Height	12.5m
Max. Setting Height	1.4m downstage 5m rest of stage 12m
Rake	No
Stage Floor Material	Tounged and grooved boards
Fixing to Stage Floor	Yes
Stage Left Wing Area	3.1m wide x 6.8m deep
Stage Right Wing Area	1.6m wide x 6.8m
Scene Dock Storage Area	None
Stage Crossover	Use stage
Blackout Facility	Excellent
Dock Door Openings	2.93m x 1.65m
Truck Access to Dock Door	Truck can get up to dock doors but will need to turn in Guinness Factory car park.
Travel Distance from Dock	0m direct onto stage
Orchestra Pit	6.3m x 1.8m x 2.1m pit extend a further 3m under stage.
Accommodation of Pit	15-20
Power Outlets	4 x twin gang

Fire Curtain

Roller shutter on fused link to fire alarm,

Stage Safety

SAFETY EXIT	LOCATION
Single door	USR
Single door	MSL

EXTINGUISHERS	LOCATION
2 x Co2	USR
Hose	MSL
Water fire blankets	USR all 4 corners

RIGGING / OVERSTAGE SUSPENSION

Flytower	Double height
Grid Height	12.5m
Maximum Setting	First 1.4m down stage @ 5.08m rest of stage 12.05m
Raise & Lower System	6lx winches @ 250 kg & 9 x hemp lines @ 125 kg
Length of Hauling Bar	13m
Spacing Between Sets	Approximately 300mm between 1 and 9, 500mm between 9 & 10, approximately 350mm between 10 > 15 and 1.1m between 15 & 16.
Maximum S.W.L. Per Set	250 for winch and 120kg per hemp
FOH Suspension	Gantry 4.85m from pros. wall
Maximum Trim Height	7.05m
Throw Distance From Stage	Approximately 9m

LIGHTING

Lighting Circuits

Location	Circ. No.	Connector Type	Capacity
FOH Bridge Foh booms	49-68 84-96	15A	2.5kw
Dips Back wall low level	69-72 73-84	15A	2.5kw
Onstage	1-48 97-120	15A	2.5kw

Dimmer Circuits

Dim. Cap.	Qty	Location	Make Mod.	Date Install
2.5kw 2.5kw	48 48	DSL DSL	zero 88 chilli zero 88 chilli	Jan - 08 Nov- 07
2.5kw	24	DSL	Strand LD90	Mid -97

Lighting Bars

Quantity	Length	Circuit	Connector	Location
6	13m	12	15A	On stage

Mains Patch	72 way 15A sockets on SL wall high level 4 15A dips on stage 6 15A sockets low level on wall either side upstage 20 15A sockets FOH 6 15A sockets on advance boom both sides of auditorium
Visiting Power Supply	63A 3Ph DSL
Control Desk	Strand520 and Strand VL64
Riggers Unit	Wired and strand wireless x connect
Control Protocol(s)	dmx dmx available on stage 3 pin xlr

No. Control Outlets & Location

	Location
#1	Control Room
#2	FOH Gantry

#3	DSR
#4	wireless float

Lantern Stock

Quantity	Lantern
15 6	Cantata F 1.2kw Selecon f 1.2kw
5 6	Cantata PC 1.2kw Selecon pc 1.2 kw
6	Teatro Spazio fresnels 1kw
6	Quartet Fresnels 650w
50	Par64
4	Floor Par64
12	Par 16 Birdies
12	Iris Floods 1.25kw
10 12	Cantata 18/32 1.2kw Source four 18/30 750w
6 12	Cantata 24/44 1.2kw source four 22/50 750w
4	Teatro Tratto 22/40 1200
2	Preludes 28/40 650w
3	Brio 25/50 600w
5	Brio 18/30 600w
1	Par36 ACL

Other Equipment

Quantity	Equipment
4 6	1.8m Floor Stands boom bases and pipes

Cables

Quantity	Length	Core CSA	Connector
----------	--------	----------	-----------

Limited stock 2 1	various 5m 10m	3core 2.5mm 6 way socaplex 6 way socaplex	15 a 15a 15a
-------------------------	----------------------	---	--------------------

HOUSE LIGHTING

Dimmer Type	Strand multidim
Controller	4-way fader
Dimmable Fitting Types	26 down lighters
On-Stage Workers Switch	5 x 250 w floods
On Stage Workers Switch	DSL
Auditorium Working Lights Type	As above
Auditorium Workers Switch	Control room with on/off override in auditorium
Blue Light On Stage	4 onstage

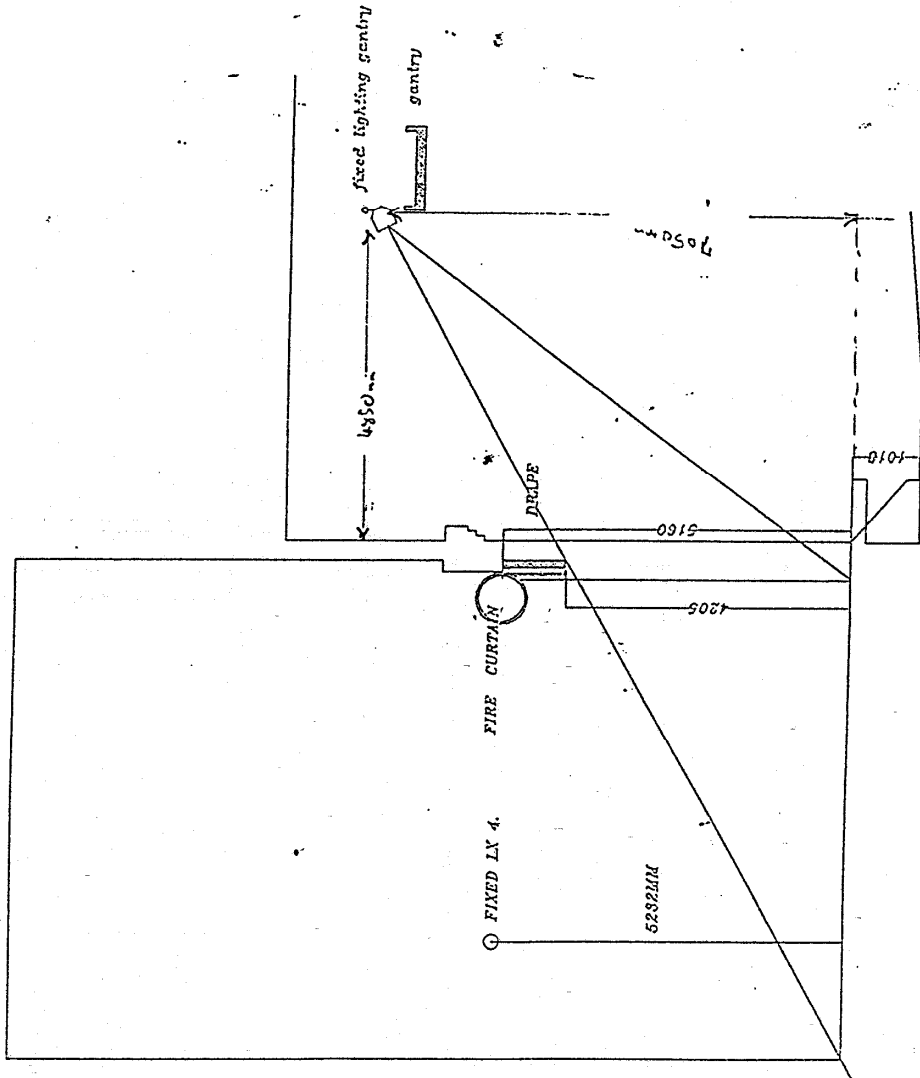
Control Points

Circuit	Location
Control Room	

CONTROL ROOM

Location in Auditorium	Rear balcony
Size	3.7m x 3.2m
Window Openings	1.6m x 750 deep
Show Lighting	Gelled downlighter

General Lighting	2 x 58w fluorescent
Work-tops	Very limited
Access to Stage	Through attic and down cat ladder DSR.
Access to Auditorium	No
Acoustic Insulation	Very limited
Secondary Control Position Facility	No
General Comments	Opening Window



SECTION THROUGH STAGE AREA

