

DRAÍOCHT

Technical Specification: MAIN SPACE

Auditorium: **286** seats. If the sound desk is required to be on the balcony **6** seats will be lost. If a band/orchestra is placed on the floor in front of the stage **22** seats must be removed. If you require video space, lose a minimum of **2** seats.
Please consult with Draiocht as soon as possible with regard to videoing a show. You will lose a minimum of **2** seats and the positions available in the auditorium for cameras are very restricted.
It is the incoming presenter's responsibility to inform Draiocht of these requirements. If you do not inform us in advance, we may not be able to accommodate filming requests.

General Information:

Facilities for the disabled: Wheelchair spaces as required- Parking - level access
Disabled parking bays at front of building

Deaf Loop: There is an induction loop in operation.
Control station in main control room.

Stage: Proscenium arch

Pros opening : 13470mm x 5020mm
Normal opening as framed by soft black wool serge masking, is 10000mm x 5020mm

Performance Area : 14950mm x 12250mm

Floor height to 11900mm

underneath of R.S.J:

Max Flying Clearance: 11150mm to underneath of the suspension bar
Add 300mm to the top of the suspension bar

Stage Floor: Flat, black, Junkers shock absorbent, suitable for all types of dance & theatre.

N.B: Screwing/nailing/painting or afixment to the theatre floor is not permitted.

Drapes:

1 No. Aqua Marine House Tab

1 No. Mid stage Traveller Black Wool Serge 12000mm x 7000mm

1 No. Full Black Curtain Black Wool Serge 12000mm x 5800mm

7 No. Pairs of Black masking leg Black Wool Serge 2400mm x 7000mm

3 No. Black Borders Black Wool Serge 12000mm x 2000mm

1 No. Black Border (truss style) Black Wool Serge 12000mm x 300mm

For midstage traveller

3 No. Black Border Black Wool Serge 12000mm x 3000mm

1 No. Cyclorama Filled White Cloth 12000mm x 6300mm

Stage Flying:

The theatre flying system consists of the following items:

- 28no.** ASM Spider Hoists at 12000mm x 48mm linesets parallel to the stage
Each lineset can lift a total maximum load of 250kg evenly spread across the bar
All linesets have variable speed control and have the ability to achieve multiple positionings. Speeds of 5mm-1000mm per second are possible
Each lineset has 3 points of attachment with loading tables.
The ability to run cueing sequences/bar groupings is possible.
- 2no.** ASM Spider Hoists at 12000mm x 48mm linesets perpendicular to the stage.
One positioned at Stage Right & One at Stage left
Each lineset can lift a total maximum load of 500kg evenly spread across the bar
These bars are at a fixed speed of 82mm per second.
Each lineset has 4 points of attachment

Control Station is located at DSR.

All bars are comprised of twin topstyle box ladder beam at 12000mm x 300mm with the 48mm tub present at the bottom.

Front of House hanging Facilities:

- 1no.** 12000mm x 300mm Box Truss at 2500mm from edge of stage.
This is suspended off 2 x ½ ton Lodestar motors and can be lowered in for rigging purposes.
System is only operable by House staff.
Focusing is achieved by Zarges Ladder.
- 1no.** FOH Boom situated at 3000mm from the edge of stage.
This is mounted to the Auditorium wall at House Right.
This is at 200mm from wall and of 48mm pipe.
- 1no.** FOH Boom situated at 3000mm from the edge of stage.
This is mounted to the Auditorium wall at House Left.
This is at 200mm from wall and of 48mm pipe.

All flying linesets are operable by house staff only & if flying forms part of the show, you may be billed for operators.

Draiocht may refuse to hang scenery/cloths if items presented are not of suitable structure, proper & safe quality of build and lacking in fire certification. This is the presenter's responsibility and Draiocht will not accept unsatisfactory & unsafe items for suspended flying.

No flying of performers is permitted on the system.

Sound:

1 No.	Yamaha LS 9	32 channel Digital Mixing Desk c/w 32 x XLR inputs & 16 x XLR outputs
1no.	Allen & Heath GL 2200	24:4:2 analogue mixing desk 6no. aux outputs
1 No.	d&b Speaker system	Front of House Main PA comprising 1 x Flown Stack Qi Sub & Qi7 Top SR 1 x Flown Stack Qi Sub & Qi7 Top SL 1 x Qi7 Top Centre Fill 4 x EO Fills, mounted at stage level See PDF of Main House Plans
7No.	d&b E-Pac amps	
2 No.	Martin MA	1.3 Power amps
2 No.	Martin	F12 300watt speakers
2 No.	EV	Sx 300 watt speakers
4 No.	Behringer	D.I. Boxes
4 No.	Ashton D10	D. I. Boxes
4 No.	Audiotechnica	ATM61 HE Mics
2 No.	Audiotechnica	ATM63 HE Mics
6 No.	Shure	SM 58 Mics
4 No.	Shure	SM 57Mics
2 No.	AKG	C1000 Condenser mics
1 No.	AKG	C3000 Condensor mic
2 No.	Behringer	C2 condenser mics
1 No.	Seinnheiser	Drum mic set (5 x 604 and 1 x 602)
12 No.	Bayerdynamic	Boom Mic Stands
2 No.	Unbranded	"Mini" Boom mic stands
2 No.	Unbranded	Straight stands (round base)
3 No.	Unbranded	Table top stands
32 No.	Mic Lines to FOH positions	12 at D.S.R. & 20 at D.S.L.
8 No.	Returns to FOH positions	4no. at DSR & 4no. at DSL

Playback:

1 No.	Denon CD Player	With auto-pause facility
1 No.	Tascam CD Player	With NO auto pause facility
2 No.	Tascam MD 350 Player	With auto-ready facility

Communications:

1 No.	Stonewood (Granite Audio)Master station
5 No.	Stonewood Beltpacks & Headsets
6 No.	Out stations on stage.
4 No.	Out stations in auditorium
2 No.	Out stations in control room

Show Relay:

Show relay is 100 volt line system separate from the stonewood audio system.

This is controlled from the main control room. Show relay is available in all dressing rooms & The Green Room with individual volume control and the ability to switch between the main & the studio space present in each room.

All audio equipment is operated off a dedicated separate ring mains distributed around the Theatre & Auditorium. There is a dedicated 32amp single phase RCD protected outlet at DSL beside the audio returns.

All audio equipment is controlled from control room or alternative position on Balcony. Please liaise with the Production Manager as soon as possible to discuss. Please note you will lose six seats for this. This is the minimum amount of space necessary.

Backstage Accommodation:

1 No.	Large Dressing Room	Accommodate	18
1 No.	Medium Dressing Room	Accommodate	8
1 No.	Small Dressing Room	Accommodate	3
1 No.	Small Tea Room	C/w fridge, kettle and microwave.	
1No.	Large Green Room	C/w fridge, kettle and microwave.	

- Each of the above dressing rooms comes complete with mirrors and mirror lights and 13 amp sockets.
- All WC's are located on the dressing room corridor.
- There are 4 x showers located in the large dressing room on the ground floor.
- There is a switachable show relay available to all dressing rooms.
- The large green room is for the use of all companies accessing Draiocht and is located on the 1st floor level.

Laundry Facilities:

2 No.	Automatic washing machine (1 is a washer-dryer)
1 No.	Tumble Dryer.
1 No.	Ironing board.
1 No.	Iron.

Height Access Equipment:

1 No.	Tallescope Model 50524. Min platform height of 4650mm with max height of 9450mm. Minimum of 4 staff to operate and control safely. Upgrade as per ABTT C.O.P. For more information, see here.
1 No.	Farone Eleva H61 Genie Lift. Maximum working platform height of 4500mm – Minimum 2 staff to operate and control safely.
1 No.	3-part Zarges Skymaster 14 rung Ladder
1 No.	14ft wooden A-Frame Ladder
2 No.	6ft Wooden A-Frame Ladder

Onstage focusing uses a mixture of the ladders, tallescope, genie as required.

Please obey crewing & staffing standards when choosing height access methods.

Please submit a risk assessment for all working at height requirements.

Stage Weights:

We possess 25no.12.5kg stage weights.
Draiocht does not possess any stage braces.

Audio Visual

Draiocht does possess a projector. The projector is a [Sanyo XML 150](#). This unit does not form part of your hire and is priced separately. Please contact the Production Manager to discuss. There will be a charge for usage and availability is on a first come first served basis. It might not always be available due to Draiochts programming.

There are direct video lines from the stage to the control room and audio mix position.

AV lines from Down Stage Right

5no. BNC @ RGBHV (all RG179)
3no. CAT 5e UTP

AV lines from Down Stage Left

5no. BNC @ RGBHV (all RG179)
3no. CAT 5e UTP

AV lines from Up Stage Right

5no. BNC @ RGBHV (all RG179)
3no. CAT 5e UTP

AV lines from Mid Stage Left Gantry high.

5no. BNC @ RGBHV (all RG179)
3no. CAT 5e UTP

AV lines from Audio Mix Position

5no. BNC @ RGBHV (all RG179)
3no. CAT 5e UTP

Wifi:

Draiocht is fully wifi enabled with complete coverage of the entire building.

The wifi system is capable of taking up to 300 plus users in the main auditorium alone.

Please log on to the option of Draiocht Public in your wifi connection settings.

The wifi is on a fibre contended line with speeds of (approx.) 40mbps download and 15 mbps upload. Please note this is a guide and final connection depends on traffic, your device, wired or wireless connection etc.

Lighting Specification's:

Lighting Control Desk:

- 1no. ETC Ion console with 5000 channels running software version 2.3.3
- 1no. ETC Ion 2 x 20 Submaster wing
- 1no. 1no. ELO 17" DVI touch screen
- 1no. DVI wide screen monitor.
- 1no. ETC 3 net four port gateway (sACN/ ETC Net 3 to DMX)
- 1no. Apple Ipad Touch c/w ETC irfr remote software.

House Lights:

House lighting system is controlled via a separate 6 way programmable remote unit. There is a default 8 seconds on the fade down & up.

Dimmers: Robert Juliat Tivoli System.

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|--------|--------------|--|----------------------|
| 96 No. | 3KW Dimmers | Protected by 16amp MCB | Robert Juliat Tivoli |
| 24 No. | 2.5kw Dimmer | Protected by 13amp MCB
300ma RCD device
over each 12 channels. | Strand Wall Rack |
| 6 No. | 5kw Dimmers | Protected by 20amp MCB | Paradim |

All dimmers are controlled by DMX 512 buffered support with a patch panel located in the control room.

RCD's/RCBO's are not present at dimmer level except for Strand Wall Rack.

Circuits:

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|--------------------|----------------------------------|-----------------------------|
| Circuits - 1 - 12 | F.O.H Truss. | 3kw dimmer at 16amp outlets |
| Circuits - 13 - 24 | 1 st Electric onstage | |
| Circuits - 25 - 30 | Stage Left Boom FOH. | |
| Circuits - 31 - 36 | Stage Right Boom FOH. | |
| Circuits - 37 - 48 | 2 nd Electric onstage | |
| Circuits - 49 - 60 | 3 rd Electric onstage | |
| Circuits - 61 - 72 | 4 th Electric onstage | |
| Circuits - 73 - 84 | 5 th Electric onstage | |
| Circuits - 85 - 88 | Stage left Wall - High Level | |
| Circuits - 89 - 90 | D.S.R. Corner - Floor Level | |
| Circuits - 91 - 92 | D.S.L. Corner - Floor Level | |
| Circuits - 93 - 94 | U.S.R. Corner - Floor Level | |
| Circuits - 95 - 96 | U.S.L. Corner - Floor Level | |
| Circuits 97-102 | MSL Gantry | 6no 16amp Outlets |
| Circuits 103-108 | MSL Gantry | 6no 16amp Outlets |
| Circuits 109-114 | MSL Gantry | 6no 16amp Outlets |
| Circuits 115-120 | MSL Gantry | 6no 16amp Outlets |
| Circuit 121 | Stage Right Boom FOH | 5kw dimmer |
| | | 32amp Ceeform Outlet |
| | Also DSR Corner - Floor | 32amp Ceeform Outlet |

Circuit 122	Level Stage Left Boom FOH	5kw dimmer 32amp Ceeform Outlet
	Also DSL Corner – Floor	
Circuit 123	Level DSR Corner – Floor Level	5kw dimmer 32amp Ceeform Outlet
Circuit 124	DSL Corner – Floor Level	5kw dimmer 32amp Ceeform Outlet
Circuit 125	USR Corner – Floor Level	5kw dimmer 32amp Ceeform Outlet
Circuit 126	USL Corner – Floor Level	5kw dimmer 32amp Ceeform Outlet

DMX Layout:

Item	DMX Out Points	Location
1	1	Control Room
2	2	FOH at Facility Panel House Right
3	3	DSL at Facility Panel
4	4	DSR at Facility Panel
5	5	USR at Facility Panel
6	6	USR at Facility Panel
7	7	Strand Wall Rack on Gantry SL.
8	8	By Aux Power 1 on Gantry SL.
9	9	By Aux Power 2 on Gantry SL.

Lanterns:

15 No.	Strand SL 23/50	Profile spot 600watt	(Takes B size gobo) Fr size 160x160mm
4 No.	Strand SL 15/32	Profile spot 600watt	(Takes B size gobo) Fr size 160x160mm
12 No.	ETC Source 4 25/50	Profile Spot 750 watt	(Takes B size gobo) Fr size 190x190mm
6 No.	ETC Source 4 15/30	Profile Spot 750 watt	(Takes B size gobo) Complete w/balanced hanging arm. Fr size 190x190mm
48 No.	R Juliat 310 HF	Fresnel 1000watt	Frame size 215x215mm
4 No.	R Juliat 325	PC spot 2000watt	Frame Size 245x245mm
14 No.	Selecon Aurora	Flood light 1000watt	Frame Size 305x315mm
60 No.	James Thomas	Par 64 1000watt	All at CP62/MFL/ No.5
1 No.	R Juliat Foxie	F/ spot 700watt MSR	

Cabling:

Please note all lighting equipment operates on 16A Cee-Form system.

Draiocht possesses numerous 16 amp extensions in lengths of 3m, 5m, 10m & 15m.

Draiocht possess approximately 35 x 16 amp splitters.

Ancillary Power:

1 No. 3 x 63 3phase N & E 5pin switched fused Ceeform outlet at Centre Stage Left at high level accessible from the SL gantry above the dock door.

There is a DMX link point here.

This outlet is used to power the Strand Wall Rack. Please allow for use if heavy lighting loads are required.

This outlet does not possess an RCD. Any distribution equipment must possess suitable RCD/RCBO protection where required.

2 No. 3 x 63 3phase N & E 5pin Ceeform outlet at Centre Stage Left at high level accessible from the SL gantry above the dock door. This unit is switched locally & protected by a 63amp 3phase MCB.

There is a DMX link point here.

This outlet does not possess an RCD. Any distribution equipment must possess suitable RCD/RCBO protection where required.

1 No. 3 x 16 3phase N & E 5pin Ceeform outlet at D.S.R at floor level

1 No. 3 x 16 3phase N & E 5pin Ceeform outlet at U.S.R at Grid Level

1 No. 32 amp single phase at D.S.L. Audio supply only.

3 No. 16 amp switchable Non-Dim Sockets at D.S.R. Operated from Control Room. Isolater is rated at 16amps

3 No. 16 amp switchable Non-Dims Sockets at D.S.L. Operated from Control Room. Isolater is rated at 16amps

3no. 16 amp switchable Non-Dims at U.S.R. Operated from Control Room. Isolater is rated at 10amps

3no. 16 amp switchable Non-Dims at U.S.L. Operated from Control Room. Isolater is rated at 10amps

Numerous 13 amp sockets located around the stage & auditorium.

All sockets have suitable RCD/RCBO protection.

The above specifications are correct at the time of print.

Please confirm and check with the Production Manager before your show get-in to ensure your requirements are met. Not everything may be available due to repairs/maintenance.

This list is not a guarantee of availability.

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e:

Please see images of the main stage on the below pages:

Main Auditorium from Centre Stage:



Main Stage from middle of the Auditorium:



Main Stage from Rear of Main Auditorium:

