



**Technical Specification
V2**

Last updated 27/09/2016

General Information

The iconic Floral Pavilion Theatre and Conference Centre has harnessed the heart and soul of one of Wirral's best loved and oldest entertainment venues and transformed it into a stunning, state of the art, Theatre and Conference Centre.

With some of the best access routes in the country, the Wirral's largest and most flexible multi-purpose venue provides a broad based programme of cultural and business events and activities designed to appeal to a wide cross section of the local community and visitors to the area.

To complement the enhanced 814 seat Theatre with its spacious foyer, bars and lounge, the new Conference Centre includes 765m² of multi-purpose conference, meetings and events space.

From panto to wedding ceremonies, classical music to awards dinners, musical theatre to product launches, family fun days to national conferences, drama and dance to seminars and exhibitions, The Floral Pavilion Theatre and Conference Centre offers a unique and welcoming space for all!

Production Offices, Green Room and Dressing Rooms

There is no designated production office or company office in the building. The green room is located on the stage level, and has tea/coffee making facilities, a microwave, chairs, tables and a sofa. We have 9 Dressing rooms; capacities are listed below

Dressing Room	Level	Capacity	Other Info
1	Stage	4	Star Dressing Room
2	1	4	
3	1	4	
4	1	4	
5	1	4	
6	1	4	
7	1	15	
8	1	15	
Chorus Room	1	20	Can also be used as wardrobe
Bandroom	Substage	20	

Access

There is disabled access to stage, dressing rooms, band room, and all FOH areas of the building. Access to the control boxes is via steps in auditorium. Access to the orchestra pit is via steps in the auditorium or steps up from the band room. Although there are lifts to dressing rooms, they are only passenger lifts and are not big enough to carry normal sized wardrobe pans. Please take this into account when deciding location of wardrobe. Emergency evacuation chairs are placed throughout the venue. If a company member may require assistance in the event of an evacuation please inform the Technical manager at the earliest opportunity

Orchestra Pit and Band Room

The orchestra pit is located at the front of stage and is made up of an Allydeck structure. It can be built at various heights and configurations to suit your event, from fully covered, fully open and various layouts inbetween. Please contact us for more

information. We have a small quantity of risers available for use in the pit. There is a facility panel to the SR corner of the pit for connection into the house system. The orchestra pit can accommodate 12 musicians comfortably. There is a double door at the back of the pit, leading to the understage area, where the bandroom is located. The bandroom is a large space with a capacity of 20. There is a patch panel in the band room providing connection into the house system and video link of the MD camera. Both spaces have additional 13a power supplies

Stage Door

Stage door is located off the car park to the side of the building and is manned during production/show call times. Access at any other time can be gained through the main entrance to the building. Please ensure all company members sign in and out every time they enter or leave the building. The stage door keeper can contact any member of theatre staff should you need to speak to someone specifically. Stage door also hold a list of local services and amenities, many of which are also displayed on the noticeboard. Please remember to leave dressing room keys at stage door when leaving the building

Wardrobe

We have no dedicated wardrobe room, wardrobe usually goes in either the chorus room or the green room. There is a washer and dryer available for use in a small room off the load in area, which also has a sink and 13a power to accommodate touring equipment. Quick changes can be built onstage, but usually are built in the scenic dock SL

Car Parking

There is no parking at the theatre, however there are local car parks within quick walking distance and some on street parking. Tourbuses can be accommodated, please contact us for information. Please note, the loading bay is for unloading and loading only and as such, anything other than commercial vehicles unloading/loading run the risk of parking fines. We have no control over this

Rehersal Areas

Space may be available to rehearse in, please contact Emily Cooper to enquire about areas, availability and prices

House Rules

- No strong smelling foods (E.G Fish and chips) are permitted in dressing rooms, however may be eaten in the green room
- No pets or visitors are permitted backstage
- The Floral Pavillion is a non-smoking venue. Smoking is not permitted in any area of the building. There is however a smoking area just outside stage door
- Any electronic items brought onto the premises must be checked by a house technician for safety before use

Stage

The stage surface is sprung and has been over-boarded with oil-tempered hardboard painted matt black. Screwing and fixing into the stage surface is allowed, but permission should be sought from the Technical manager before work commences. All screws must be removed completely when removed. There is no rake

Prompt Desk

The in house prompt desk is usually located DSL but can be positioned DSR if required. The desk has facilities to send backstage calls to all backstage areas, dressing rooms and green room. The desk also houses the comms system master station, house tabs control system (additional control located at in house control position), two monitors, one giving a FOH view of the stage and the other an MD camera, a 12 way cuelight system, patchable to all technical areas of the theatre, and a production power panel, consisting of 6 double 13a sockets located around the stage level, and two effect circuits, located DSR and DSL

Fly System

We have 35 double purchase counterweight sets, each with a Safe Working Limit of 250kg evenly spread across the bar. Each bar is 14m long, and has an extension at either end for oversized cloths, legs etc. Due to an access door MSR bars 12 to 18 inclusive are reduced travel sets, meaning they cannot fly out to full height, this can be seen on the flies diagram. The fly floor is located SR. Please note there is no fly floor on SL, and we have limited brailing points. **There is no grid**, and we do not currently have a way to put points in. Please contact the Technical manager for more information on this

Crossover

The crossover is fixed U/S behind the CYC wall. No other route is possible

Cable Traps

Cable traps run up and downstage both SR and SL

Auditorium Access

Access from the stage to auditorium is either via the fixed stairs DSR and DSL, as shown on the ground plan, or through the scene dock and pass door into the auditorium

Load In

Load in is a flat run of approximately 35m from the back of the building on Virginia Road to DSL. Access to FOH is through double doors just inside the building. Please be aware that this is a residential area, and visiting companies are kindly asked not to leave items in the street and to keep noise down to a minimum where possible. There are 4 fire shutters on the route from load in door to the stage, which cannot be blocked at any time. The dimensions of the openings are all 2.7m by 2.5m. A scene dock runs alongside the auditorium, which has ample room for scenery/case storage and repair work to take place. The dock has a sink with hot and cold water supplies and 13a sockets for tools. The maximum height in the dock is 3m. The dock also has an access ladder for the lighting bridge

Stage Equipment

- 12 x 5.5m Black legs
- 6 x black borders
- 1 x Full Black
- 1 x White Gauze
- 1 x Silver Shimmer cloth
- 1 x Fixed white CYC wall
- Selection of stage weights
- Selection of scenic braces
- Selection of conduit
- Selection of brushes and mops

Power

All Touring power is located DSR. Please note all supplies below are fused together at 400a per phase

- 2 x 125a 3 phase
- 2 x 63a 3 phase
- 1 x 400a Power lock set

A 16a single-phase landline is available for tour busses, please contact the Technical manager for further details

Multicore

The multi run is from either SR or SL, under the iron, into the pit and pulled to FOH through a tunnel under the auditorium. Approx length required is 45m

Measurements

Stage Height	Auditorium floor - Stage	1200mm
Pros Width	Wall-Wall	10,500mm
Pros Height	Stage Floor – Plasterwork	4,990mm
Setting Line – Cyc Wall	Iron line – CYC wall	8300mm
Wall – SR Fly Cage		20,300mm
SR Wall – SL Wall		21,150mm
Crossover Width	Back wall – CYC wall	800mm
Max out dead	Stage floor - Roof	9,950mm
SL Wall – Edge of fly floor SR		18,750mm
SR Wing Width	Pros edge – Fly cage	3900mm
SL Wing Width	Pros Edge - Wall	5600mm

Lighting

Our dimming system is an ETC Sensor+ CE, comprising 144 3k dimming circuits, 10 5k dimming circuits and 20 non dim circuits, driven by a Avolites Tiger Touch 2 or a Road Hog Full Boar console located in the house control box at the rear of the auditorium

We have a lighting bridge FOH with 24 circuits available, an advance truss and a pros ladder on both SR and SL

We have a full DMX and Ethernet patch system throughout the stage, control boxes and lighting bridge. To control our full rig you will need two universes, one for house dimming and second for house intelligent and effects. House lights are independently controlled from the house control position, and cannot be operated over DMX. Our multicore run is underneath the auditorium floor through a small tunnel, and is approximately 45m to either DSR or DSL

All in house equipment is on 16a cee form connections; we have a small amount of jumps to 15a but please contact us to confirm availability of these prior to your visit

Access is via a tallescope with a maximum working height of 6.2m.
We also have a set of A- Frame ladders, with a maximum working height of 3m

A temporary production desk is available for plotting at any position in the auditorium

Lanterns

- 24 x Par 64 (CP62 lamps as standard)
- 24 x 1.2kW Fresnels c/w Barndoors
- 10 x 2.5kW Fresnels c/w Barndoors
- 20 x ETC Source Four Zoom 15-30
- 20 x ETC Source Four Zoom 25-50
- 5 x 1kW Selecon Aurora Cyc four way batten
- 8 x 1kW Selecon Aurora groundrow four way flood (Floor Mount only)
- 2 x Robert Juliet Korrigan Followspots (Located at rear auditorium)

Effects

- 2 x Unique Haze Machines
- 1 x Le Maitre MVS Haze Machine

Intelligent Lighting

- 6 x Robe Colour Spot 700E AT
- 6 x Robe Colour Wash 700E AT
- 8 x Chauvet Q Wash 560z
- 12 x Rainbow 8" Pro Scroller
- 12 x Rainbow 12" Pro Scroller

Additional Power

All Touring power is located DSR. Please note all supplies below are fused together at 400a per phase

- 2 x 125a 3 phase

- 2 x 63a 3 phase
- 1 x 400a Power lock set

Miscellaneous

- 8 x 2m booms (6 circuits on each boom)
- Large amount of short de-rig arms
- Full stock of Iris' for profiles, and colour frames for all lanterns
- 'A' sized gobo holders for all Profiles
- Wide stock of Socapex, DMX, Scroller and 16a cable
- Various stock of power jumps
- 63a 3 phase input Rubber Box Distro down to 2 63a Single phase and 2 32a Single phase outputs
- Small amount of 32a single phase cable
- Small amount of 63a 3 phase cable

Please e-mail us your lighting designs which we will try to pre rig for your show if time allows

Sound

Our FOH system is a D&B Audiotechnik Q Series Line Array, comprising 4 Q1, 1 Q7 and 4 Q-Subs a side, driven by D&B D12 amps running an R1 network, and a Yamaha M7CL 48 channel desk located in the house control box at the rear of the auditorium. The system gives a good even coverage to ever seat in the auditorium. As it is an installed system, we must point out that we cannot re-hang or de-rig the array for an event.

Onstage fold back is from 8 D&B Max monitors, driven by D6 amplifiers

We have a full XLR and BNC patch system throughout the stage, orchestra areas and house control position. We also have a speakon patch system throughout the stage and orchestra areas. The multicore run is underneath the auditorium floor, through a small tunnel, approximately 40m to either DSR or DSL

We have a monitor split available for use DSL, we do not currently have a monitor desk but are able to hire one in should you wish

Microphones

- 6 x Beta 58a
- 6 x Beta 57a
- 10 x SM58
- 10 x SM57
- 8 x E604
- 4 x AKG C91
- 4 x AKG C90
- 4 x AKG C98
- 1 x AKG D112

- 1 x Beta 91
- 1 x Beta 52
- 4 x PZM
- 6 x BSS Active DI
- 6 x EMO DI

FOH

- 2 x Tascam MD350 Minidisk Players
- 2 x Denon C635 CD Players

Additional Power

All Touring power is located DSR. Please note all supplies below are fused together at 400a per phase

- 1 x 400a Power lock set
- 2 x 125a 3 phase
- 1 x 63a 3 phase

Miscellaneous

- Wide stock of XLR and Speakon cable
- Full stock of mic stands
- Various stock of power jumps
- 63a 3 phase input Rubber Box Distro down to 2 63a Single phase and 2 32a Single phase outputs
- Small amount of 32a single phase cable
- Small amount of 63a 3 phase cable

Health and Safety

Please ensure your risk assessment documents required by these and associated regulations are submitted to us no more than 14 days before your event.

We must also insist on the following points:

Please respect that the Duty Technician's decision on any matter regarding Health and Safety or our licensing conditions. We reserve the right to disallow the use of any electrical item, rigging equipment, or substances that, in our opinion, may be dangerous.

We reserve the right to charge for facilities, staffing or equipment in excess to those specified in our contract. Access to certain areas of the theatre are subject to the use of PPE, please ask the duty technician for information on this

Electrical Equipment

All electrical equipment must be in good condition, with appropriate protective circuits and must be wired in accordance with the current IEE wiring regulations. Equipment and staff must comply with the Electricity at Work Regulations 1989, in particular in respect to the use and testing of Portable Appliances and certification produced for inspection. DO NOT bring equipment that does not comply with the above. The duty technician may require testing of any equipment that does not appear in good order or shows no certification.

Control of Noise at Work Regulations 2005

We must insist that you comply with the above regulations whilst operating within our premises. In order to ensure compliance we reserve the right to monitor noise levels at events and to insist on reductions in levels if we deem necessary.

There are three principle sound levels that need to be addressed. Two of them are Exposure Action Values (EAV), and the third is an Exposure Limit Value (ELV). You have to take action to reduce noise levels at EAVs, while the ELV is an absolute limit that cannot be exceeded. The current levels are averaged over an eight hour day and are as follows:

Lower EAV 80 dB(A)

Upper EAV 85 dB(A)

ELV 87 dB(A)

If using pyrotechnics please ensure that noise levels are within the equivalent impact sound values.

COSHH - Pyrotechnics, Smoke Machines, Naked Flame, Lasers

Please provide any datasheets and details of pyrotechnics, smoke effects or the use of naked flame at least 14 days in advance, so appropriate authorisation may be obtained.

All pyrotechnics must be contained in an approved cabinet for storage; we can provide this if you do not have a suitable storage container. Pyrotechnics may only be detonated upstage of the safety curtain, and all effects planned to be used must have a test fire with a member of senior technical staff present to deem the effect safe to use in our venue.

We reserve the right to disallow the use of any pyrotechnics / lasers or effects if, in our opinion, they may be unsafe

LOLER/PUWER

The Floral Pavilion adheres strictly to the above guidelines, as set out in the associated HSE documents. Please ensure before bringing any lifting, safety or access equipment into the venue that it complies with current legislation. We require any flying gear (Shakles, Steels etc) to be clearly marked with their WLL. We cannot allow any items not displaying a WLL to be used. The duty technician may request certification of inspection of any item he or she thinks may be unsuitable

Contacts

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General Enquiries			
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