



FLOREAL PAVILION
NEW BRIGHTON

Technical Specification
2024

Address

Floral Pavilion Theatre
Marine Promenade
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Wirral
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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 Pantomime 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!

Theatre Specification

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. Access to the dressing rooms on level one is via passenger lift by stage door. We have 9 Dressing rooms, all with shower facilities; capacities are listed below

Dressing Room	Level	Capacity	Other Info
1	Stage	3	Star Dressing Room
2	1	3	Disabled Facilities, usually used as Production Office
3	1	3	
4	1	3	
5	1	3	
6	1	3	
7	1	20	
8	1	20	
Green Room	Stage	20	Can also be used as wardrobe
Chorus Room	1	20	Can also be used as wardrobe
Bandroom	Substage	20	

Please note the maximum capacity backstage is 120, and the maximum onstage capacity is 175. If extra backstage space is required, seats can be reserved in the auditorium for performers to wait.

Access

There is disabled access via passenger lifts 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. Emergency evacuation chairs and call points are placed throughout the venue. If a company member may require assistance in the event of an evacuation, please inform stage door at the earliest opportunity.

Orchestra Pit and Band Room

The orchestra pit is located at the front of stage and is one foot lower than the front row of seats, 2.6m below stage level. 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 systems. The orchestra pit can accommodate 12 musicians comfortably. There is a standard single doorway and a standard double doorway, leading to the under-stage area, where the bandroom is located. The bandroom is a large space with a capacity of 20 musicians. There is a patch panel in the band room providing connections into the house system and video link of the MD camera. Both spaces have additional 13a power supplies. Normally the orchestra pit will be completely covered unless in use.

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 by signing in at box office. 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 holds a list of local services and amenities, many of which are also displayed on the company notice board. Any mail can be collected via stage door. Dressing room keys can be collected at stage door and must be returned when leaving the building. Any non-returned keys at the end of your visit will be recharged at £30 per key.

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 at stage level, 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. 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.

Vehicle Parking

There is no onsite parking at the venue. However, there is ample parking along the promenade and in the Fort Perch Rock car park, across the road from the main entrance. Most of the parking in the area is free. There is a loading bay at the rear of the venue. Large enough to accommodate a full-size articulated trailer or tour bus, or several smaller trucks/vans etc.

Cars are not able to park in the bay due to local parking restrictions.

Tour bus power is available; please contact the Technical Team 14 days in advance to arrange.

Crew Booking

Whilst the venue supplies all technicians for your event, we use an outside crewing company for additional load in/load out crew. Please notify us of all technical and non-technical crew requirements at least one month in advance. The crewing company we use is Phil Stevens Events.

Stage

The stage surface is 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 during load out. There is no rake. Please remember that it is everybody's responsibility to always ensure a safe working environment on stage. Please contact the Technical Team for details on stage floor loading.

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 dock also has an access ladder for the FOH lighting bridge, please refer to the Health and Safety section under Working at Height for more info.

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 dressing rooms and the green room. Please note calls do not go to toilets and corridors. The desk also houses the communications system master station, house tabs control system, two monitors, one giving a FOH view of the stage and the other an MD camera, a 12-way cue light system, patchable to all technical areas of the theatre, and a production power panel, controlling 6 double 13a sockets located around the stage level, and two effect circuits, located DSR and DSL. It also has a small show relay speaker.

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, 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.

Counterweight Bricks

416 Total including 1/2 Bricks = 5408Kg = 2704Kg On Bar

20 Sets Full Loaded Max = 5000Kg (Not possible with bricks available)

Crossover

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

Cable Traps and Multicore Run

Cable traps run up and downstage both SR and SL. The multicore is run down into the orchestra pit, through a small, enclosed tunnel, under the auditorium seating, ending in the visiting control position. It is pulled through using a rope. There is no other way to run a touring multicore. Approximate distance to either DSL or DSR is 50m.

Touring Mix Position

The touring mix position is in front of the house control position. There is 13a power, along with 2 x 32a single-phase power supplies, one of which is a clean earth sound power supply. The multicore run ends in the touring mix position. Use of this position does not require any seating to be taken off sale.

Auditorium Access

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

Stage Equipment

- 16 x Black legs
- 6 x Black borders
- 1 x Full Black
- 1 x White Gauze
- 1 x Silver cloth
- 1 x Fixed white CYC wall
- 1 x Tallescope (maximum working height 6.2m)
- 1 x Scaffold Tower (maximum working height 9m)
- Selection of stage weights
- Selection of scenic braces
- Selection of conduit
- Selection of brushes and mops
- Selection of ladders

Measurements

- Proscenium width – 10.41m
- Proscenium height – 5.04m
- Stage depth (from setting line) – 8.40m
- Stage depth (from pit edge) – 9.96m
- Stage depth (from pit front) – 11.85m
- Stage width (max) – 20.33m
- Height from stage to bar out dead – 9.92m
- Maximum height of cloth to be fully flown – 4.8m
- Height from stage to reduced height bar out dead – 8.13m
- Crossover width – 0.86m
- Bar length – 14.00m
- Depth (from bar 1 to bar 35) – 7.84m
- Max pit floor to auditorium floor – 1.43m
- Max pit floor to stage level – 2.6m
- Pit width – 8.54m
- Pit depth – 3.41m
- Loading door width – 2.49m
- Loading door height – 2.45m
- Door from dock to stage width – 2.47m
- Door from dock to stage height – 2.67m

Lighting

Our dimming system is an ETC Sensor+ CE, comprising 144x3k dimming circuits, 10x5k dimming circuits and 20 non dim circuits, driven by a Avolites Tiger Touch 2 console located in the house control box at the rear of the auditorium.

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 one universe. House lights are independently controlled only 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 50m to either DSR or DSL

All in house equipment is on 16a ceeform connections; we have a small number 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.

A temporary production desk is available for plotting at any position in the auditorium but **must be requested 14 days in advance**, please contact the Technical Team.

Lanterns

- 30 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
- 2 x Robert Juliet Victor Follow spots (Located at rear auditorium)

Intelligent Lighting available for hire

- 10 x Chauvet 560Z Q Wash
- RGBW Star Cloth

Effects

- 2 x Unique Haze Machines

Additional Power

All Touring power is located DSR

- 2 x 125a 3 phase
- 2 x 63a 3 phase

Please note all of the above power has an overall fuse rating at 400a

- 2 x 32a Single phase (On fly floor SR)
- 13a sockets throughout

We also hold 2 x 63a 3 phase input to 2 x 63a single phase and 2 x 32a single phase outputs.

Miscellaneous

- 8 x 2m booms
- 8x Tank traps
- 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
- Large stock of Socapex, DMX, Scroller and 16a cable
- Various stock of power jumps
- Small amount of 32a single phase cable
- Small amount of 63a 3 phase cable

Please note equipment is subject to an ongoing maintenance schedule and as such some items may not be available at any given time. Please contact the Technical Team to confirm availability.

Sound

Our FOH system is a D&B Audiotechnik Q Series Line Array, comprising 4 Q1, 1 Q7 and 4 Q-Subs a side, along with 4 E8 front fill cabinets, driven by D&B D12 amps running an R1 network, and a Yamaha CL5 located in the house control box at the rear of the auditorium. The system gives a good even coverage to every seat in the auditorium. As the auditorium is on one level (no circle), no delay hangs are needed or available. As it is an installed system, we must point out that we cannot de-rig or re-hang the array for an event.

Onstage foldback is from 8 D&B Max monitors, driven by D6 amplifiers.

We have a full XLR, BNC and Ethernet patch system throughout the stage, orchestra areas and house control position. We also have an NL4 patch system throughout the stage and orchestra areas. The multicore run is underneath the auditorium floor, through a small tunnel, approximately 50m 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

We stock a large selection of microphones to cover most requirements. Please contact technical manager for an up-to-date list. We also have up to 20 ways of RF, which is available to hire.

Miscellaneous

- Large stock of XLR and NL4 cable
- Full stock of mic stands
- Various stock of power jumps
- Small amount of 32a single phase cable
- Small amount of 63a 3 phase cable

For more information, please contact the Technical Team

Conference Centre Specification

Access

The load in is situated at the rear of the venue on Virginia Road (CH45 2LH). The first roller shutter next to the alleyway.

The load in door is 3m x 2.9m. Access is straight from street level; with a 10m flat run down to the backstage area.

Performance area

The standard performance area floor is 13m x 8m without stage.

It is surrounded by a ground supported Prolyte H40V Truss system. Draped on three sides with blacks. Creating a “Black Box” style space. The stage is Steel Deck, usually at 2ft height with 2ft treads left and right. Its overall dimensions will depend on the type of performance.

Standard sizes are as follows.

- 24' x 12'
- 24' x 16'
- 24' x 20'

A drum riser is available.

Sound

The PA comprises of a 6Kw Adlib FD system. Driven by Crown Macrotech amplifiers.

Onstage monitoring (6 mixes) is provided by 400w Adlib wedges. Driven by QSC amplifiers.

FOH is a Behringer X32. iMac running QLAB.

A full complement of microphones cables and stands is available.

Lighting

- 7 x Chauvet Q-Wash 560Z.
- 6 x Strand Profile Spots.
- Avolites Tiger Touch II Lighting Console.

Atmospherics

- Look Solutions Unique Haze Machine.

Power

Please contact the Technical Team to discuss any power requirements.

floralpaviliontechnical@wirral.gov.uk

Health and Safety

Please ensure your production risk assessment documents and method statements are submitted to us no more than 14 days before your event.

Example risk assessments and method statements are enclosed. Please note this is not optional, and these documents must be created.

Please be aware that no work can take place on stage or in the scene dock without a member of Floral Pavilion staff present.

All scenery items brought into the venue must be treated with a recognized flameproof solution, such as Flamebar or Flamecheck. We reserve the right to do a flame-check on any item of scenery brought into the venue.

All rigging equipment brought into the venue must have current test certification and carry a stamped S.W.L on every item. Any flying pieces must comply with the theatres standard code of practice for flying, which is also enclosed. Any piece of lifting or flying equipment that, in our opinion, may be unsafe will not be allowed to be used in the venue.

All electrical equipment must have current test certificates and must have a PAT Test Pass label attached to the item. Any item of electrical equipment that, in our opinion, may be unsafe will not be allowed to be used in the venue.

Any pyrotechnic devices to be used **MUST** be cleared at least 14 days in advance with the Technical Manager. All pyrotechnic effects must have a test fire with a member of senior technical staff present, along with cast and, if applicable, musicians, to ensure everybody's safety. Furthermore, the manufacturer's safe distances, as marked on the packaging, **MUST** be adhered to strictly. This is not negotiable.

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 is subject to the use of PPE, please ask the duty technician for information on this.

On the following pages there is a short description of various laws, rules, and regulations that we adhere to:

LOLER/PUWER

The Floral Pavilion is working under the requirements of The Lifting Operations and Lifting Equipment Regulations 1998. Would all visiting companies ensure that they have in their possession the correct documentation for any lifting equipment that is being brought into the venue. Lifting equipment not having the correct documentation, test certificates and/or not having a safe working load marked will not be permitted to be used on the premises. Attached is a flying guide, which sets out how we expect items to be flown in the venue. We will request documentation for any of your flying equipment when you arrive. We will not be responsible any consequences that may result be it financial or otherwise for failure to compile.

Rigging services is a company who offer sales and testing of lifting equipment, with offices all around the country, the local one being Warrington.

Rigging Services

21 Rivington Court

Hardwick Grange

Warrington

Manchester

WA14

<http://www.lghriggingservices.com/>

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. All equipment brought into the venue must have current PAT test certificates, be marked, and records carried for inspection. Electrical equipment deemed to be in an unsafe condition by our technical staff will not be permitted to be used on the premises.

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. We will not be responsible any consequences that may result be it financial or otherwise for failure to comply.

We can put you in contact with local companies who will PAT Test any items for you, please contact us for details.

Control of Noise at Work Regulations 2005

We must insist that you comply with the above regulations whilst operating within our premises. To ensure compliance, and for the benefit and care of all staff and members of the public we reserve the right to monitor noise levels at events and to insist on reductions in levels if we deem necessary. If using pyrotechnics, please ensure that noise levels are within the equivalent impact sound values.

Working Time Regulations

Please note that in accordance with Working Time Regulations 1998, an 11-hour break between working shifts must be scheduled for all members of staff.

Furthermore, suitable breaks must be scheduled within shifts to ensure the health and welfare of all staff. If in doubt as regards any aspect of the working schedule, please contact the Technical Manager. **All schedules must be sent and agreed 14 days in advance of your arrival.**

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. Please note that oil cracker type haze machines do cause problems with fire alarms in the venue, and as such care must be taken not to overuse this type of machine.

All pyrotechnics must be contained in an approved cabinet for storage; we can provide this if you do not have a suitable storage container. Location of pyrotechnics is subject to approval by a senior technician, 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.

Work at Height Regulations

Please note that in accordance with Working at Height Regulations 2005 and HSE instructions, mobile access equipment such as Tallescopes must be used in accordance with manufacturer's instructions, a copy of which can be obtained from the theatre. All personnel working at the

bottom of the Tallescope should wear hard hats. Please bear this in mind when setting schedules and crewing levels for any production.

To work on the lighting bridge, you must wear a harness and clip onto the safety line always using a fall restraint lanyard. At no time should a fall arrest lanyard be used. Only trained members of staff are allowed to work on the lighting bridge, please contact the Technical Manager for more details.

Load In / Out Guidelines

The visiting company must ensure that a competent person is appointed to supervise the unloading and loading of the trucks. All crew involved in the load in/out MUST wear protective footwear until the fit-up has been completed. Anybody without protective footwear will not be allowed to work in the venue until they have the appropriate footwear. Furthermore, any crew working outside of the venue on the truck must wear high visibility jackets, as the truck is parked directly next to an unlit road. All crew must be competent, well rested, sober, and not under the influence of drugs always whilst working in the venue. Sufficient crew must be provided or requested in advance. If loading/unloading is deemed unsafe because of insufficient crew, the venue reserves the right to delay any unsafe activity until such time as additional crew can be obtained. We will not be responsible for any consequences that may result be it financial or otherwise for failure to comply with the above.

The visiting company must ensure that the truck is safely packed, with no dangerously balanced items at risk of falling and injuring any member of any crew. A plan of the truck pack should be provided in advance (or at least be displayed on the back of the truck/carried by the supervising member of staff unloading the truck).

The visiting company must ensure that scenery, boxes, skips, flight cases and any other items are safely packed to avoid any unbalanced loads. Weight should be indicated on each item, or the supervising personnel should always instruct the crew on the lifting of any unmarked items. Please note we do not own any truck ramps or lifting equipment for unloading/loading of vehicles.

Site Rules for Visiting Companies

- Sign in and out when arriving and leaving the building.
- Provide, on request, any safety documentation and risk assessments.
- Always maintain a safe working environment.
- Wear the appropriate safety equipment when requested.
- Familiarize yourselves with the fire safety document, which is displayed throughout the venue.
- Provide Stage Door with a list of company members for evacuation procedures.
- Always keep work areas clean and tidy.
- Ensure all accidents or near misses are reported to a senior member of the technical team, so that they can be logged and dealt with accordingly.

Please also make sure that company members adhere to the following.

- Do not leave tools, materials, and equipment accessible to unauthorized personnel.
- Fire exits and Exit signage must not be covered.
- Fire routes must always be kept clear.
- Ensure bad language is not used.
- No smoking except in authorized areas i.e., Outside Stage Door.
- Familiarize yourselves with venue Health and Safety procedures.