

# Exmouth Pavilion Technical Specification



Revised April 2026

## Contact Information

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## How to Get to Us

Address: Exmouth Pavilion, Esplanade, Exmouth, Devon, EX8 2AZ

What 3 Words: tiger.wide.leader

Road: Nearest motorway exit is junction 30, M5, follow A376 to Exmouth then to Seafont.

Rail: Exmouth EX8 1BZ, on branch line from Exeter St Davids/Central. You can walk from here, a brisk 10-minute walk on the flat.

Bus: Exeter Bus Station, Exeter, EX1 2FX Route 57 to Exmouth, Parade, Stop A. You can walk from this stop, a brisk 10-minute walk on the flat.

Taxi: Opposite Moore's Newsagents, 28 Strand, Exmouth EX8 1AQ

## Access

Stage: 1.20m above ground floor and auditorium levels.

Access: Via double height roller shutter door Stage Right (SR) up steps on to stage level OR 3.70m x 1.0m inhouse aluminium ramp to provide slope from ground level, onto stage level OR ramp for use as a bridge between rear of van to stage level OR manually lift light loads up 8 steps to stage level.

Max width between roller shutter door runners is 1.35m, o/a MAX height roller shutter door opening id 3.37m from floor level. Final width access to stage, through arch 1.37m wide by 2.50m high. The roller shutter is 1.35m wide but taller. In summary, we can move flight cases out the back of parked van to stage level via ramp, or from road level, MAX size 1.35m x 2.5m, depending on weight and number of persons needed to move it.

Distance from loading bay door to edge pavement 3.60m, then 3.00m further to edge road; be advised, a vehicle 6.60m or longer will start to encroach into live carriageway.

Plastic traffic warning barriers are available to help divert pedestrians round the front of a van during the load in, any longer vehicles are best parked on the road at 90 degrees to loading bay and above ramp used to wheel kit up on to stage level from ground level, subject to the judgement of the duty tech. In this instance, please bring your own ramp/built in tail lift, to offload your vehicle down to street level.

NB auditorium access level matches street level through double doors to auditorium 2.03m x 1.47m

Please be advised, due to ongoing maintenance, the disabled access lift is not currently available for use.

## **Parking**

Restricted onsite parking is available by prior arrangement. Please advise of parking requirements exceeding two vehicles at least two weeks in advance of performance date.

Pay and Display parking is available opposite the venue at The Beach Gardens Car Park, chargeable from 8am to 6pm.

There is no available parking for HGV vehicles/coaches/catering units overnight within our boundaries, smaller transit/sprinter spaces are available direct on to the loading bay or adjacent next to bin store.

We do sometimes have HGV tractor units with trailer supporting shows, usually dropping off large sets etc, or musical instruments and supporting equipment.

After unloading there is a local HGV parking and coach area adjacent to the rail station, a ten minute walk from the Pavilion. Exmouth Lorry Park and Exmouth Coach Park, 3 The Royal Avenue, Exmouth, EX8 1EN.

## **Dressing Rooms**

Dressing Room 1 - Ground Floor, level with stage, accessed off Up Stage, Stage Left (SL) pass door) 3.3m x 4.0m overall. Adjoining shower room and separate W/C (with sink) 2 illuminated mirror points. 1 sink. Additional chairs available.

Disabled Room - Ground Floor, level with stage, accessed direct off main stage 3.3m x 4.0m overall. Built-in walk-in shower, W/C and sink. 1 illuminated mirror point. 1 sink.

Dressing Room 2 - Annotated as male, first floor, accessed off landing, staircase from behind stage (pass corridor). 7.4m x 4.2m overall (L shaped) adjoining shower room, 2 shower cubicles and separate W/C with sink. 8 illuminated mirror points. 2 sinks. Additional chairs available.

Dressing Room 3. Annotated as female, first floor, accessed off landing, staircase from behind stage pass corridor. 7.3m x 3.7m overall (L shaped). Adjoining shower room, 2

shower cubicles and separate W/C with sink. 12 illuminated mirror points. 2 sinks. Additional chairs available.

Separate W/C. Accessed off pass corridor, behind stage, stage level.

Basement Room. Basement, accessed down from pass corridor behind stage, next to W/C above. Additional overflow space in basement for make-up/wardrobe or as an additional dressing room, please advise in advance if required. 4.10m x 3.3m overall. No adjoining shower or W/C. Access door to adjoining room with washing machine and tumble dryer.

Exit door must not be left or wedged open unless manned throughout show/get in/rehearsals etc.

Single washing machine and tumble dryer, domestic units so small capacity accessed off Basement Room.

Space is sometimes used as additional dressing room/makeup/overflow room on larger productions. 4.0m x 3.5m overall. Fire Exit door directly to outdoors. Exit door must not be left or wedged open.

## **Cloths**

Black pleated back-cloth, height:5500mm, width:8400mm, against rear wall. Please advise at least three months in advance of performance date if a fibre light source is required. White cyclorama cloth height:5,500mm, width:8,000mm. Black Stage border 9m x 1.5m x3. Black Stage legs 9m x 1.5m x4. Terracotta house tabs operated via manual pulley SL out of use and removed from tabs U/S. Black half tabs operated via manual pulley SL.

## **Safety Curtain**

Fire safety curtain is electrically operated, battery back-up, buttons SL to trigger raise, stop and lower, with remote emergency lower both SL and SR adjacent to pros' arch.

## **Flying**

### **Access Equipment**

Vertical ladder to fly-floor and perch SL from stage level. Vertical ladder to perch SR from stage level. Vertical ladder (shorter) to fly floor, accessed upstairs from first floor dressing room landing level. Vertical and accessible ladder to new grid floor. Grid level is totally and safely accessible. Zarges (12 rung) Tall A-frame ladder for on stage use or FOH if needed. Push around GENIE for access in hall – to be used by IPAF qualified personnel only, can only be used in hall. The FOH grid lowers in to floor level for easy access to place equipment where needed.

## Over Stage Bars

8 Manual hemp flying bars (not counterbalanced), max safe working load 50kg. Above hemp bars will fly out to grid height and down to stage floor level. 1 x manual chain hoist bar upstage under fly floor gantry, rigged with star cloth. Restricted use, fixed. 4 LX bars manual winch operated, safe working load 250kg each.

Above winch bars will fly out to max dead height 6.0m and in to 1.800m above stage level, for loading etc.

Vertical perch (side boom) bars SL & SR with 4 x 90 degree brackets. Flying height 5,627mm. Flying width 9.0m. Grid Height 10.6m max lift on hemp bars only.

## Front of House Lighting Grid

This has replaced the original 4 number single FOH bars. The grid is constructed from Prolyte H30V truss system, comprising 4 number parallel 8.45m long (between centre points of support) at 1.67m centres. Similarly, 2 number H30V trusses run perpendicular to these at either end forming a closed rectangular grid.

The lighting grid is suspended off 4 electrically operated, remote-controlled motors and chains connecting the truss to the steelwork above.

In summary, max total lift is restricted to 2,000kg including weight of truss, so max UDL over whole truss is 30kg/m.

There are a variety of combinations and ways to mix loadings spread over the truss system, the limiting factor being the 500kg per lifting point, not the load capacity of the truss. We have a copy of the structural analysis report on file, any questions please do ask, as a point of reference, the max total load over all 4 of the old lighting bars, as installed, was 500kg, so loading wise this is a huge improvement.

In addition to the grid we have 2 x 4.00m Prolyte H30V truss lengths projecting out from either side of the proscenium arch. These are fixed to the wall stage end, and to the new steelwork in the auditorium, currently these are used to suspend the in-house Martin Audio Blackline+ F15+ speakers, one per side on flying cradle, the total UDL on each of these trusses is rated at 150kg UDL, limited by the method the installer has used to secure to the wall and truss.

## Summary

Grid 9.0m x 5.43m overall. Maximum UDL 30kg/m, total load on truss max 1,300kg. Height, will lower to floor level and raise up to maximum height 4.82m (to underside of lower 48mm tube of box truss). This max height is 3.62m above stage level.

Facility Boxes attached to new FOH grid. These provide 5 sets of Hot Power off 15amp sockets. Actually TrueCon outlet with adapter to 15amp. 4 number 5pin DMX outlets,

linked to buffer in basement, all currently on same universe, one in each corner. The two nearest boxes to stage have dimmer circuits 1 to 12. The furthest two have dimmer circuits 13 to 20. There is a fifth panel, mounted to the nearest truss to stage in centre, this has: 4 3-pin XLR outlets, 2 speakon outlets, 4 Cat5 outlets. All are terminated stage left, in the prompt corner in the “cage”.

## **Stage Dimensions**

Please refer to in house tech crew for any specific critical requirements for show, widths, heights etc. An A3 plan can be produced.

Width. Full stage width (including legs and wings): 11.26m. Main Stage width (not including wings and legs, so rough area between moveable black legs): 6.80m. Pros width: 8.80m. Front apron width 11.65m. Wing width 1.10m. Leg width 1.10m. Metres to feet is 1m = 3.28 ft.

Depth. Full stage depth (front of apron to back wall) 7,684mm. Apron depth 2150mm. Main Stage depth (back wall to Iron) 5334mm. Iron depth 200mm

Effective performance area: 6.8m wide by 7.6m deep. The Safety Curtain Line must be kept clear of any fixed or bulky items at all times, although is manually released, please ask if this is an issue as we are flexible to suit your needs.

Proscenium Arch. Width 8,600mm, height (at centre) 4889mm, height (at sides) 4463mm.

Auditorium Dimensions. Width 14,585mm, depth 27,317mm, height (highest point) 6895mm, height (lowest

Point) 5740mm

Stage Risers / Drum risers. 4x Prolyte Risers 2,000mm x 1,000mm with 300mm legs, deck levellers, deck clamps

Additional risers, thrust extension and stage decking can be sourced on your behalf if required, with advanced notice, costs to be advised.

## **Power**

Supply on stage (SL in the cage): 63amp three phase CEE form socket, 63amp single phase CEE form socket, 32amp single phase CEE form socket, 32amp single phase CEE form socket–sound phase. Sound phase:

13amp double sockets USL & USR on rear wall. General power: 13amp double sockets on all corners of stage.

Generator Link. In the event of needing significantly more power or a synchronised back-up for broadcast, as an example, the venue does have a generator connection

point external to the building. In the past, this connection has **can be** been used for larger theatre show productions, as we are limited to the 100/3 amp incoming supply.

Exmouth Pavilion does NOT have 16amp power outlets. We do however carry a small stock of 16amp cable and a few adapters. HOT power off various stage boxes is off 15amp sockets, adapters and lengths of 15amp to 15amp cable. You must check in advance of any specific requirements.

## **Lighting**

Basic. Standard Parcan Par64 rig giving 4 colour washes + 6 specials from FOH.

Control. Located in tech tower at back of hall. Grand MA Dot2 – 4,096 dmx channels 4x universes direct out rear of console. ALL house lighting operated on universe 1, buffer is under stage with various patch outlets about stage and new FOH lighting grid. A second DMX universe for additional and toured lighting is available upon request. We do not have a CAT5 run in place for external company use.

Dimming and Patching. 72 x 10A permanent dimming channels – zero 88 Chilli Pro dimmers. 1 x DMX splitter/buffer – distribution for stage facility panels – Patchable. 4 on stage lighting bars IWB on winch sets, all sockets are 15A, NO dmx or hot power on bars. 12 circuits on LX 1, 2 & 3. - 6 circuits on LX4. LX4 not currently patched in to keep cable out the way. LX 1 circuits 21 to 32, LX 2 circuits 33 to 44, LX 3 circuits 45 to 56, LX 4 circuits 57 to 62. 4 paired circuits on SL and SR perch level, circuits 63 to 66. Perch's: bottom of 48mm vertical tube is 3,154mm above stage. New Prolyte H30V lighting grid FOH. Facility Panels on corners of stage with 6 dimmer channels 15A, Hard power 15A & 13A, and DMX (circuits 66 to 72). 1x Pulsar Chromazone 6way LED controller, dedicated FOH side uplights only. For info, FOH lights manual control but can also be patched to show file as dimmers 501 through to 510.

## **Cables and Accessories**

12 x 15A Grelcos, assortment of 13A/15A/DMX cables, adapters etc.

## **Lanterns**

Ongoing servicing and maintenance not all may be available on the day, please discuss in advance specific requirements.

2x Strand CSI Follow Spots fitted with G22 1000w CSI lamps in control tower to rear of auditorium. 32 x Black Longnose Par64 (CP62) - mainly by Thomas Engineering. Used and rigged as general 4 colour wash over main stage area (R, A, B + M). 4 x Black Longnose Par64 (CP62) stored loose. 6 x Black floor Par64 cans shortnose (CP62) stored loose. 5 x Strand SL – 15/32 profile (gobo size B) 650w each. 3 x Selecon Acclaim 18/34 profile (gobo size M) 600w each. 1 x Source 4 26 deg (gobo size A/B) 575w. 2 x Harmony PC 1200w eac). 2 x Harmony F 1200w each. 2 x Cantata Fresnels 1000w each. 5 x

Quartet Fresnels 650w each. 2 x Prelude Fresnels 650w each. Nearly all PC or F lanterns have barn doors.

8 x 500w halogen floodlights – 15A plugs stored loose, mainly used to light boxing ring. 4 x Showtec

Phantom LED 50 Spot sometimes rigged, check first, otherwise stored loose. 6 x ADJ LED Panels stored loose.

4x BeamZ BT300 RGBW sometimes rigged, check first, otherwise stored loose. 1 x Small Mirror ball and Medium speed motor – rigged centre FOH mirror ball motor usually on dim 12. 28 x Installed Pulsar Chroma Search LED fixtures. Permanently rigged in auditorium, secured as uplights.

We also have some other lights available which may be rigged for use on the day, as well as good links with local lighting suppliers, so any specific effect or requirement can be accommodated at a reasonable cost, but please ask in advance.

## **Video Projection**

Vivitek DX977-WT 6000 ANSI Lumens XGA (1024x768) 4:3. Unicol PSU mount. Medium throw with zoom. HDMI to Stage Left. HDMI from control tower needs advanced rigging. Cables 1 x 10m HDMI extension, 2 x short HDMI leads.

## **Audio**

Please Note: We have a strict limit of 103 decibels on all sound within the venue, however this can be reduced if the management deem it necessary. If this policy is not adhered to the venue management can and will terminate the performance.

Mixer & Control. Located in tech tower at back of hall. 1 x Allen & Heath QU-32 (Digital Console) c/w iPad remote, desk is installed and not removeable. Some cable runs to SL and SR, amp rack, monitor feeds etc. We can run the AB168's from the tower mix, 1 x Hearing aid induction loop.

Speakers and Drive Rack. 2 x Martin Audio S218 sub bass speakers FOH floor, relocated to give better response. 2 x Martin Audio F15+ cabinets flown FOH (Stereo L&R) off new truss, so higher and further forward than before, this has improved sound quality. 4 x Martin Audio LE400 15" Monitor Wedge, 4 circuits monitoring in house, additional returns from the desk available via the AB168's on stage for additional monitoring. We do not have in ear monitor system in-house.

2x Thomann "the box pro" Achat 206 full range speakers, delay, installed for raised seating off matrix, awaiting repair. 2x RCF Art 708a 8" used as half room fills. 2 x FBT 12" 400w powered speakers.

Additional monitors if needed, can also be used as front fills but are big. 1 x dB-Mark XCA48+ Digital Speaker Management controller for MC2 amps in SL cage.

## **Microphones**

2 x EW145 Sennheiser G3 hand held radio microphone and receivers. 2 x SM58 Shure Vocal. 1 x SM86 Shure Vocal. 6 x SM57 Shure Vocal / Instrument. 4 x Beta57 Shure Vocal / Instrument. 1 x PGA57 Shure instrument mic. 1 x Beta91 Shure Kick Drum. 1 x PGA 52 Shure kick drum mic. 2 x E614 Sennheiser Overhead 2 x PGA 81 Shure Overhead. 4 x E604 Sennheiser Rack Tom c/w drum mounts. 4 x PGA 56 Shure drum mic c/w drum mounts. 5 x BSS Audio AR-133 Active DI box. 2 x Orchid Electronics DI box. Additional mics available locally, specific requests can be quoted for direct.

## **Stands**

5 x KAM tall black microphone stands (c/w booms). 5 x KAM short black microphone stand (c/w booms). 3 hand adjustable gas round bottomed upright microphone stands. 3 x fixed black round bottomed upright microphone stands. 3 x additional tall black stands c/w booms, older, in reserve. 5 x additional short black stands c/w booms, older, in reserve. 2 x unlit music stands. 10 x Orchestra stands c/w lights available but for additional fee as not ours, stored here. 1 x Lectern (usually at SL prompt corner).

## **Patching & Cables**

We are able to patch direct off 2 Allen& Heath AB168's, one SL and one SR. The cabled 12-way patch box is also still useable, eg for drums and backline etc. 1x Stock Assortment of cables, XLR 20m, 10m, 5m, 3m and 1m, Speakon, jack, jumpers etc.

## **Instruments**

1x Yamaha GT10 upright electric piano with non-height adjustable piano stool.

## **Communications**

5-way communications system, Canford Audio. 5x belt packs. Single and double muff headsets available. Plug-in sockets on stage left, stage right, fly floor and control position. Tannoy system to – foyer/bar and backstage dressing rooms. Call points – on stage SL (prompt corner) and FOH office area.

The Pavilion has an installed multi zone fire alarm, with call points. Mostly heat detectors used in performance areas – permitting the use of haze and smoke. No haze or smoke to be used in other areas. However, we must disable some additional smoke detectors in the performance area first.

## **Stage Effects**

No hazer on site, if show critical please check back with us direct, we can hire one in locally.

**Please note:**

Any equipment being brought into the premises must be in a safe condition. We may request to see PAT test certificates or conduct a visual inspection at any time. The management reserves the right to refuse any equipment being used if thought to be unsafe in anyway.

This technical specification should be used as a guide only. The Pavilion does not guarantee the availability of any of the items listed.

No fire or pyrotechnics to be used during a performance without prior authorisation from the Technical Manager.

It is illegal to smoke anywhere in the building.

Fire exits must be kept clear at all times.

Only water in plastic bottles may be taken onto the stage.

The management reserves the right to control the Sound Pressure Levels of any event. Our SPL limit guideline is 103dBA, but be aware this is only a guide. If a request to reduce the Sound pressure Level at anytime is not adhered to, the management reserves the right to terminate the event and all loss of profits or costs incurred must be covered by the promoter/artist.

**Additional Technical Equipment for Hire**

Audio/Staging/Lighting/Communications/Pyrotechnics/Effects/AV/Scenery. We are able to source all sorts of equipment and crew, if there is anything missing from the above list that you require then please contact the Technical Crew who can assist you in acquiring the equipment you need, well in advance.