



Ardhowen Theatre Technical Specification

Stage

Proscenium	8.6M (28.2ft) wide by 5.3M (17.3ft) high. Width may be reduced by the use of the House Curtains or masking.
Width	5.9M (19.3ft) Centre line to stage left. 4.9M (16.0ft) Centre line to stage right.
Depth	8.5M (27.8ft) From tab line to back wall. 8.6M (28.3ft) From Stage face of the Proscenium. 1.4M (4.6ft) From Stage face of the Proscenium to permanent stage edge.
Forestage	The orchestra pit extends the stage a further 2.8M (9.2ft) beyond the permanent stage edge.
Height	Under Galleries around stage area 4.9M (16.0ft) Under ceiling main stage area. 7.5M (24.6ft) Stage height above auditorium floor 0.6M (1.8ft)
Stage Floor	Flat and level. Maple flooring painted black.
Flying System	16 installed counterweight sets at varied distances apart. Maximum Bar Weight (evenly distributed) 400 kg. (7.8cwt) Bar length 13M (42.6ft) <u>NO FLYTOWER FACILITY.</u>
Stage Manager	Working corner is stage left with portable mobile control desk. The desk incorporates, show relay, intercom, bar bells, backstage and foyer page. Stage left also has control switches for work lights, performance states and two speed house tab motor.
Orchestra Pit	Pit area 30 cubic metres. Depth below stage level 2.6M (8.6ft) Dimmer controlled power supply.
House Curtains	Full house curtains coloured Marine Blue on powered curtain track.
Masking	Five sets of black velour legs and borders. One set of black velour travellers on 2 curtain tracks, manual hand line open/close. Can be set where required.
Cyclorama	Full length white cyclorama. Width 12.9M. Depth 6.5M.
Stage Equipment	1 Gene GR20 MEWP. 3 sets of Zarges step ladders. 12 sets of rostra 8ft x 4ft with bolt in legs of varying sizes.
Get In	Get in via scene dock on stage level.
Storage	Minimal.

Lighting and Power Supply. Technical Data

Independent

Power Sources 2 x 200 amp T.P.N. with separate meter facility.
(One designated special effects and one designated outside broadcast.) Both situated at stage level up stage left.

Dimmers 96 x 2.5kw to 15amp three pin socket outlets.
Dimmers – ETC Sensor+ dimmers contained in dimmer room in scene dock stage left.

Lighting Control Memory control is a ETC Expression with Emphasis,
2 LCD screens, wired and wireless remote focus units.
1 Avolites Tiger Touch Pro 2.

Secondary Circuits 30 single 5amp secondary circuits with independent 3 pin 5amp socket outlets controlled from effects panel in Control Room.

Mains Power

On Stage Single 13amp ring main with 8 only 3 pin socket outlets with local ELCB.(20amp max)
N.B Dip channels 89 to 94 and 98 to 103 have local switch over facility to divert output to alternative locations on forestage.

Lantern List

6 Martin MAC 250 Krypton
4 I-solution I-Move 250
2 Robe Robin DLF led
4 Elation Fuze wash FR led
20 750w ETC Source Four Zoom Profiles
14 600w Strand SL 15/32 Profiles
6 600w Strand SL 23/50 Profiles
20 1Kw Strand Harmony 15/28 Profiles
11 1Kw Strand Harmony F Fresnels
2 1Kw Strand Harmony PCs
5 1.2Kw Strand Cantata Fresnel
4 1.2Kw Selecon Fresnel
8 1Kw Selecon Rama Fresnel
32 1Kw Par 64 Par Cans
6 500w Par 64 Floor Cans
10 500w 4cell Strand Coda Battens

Cables/Leads There is a reasonable stock of varying lengths of 15amp to 15amp/15amp to 13amp/15amp to 5amp etc.

Lighting Stands 4 Strand fully adjustable Lighting stands.

Other Equipment 3 UV Tubes in fittings.
1 MVS Hazer

Sound Technical Data

Outlets 32:8 multicore with 2 only 16:4 surface mount boxes located DSL/DSR & 5M tails on control room end.

Sound Desks Yamaha LS9 32 channel mixer.
Allen & Heath QU 16

Speakers FOH 4 Nexo PS15 speakers.
2 Nexo LS1200 sub speakers.

Monitors 4 Martin Audio LE12J monitor.
2 Martin Audio LS 1500 monitor.

Amplifiers 1 Nexo 4.1 Digital Amplifier.
2 Martin Audio MA2.8 Amplifiers.
1 Martin Audio MA3.0 Digital Amplifier.

Recording and

Playback Equipment 1 Tascam CD160 CD Player.
1 Denon DN600F CD Player.
1 Tascam MD 301 MK 2 MiniDisc player.
4 Shure Beta 58 Mic.
6 Shure SM 58 Mic.
6 Shure SM 57 Mic.
5 Sennheiser 835 Mic.
3 Crown PCC 160 Mic.
1 Sennheiser Lapel Mic.
3 EMO Passive D.I. Boxes.
5 DBX Active D.I. Boxes.

Portable PA 1 Allen & Heath PA20 16 channel mixer (flight cased)
2 Martin Audio F12 speaker.
2 15" bass Bins.
2 Loudspeaker stands.

Mic Stands 16 Boom Mic stands and varying lengths of XLR mic cable.

Cables 3 10M 8 way stagebox-tail multicore.
1 30M 16:4 stagebox-tail multicore.

Audio Visual Equipment

Projection Equipment 1 Christie projector
Full size roll up cinema screen.

Back Stage Facilities Four Dressing rooms.
Laundry room with Washing Machine and Tumble Dryer. Both with metered charge.
Ironing board and Iron available.
Green room with electric kettle, fridge, and microwave oven.
Gents' shower situated in gents toilets area.
Ladies' shower situated in ladies toilets area.

Technical Supervisor Mick McLoughlin. Tel. 07581116726
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Technical Assistant Fionnuala O'Shea
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Ardhowen Theatre Information

The following information is for person/s or groups using the Ardhowen Theatre.

It is in your interest to make sure everyone in your group or company are aware of the regulations that apply to everyone using the stage to avoid any misunderstanding.

1. Times and details of get in and fit up or any technical requirements must be advised to the Technical Supervisor prior to your visit.
2. Should you require lighting rig or stage/theatre plans or technical specifications contact the Technical Supervisor at the theatre.

3. On arrival at the theatre you should use the Stage door entrance and contact the Technical Supervisor or Technical Assistant. If any doubt report to the Administration Office.
4. If you are going to be late or held up for any reason, please contact the theatre and let us know. Telephone No. (028) 66325440.
5. The Ardhowen Theatre is a Non Smoking building. This regulation is strictly enforced.
6. Food, Drinks or Liquids of any kind are not to be taken to or consumed in the Control Room, Auditorium, On Stage or Back Stage Areas. Again the only exemption is when it constitutes part of a legitimate performance. The only areas exempt from this regulation are The Green Room and Dressing Rooms.
7. Any company or act intending to use naked flames/pyrotechnics on stage should notify the Technical Supervisor prior to arrival and subsequent performance. A person familiar in the use of Fire Extinguishers must be present at the time of use. Fire Extinguishers are situated at both sides of the stage. The same regulations apply to the use of flammable liquids and materials. In some cases, i.e. straw/hay/sawdust **permission will not be granted.**
8. The painting of sets and scenery should be completed prior to arrival at the theatre, by prior arrangement some painting may be allowed in the scene dock. **Painting will not be allowed on stage.**
9. Sets or flats must not be spiked, nailed or screwed to the stage floor. The use of staples of any kind is also prohibited and if you intend to use double sided tape, it must not to be put directly on to the stage floor. Contact the Technical Supervisor for advice or clarification.
10. All lanterns in use at the Theatre have a safety bond fitted, they also are complete with a colour frame. It is in your interest to check this. Any colour frame or safety bond missing when you leave will be charged to your company. Any lantern brought into the theatre for use on stage must be complete with safety chain and be within the P.A.T. Wiring and Electrical Appliance regulations. This also applies to any portable equipment used in the theatre, i.e. Smoke Machines, P.A. equipment, lanterns and any other portable electrical equipment.
11. All flats, scenery, drapes, costumes and props etc. must be fireproofed prior to use at the theatre, advice is available from the Technical Supervisor.
12. The use of aerosol paint sprays must not be used anywhere inside the theatre buildings.
13. The Green Room is provided for use by visiting companies. It is important to note that because of its unusual design it is not sound proofed from the Foyer and Gallery areas of the theatre and that excessive noise may be heard in these areas.
14. The Scene Dock and Stage Door entrances are in the Rear Courtyard.