

MacRobert Arts Centre

University of Stirling

Mainhouse

Technical Specifications

Contact

productions@macrobertartscentre.org

Mainhouse Technical Specification

Backstage Facilities

Green Room Comfortable seating area with microwave, kettle, fridge, sink etc.

Dressing Rooms

4 principles dressing rooms.

2 larger chorus dressing rooms with space for up to 30.

Laundry

2 washing machines

2 tumble dryers

Irons and ironing boards

Quickchange A room is available for quickchange DSL.

Mainhouse Technical Specification

Auditorium



Capacity 460

Access 2 Audience entrances on row G. Wheelchair spaces also on row G.

Control Position Control Room located at back of auditorium. A control position can also be set up in back 2 rows. Please inform Technical department in advance to arrange this.

Mainhouse Technical Specification

Stage

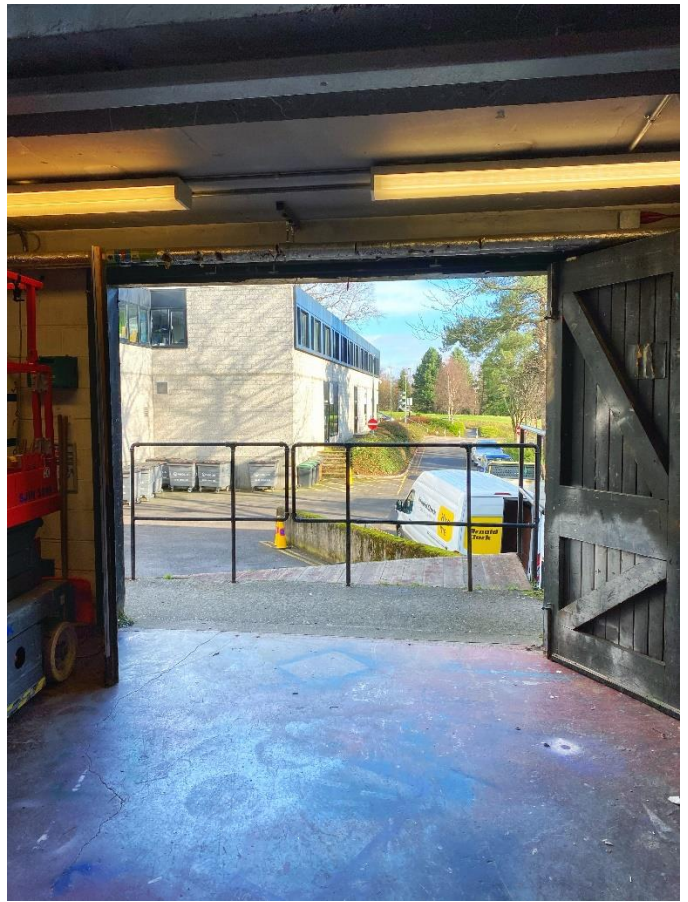
Get In Access

Loading Bay and stage door located at back of Macrobert. Accessed by service road to shops and student union. Company vehicles may park in loading bay, parking is payable through Ringo app Mon-Fri 9am-5pm.

Loading Bay is 1.2 m above road. Ramp provided. Accessible by 40' trailer.

Dock door - Width 2.85m

Height 2.25m



Stage

Proscenium arch, flat stage with apron.

Stage depth	9.90m
Forestage depth	2.69m
Stage width (including wings)	18.70m
Pros. Width	9.75m
Height	5.50m
Width between fly floors	14.50m
Height to grid	14.30m
Stage to fly floor	6.30m
Stage to Flyfloor handrail	8.20m
Stage to underside of Catwalk cross over	7.40m
Counterweight bar length	12.20m



Masking

Black box set up available. Mixture of hard flats and soft legs.

Flat black cloth and pleated split black cloth available.

Borders available.

Stage misc.

Forestage drops down to an orchestra pit for up to 12 musicians, instrument dependant.

Rear wall white for use as cyc.

Full black dance floor

25 stage weights

Braces available

Access Equipment

Skyjack – only to be operated by IPAF ticketed personnel

2 x Tallescope

2 x Zarges

Selection of ladders

Access equipment only to be used by competent personnel

Macrobert operates a hard hat policy when using access equipment

STANDARD FLYING PLOT

bar no.	notes	position	spacing
Backwall		9.6	0.8
bar 31		8.8	0.2
bar 30		8.6	0.2
bar 29		8.4	0.2
bar 28		8.2	0.4
bar 27		7.8	0.2
bar 26		7.7	0.3
bar 25		7.3	0.2
bar 24		7.1	0.3
bar 23		6.8	0.4
bar 22		6.4	0.4
bar 21		6.0	0.4
bar 20		5.6	0.3
bar 19		5.3	0.4
bar 18		4.9	0.2
bar 17		4.7	0.4
bar 16		4.3	0.4
bar 15		4.0	0.4
bar 14		3.6	0.2
bar 13		3.4	0.2
bar 12		3.2	0.2
bar 11		3.0	0.2
bar 10		2.8	0.3
bar 09		2.5	0.2
bar 08		2.3	0.1
bar 07		2.2	0.1
bar 06	Cinema screen is in the way if flying during show	2.0	0.3
bar 05	* Cinema Screen*	1.7	0.4
bar 04	Cinema screen is in the way if flying during show	1.3	0.2
bar 03		1.2	0.1
bar 02		1.0	0.1
	Normal set line	0.9	0.1
bar 01	House Tabs	0.8	0.3
Iron		0.6	0.6

PLEASE NOTE THAT THE CINEMA SCREEN ON BAR 5 IS NOT REMOVEABLE

Measurements are in metres from the front of the stage.

Mainhouse Technical Specification

Lighting

Lighting Control

ETC Ion

1 x Fader Wing (2 x 20 faders)

2 x Universes

Universe 1 addresses 1-175 and 501-512 are allocated to theatre dimmers and cannot be changed.

DMX outlets at 4 corners of stage.

Dimmers

ETC sensor Dimmers

175 circuits

Stage – 53 circuits

FOH Front Bridge – 12 circuits

FOH Back Bridge – 12 circuits

FOH Perches – 4 circuits each side of auditorium

OP Fly Floor – 90 Circuits – 5 x IWB's overhead 18 ways each

Lighting Stock

40 x Robert Juliet 310THF 1Kw with Barn Doors

20 x Source 4 Zoom 15-30 Profile 750w

10 x Source 4 Zoom 25-50 Profile 750w

8 x source4 Junior 25-50 Profile 575w

6 x Elumen8 TZ 350 zoom Fresnel RGBW

5 x Elumen8 Tri 4 Pixel Batten

18 x Source4 par Mixture of CP60/61/62/63 575w

35 x Parcan ALL CP62 1Kw

2 x Selecon Performer MSR 1200w Followspot with 6 colour magazine

Temporary Power

SR wing

300 amp/3 phase – tail in required/hardwire

32 amp/3 phase – Ceeform

32 amp/1 phase – Ceeform

Booms

8 x Boom Bases with 3m scaff poles and 4 boom arms each

Haze

1 x Phantom Pea Soup CO2 powered, dmx controlled.

Please note this is subject to a usage charge

Mainhouse Technical Specification

Sound

Desk

Soundcraft VI1 digital Desk - 32 XLR inputs, 16 XLR outputs

Digital stagebox – 32 XLR inputs, 16 XLR outputs

Playback

Apple Mini Mac running Qlab 4

Focusrite Saffire Pro 24 soundcard

Numark CDN77 twin CD player

Speakers

Main PA Flown FOH – 2 x Pairs D+B C6's

 FOH Subs – 2 x D+B 1801's

Front Fill 2 x E3's

Monitors corners of stage – 4 x D+B 602M's

Amps

Main PA 3 x D+B p1200's with appropriate cards

Front Fill 1 x Epac

Monitors 2 x Crown amps

Misc.

We have a range of equipment available for hire

- Selection of microphones, wired and radio.
- DI boxes
- Mic Stands
- Selection of cabling
- Keyboards and stands

Upright and grand Piano available for hire, please note these will be subject to a tuning fee.

AV

Projector

Christie LX500 projector available for hire

Screen

We have a full size cinema screen that flies in DS (bar 5)